Lifting & Rigging

Fast Reeve crane Blocks Standard Reeve crane Blocks Overhaul Balls Snatch Blocks Sheaves Hooks Swivels

Associated
WIRE ROPE & RIGGING

ROPEBLOCK

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Introduction

With a dedicated team of professionals, a state-of-the-art production facility and global distribution, Ropeblock is the leading supplier for the lifting and wire rope industry. Active in all major related industries, ranging from Construction to Offshore, Ropeblock can build on over 30 years of experience.

Critical equipment

Our products are used in critical equipment such as port cranes, ship cranes, offshore cranes and platforms, dredging equipment, pendant structures, mooring systems and in the heavy industry. Both subsea as well as on today's highest skyscrapers, our products operate successfully on all continents.

Preferred by leading crane and wire rope manufacturers

Many of the leading crane and wire rope manufacturers in the world prefer our products and our standard of quality. Exports represent 95% of our sales, and our products can meet with the very demanding international regulations and standards.

MISSION

OUR MISSION STATEMENT IS TO ADVISE IN, ENGINEER, MANUFACTURE AND MARKET SAFE AND HIGH QUALITY COMPONENTS FOR THE GLOBAL LIFTING AND WIRE ROPE INDUSTRY.

Central to our mission is the customer. By combining our expertise and close solid customer relationships, we are able to create innovative designs and solutions that meet the needs of the market. A large stock of standard components and the possibility of custom made solutions all contribute to an optimal service for our customers. Flexibility offered by our organization confirms our leading position in the market.

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Contents

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Ropeblock, your partner for standard and custom designed blocks

Ropeblock's product portfolio of lifting products is well established. With over 30 years of experience in engineering and manufacturing lifting equipment, Ropeblock has become the supplier of choice for many crane OEMs.

The crane OEMs are active in different segments, each having their specific requirements. Lifting and crane applications can be seen in various segments, this catalogue addresses Construction, Rigging and Industrial use. Cargo Handling and Offshore are addressed under 'Special Blocks'.

Each segment's unique requirements can be found in the way the single fall products (overhaul balls or swivels) and multi fall products (crane blocks, hook blocks) are designed and finished.

The products shown within the Construction segment are typically used in all- or rough terrain mobile cranes, crawler cranes and tower cranes. Cranes in all shapes, sizes and forms.

The products for the Industrial segment can be found in overhead cranes, used in production plants and steel mills.

Offshore and Cargo handling products can be found in the Special Blocks section and are typically used on cargo vessels, supply vessels, FPSOs and rigs.

In addition to crane blocks, Ropeblock's portfolio also consists of a full line of rigging blocks, such as Snatch Blocks and light weight tilt-up blocks (HCLWs).

With Ropeblock's clear vision on engineering and it's standardisation philosophy many components can be used across products.

This results in relative short lead times through modular and strong design of products, displaying products integrity and safety.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Research and design

Ropeblock's philosophy on block design has always been to protect wire rope and extend lifetime in combination with low maintenance of the product.
The implementation of this philosophy is restricted by the rules and regulations of different third parties and governmental institutions. The knowledge of these aspects and specific rules and how to put them into practice has resulted in market leading designs, that both end-users as well as OEMs appreciate.

The additional knowledge of how to design and produce sockets contributes to being able to supply an efficient system, hence all interfaces match their requirements.

Main input parameters for designing a block are:

- Application information (type of crane)
- Working Load Limit (WLL)
- Number of falls / number of sheaves
- Wire rope type and diameter
- D/d ratio
- Becket dimensions or applied socket type
- Operational temperature
- Weight requirements
- Subsea use

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Material

Most blocks look quite similar from the outside, however the choice of material and the method of fabrication and assembly can result in a totally different product or factor of safety.
The clear design and engineering philosophy enables Ropeblock to select materials and production methods without limitations. Some of the more commonly used materials and methods are:

- Hooks in carbon or (high tensile) alloy forged steel, alternatively cast steel
- Sheaves in ductile cast iron, cast steel, nylon, welded fabricated or from solid steel
- Low temperature steels with high impact resistance
- Double sealed roller bearings
- Bronze or composite bushings
- Lubrication channels in traverse and center pin

Please contact us.

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

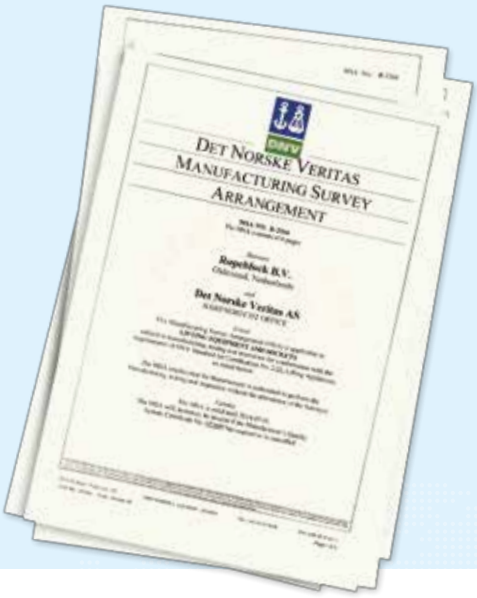
ROPEBLOCK

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK


RECOGNITION FOR
BV MODE I SCHEME
ROPEBLOCK B.V.
OLDENZAAL - NETHERLANDS


DET NORSKE VERITAS
MANUFACTURING SURVEY
ARRANGEMENT

Quality

The Quality Management System of Ropeblock is certified in accordance with ISO 9001: 2008 Our manufacturing processes have been approved by both DNV and KR, resulting in a Manufacturing Survey Arrangement with these third parties. This, together with a dedicated team of QA/ QC professionals, ensures a consistent quality of product and service.


DNV BUSINESS ASSURANCE
MANAGEMENT SYSTEM CERTIFICATE

This is to certify that

Ropeblock B.V.

Kampenstraat 1, 7575 ER Oldenzaal, The Netherlands

has been found to conform to the Management System Standard:

ISO 9001:2008

This Certificate is valid for the following scope:

Design, testing and manufacturing of lifting blocks, swivels, sheaves and wire rope connections.

Initial Certification date: 14 July 1998

This Certificate is valid until: 31 July 2016

The audit has been performed under the supervision of: H. van Dronkelaar, Lead Auditor

Place and date: Bleiswijk, 22 May 2013

For the Accredited Unit: DNV Business Assurance B.V., THE NETHERLANDS

H.K. Nieuwaal, Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

Standards and design rules

Ropeblock products are state of the art designed following European machine directive 2006/42/EC and using relevant guidelines in EN, ISO, DIN or FEM standards, ASME B30.5, B30.10, B30.26 safety standards and e.g. federal specifications RR-S550D, RR-C-271. Ropeblock products adhere to standards and design rules (such as API 2C, API 8C, ABS, DNV, LRS, BV, GL, RINA, RS, etc.) as mentioned in the contract and/or drawings. With Ropeblock Design For Assembly (DFA) engineering principles they are the perfect choice for local regulations, stipulating hook and hook-nut should be dismantled, inspected and re-tested (proof loaded) every 4 or 5 years.

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Certificates and documents

Upon request, all blocks and swivels can be supplied with any of the following documents:

- Declaration of compliance according to EN 10204-2.2, certification includes:
  - Working Load Limit (WLL)
  - Weight
  - Order number
  - Proofload in kN
  - Serial number
- Manufacturer test certificate according to ILO convention No. 152
- Material certificate according to EN 10204-3.1
- Material certificate according to EN 10204-3.2 (please thoroughly check for requirements)
- NDE inspection reports (magnetic and ultrasonic testing)
- Witness or survey certificate issued by official classification or inspection agencies. All IASC agencies accepted (e.g. ABS. DNV, LRS)
- Third Party design or type approval
- Third Party product certificate
- Full Manufacturing Record Book, including material certificates, test certificates, welding log and paint log

Note that the above is an abstract of what is commonly requested, but not considered standard. Please ask your sales representative for details.

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Testing

All blocks and overhaul balls are subject to an intensive compliancy test protocol. The most important test that is executed is the proof load and serialization protocol. The item will be subject to a pre-defined proof load, that is determined and in accordance with the respective standard, rule or regulation. Some of more common proof load requirements are:

- According to ILO convention 152
- ASME B30.1
- DNV Rules for lifting appliances
- ABS Lifting
- API 2C
- Lloyd's Register

Finish

An important requirement in the total scope of production is the finishing, or corrosion protection. Ropeblock has developed comprehensive finishing methods in accordance with ISO standards. This allows for a certain level of flexibility depending on the segment specific requirements. Ropeblock's finish recommendation for each segment can be found in the table below. Although yellow with optional black striping is considered to be standard for many applications, customer specific systems and colors are possible.

Recommended finish

Segment / application	ISO 12944 classification	Classification description	Expected protection duration	DFT (µm)
Construction	C2M	Slightly polluted atmosphere, predominately agriculture areas	5 to 15 year	120
Construction	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	2 to 5 year	120
Construction	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	5 to 15 year	160
Cargo handling	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	5 to 15 year	160
Cargo handling	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	280
Cargo handling	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	280
Offshore	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	300
Offshore	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	300
Offshore	C5-MH	Coastal areas and open sea with high salt content in air	more than 15 year	320
Offshore	NORSOK sys. 1*	Open sea with high salt content in air	more than 15 year	300

* NORSOK M-501

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Why Ropeblock

Although sometimes considered a commodity, many of the modern economies rely on safe and efficient transport and move of high capital components and resources. Ranging from the construction of power plants, transportion of bulk goods to operating an oil platform; a failure during operation can have disastrous proportions. Having a consistently safe and high quality lifting component is of strategic importance.

Both crane manufacturers as well as end-users can benefit from cooperating with Ropeblock and using their products:

- Consistently safe products
- Quality and cost efficiency go hand-in-hand
- Focussed on lifting equipment and understanding your application
- Manufacturer
- In depth knowledge of blocks, rigging gear and sockets and their application
- Certification, fully integrated in business process
- Global distribution network
- Specialist for key components of crane
- Synergy of segments: Construction - Offshore - Cargo Handling - Industrial and Rigging

Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Construction

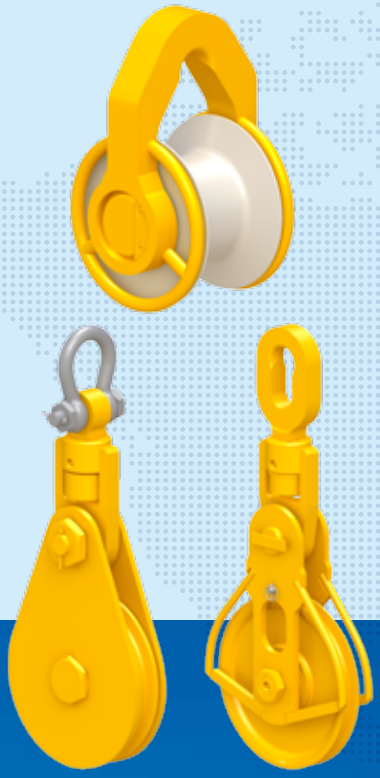
The products in this section are mainly used in construction applications, such as mobile cranes, rough- and all terrain cranes, crawler cranes and tower cranes

Pages 17 - 38

Industrial

Typical applications in this section are overhead cranes in a wide variety of industrial settings such as steel mills or ship yards

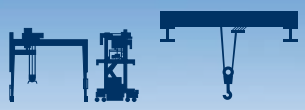
Pages 39 - 42



Rigging

The products shown here are typically used in 'under the hook' applications

Pages 43 - 50



Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Other Segments

This section consists of blocks commonly used in Offshore and Cargo handling applications. Special tandem blocks for dual winch action

Pages 51 - 54

Components

Components like Hooks, Sheaves and Swivels can be used across products in crane applications, special rigging or construction applications

Pages 55 - 65

Sockets

All Ropeblock lifting equipment is compatible with Ropeblock's socket line. This section gives an overview of the standard range

Pages 66 - 73

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Warnings and application instructions

General

This section contains important information.
Swivels can be loaded up to the rated WLL.
Only fully reeved crane blocks can be loaded up to the rated WLL.

Warning

Where equipment has swivelling and moving parts there are potential safety hazards.
Care should be taken when working with or repairing such equipment.
If used incorrectly breakage could occur inflicting injury or death.
When equipment is in use do not put hands:

1. Between sheaves, side plates and guards.
2. In area of becket, hook, hook nut and cross head.

Take great care to avoid clothing becoming trapped.
Repair and reeving should be carried out by trained personnel only.
Power should be switched off before operations are carried out.
Work should only take place when equipment is seated on a firm surface.

Limitation of use

1. Working load limit (WLL) should never be exceeded.
2. Hook-blocks should be used in vertical lift only.
3. Rigging blocks should be used only as in design specifications. Blocks should not be used for towing unless specifically designed and marked for that purpose.
4. Swivels should be used in either vertical or horizontal plain only.
5. Horizontal and vertical lead sheaves used only as indicated in description.
6. Shock or side loading should not be applied unless equipment is designed for that purpose.
7. Load should always be in seat of hook or eye. **NEVER AT POINT**

Inspection and Maintenance

Inspection should be carried out weekly or where equipment is used infrequently, each time it is used by the operator.
Examination by a competent and trained person should be carried out monthly on the hook-block or swivel for damage, corrosion, free movement of sheave, swivel and safety latch.
Thorough examination by a competent and trained person should be carried out annually on equipment for mobile and crawler cranes.

- **Every 4 years, hook and hook nut are to be dismantled, inspected and retested (proof loaded).**

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Warnings and application instructions

Particular attention to be paid to the following:

1. Wear in hook, center pin, becket and threads in hook and nut.
2. Play in sheave bushes or bearings.
3. Spacer bolts, nuts and lynch pins.
4. Check for cracks in welds.
5. Condition of safety latch and grease nipples.
6. Wear to holes in side plates and becket.

If cracks or heavy gouges appear, the equipment should not be used and qualified opinion should be sought. If grooved and the section reduced by more than 5% the item should be replaced.
Repairs should be done by grinding. NO welding should be carried out unless prior authority is obtained from Ropeblock B.V. Chain-components grade 8 or higher, should not be used in alkaline (>pH10) or acidic conditions (<pH6). Comprehensive and regular examination must be carried out when used in severe or corrosive inducing environments.
If the holes in cross head, side plates, becket, eyes or yaws are enlarged by more than 5%, the part should be replaced. Any parts to be replaced should be purchased from Ropeblock B.V., or manufactured under their instruction.
All repairs to be carried out by responsible personnel and great care should be taken in the re-assembly of the equipment and captivating parts i.e., grub screws, lynch pins, etc.
Check and refit only correct sizes and threads.

Lubrication

As a general rule sheaves, cross heads, bearings and bodies should be greased through nipples where positioned:

1. Re-lubrication should be done minimal every month or 250 hours.
2. Heavy duty or high performance equipment should receive re-lubrication weekly.

For subsea equipment: Always remove the air-vent plug before the greasing operation, and replace afterwards to prevent jamming.

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Anatomy of a Ropeblock product number

A Ropeblock product number includes significant information that carries meaning contributing to the product.

sample product number:

FRB 528.26.5.100.E

- **Model Description:** FRB=Fast Reeve Block, SRB=Standard Reeve Block, VB=Snatch Block, HCLW=High Capacity Light Weight Block
- Sheave Tread Diameter in mm
- Wire Rope Size in mm
- Number of Sheaves
- **Working Load Limit** in Metric Tons (multiply by 110% for US Tons)
- **Additional Product Description:** E=Single Hook, D=Double Hook, S=Shackle, O=Oblong Eye

Sheave Tread Diameter (mm)	Wire Rope Range (mm)	Wire Rope Range (inch)
225	10 - 14	⅜ - 9⁄16
260	11 - 16	7⁄16 - ⅝
285	12 - 18	½ - ¾
320	14 - 19	9⁄16 - ¾
355	14 - 22	9⁄16 - ⅞
360	16 - 22	⅝ - ⅞
400	16 - 26	⅝ - 1
450	19 - 28	¾ - 1 ⅛
528	22 - 32	⅞ - 1 ¼
575	24 - 32	15⁄16 - 1 ¼
630	26 - 36	1 - 1 ⅜
670	28 - 38	1⅛ - 1 ½

Refer to wire rope manufacturers D/d ratio guideline.

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

CONSTRUCTION

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Construction segment

Fast Reeve crane Blocks

Blocks shown in this section may be used on a wide variety of land based cranes such as mobile and crawler cranes. The Fast Reeve Blocks are an excellent choice for your lifting application where frequent block change is required and includes the following standard features:

- Design Factor of Safety of 4:1
- Double sealed maintenance free roller bearings
- Forged high tensile steel DIN hooks
- Ductile iron sheaves, featuring graphite lubricated groove
- High impact resistant side plates
- Operational temperature range: -40 up to +80 ^{0}C / -40 up to +176 ^{0}F
- Lubrication on hook suspension
- 4 or 8 point hook locking device
- Fast Reeve guides for fast reeving
- C3M finish in signal yellow with black striping
- Safety latch with locking pin

Please contact your sales representative for more details

Recommended finish

Segment / application	ISO 12944 classification	Classification description	Expected protection duration	DFT (µm)
Construction	C2M	Slightly polluted atmosphere, predominately agriculture areas	5 to 15 year	120
Construction	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	2 to 5 year	120
Construction	**C3M**	**Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air**	**5 to 15 year**	**160**
Cargo handling	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	5 to 15 year	160
Cargo handling	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	280
Cargo handling	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	280
Offshore	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	300
Offshore	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	300
Offshore	C5-MH	Coastal areas and open sea with high salt content in air	more than 15 year	320
Offshore	NORSOK sys. 1*	Open sea with high salt content in air	more than 15 year	300

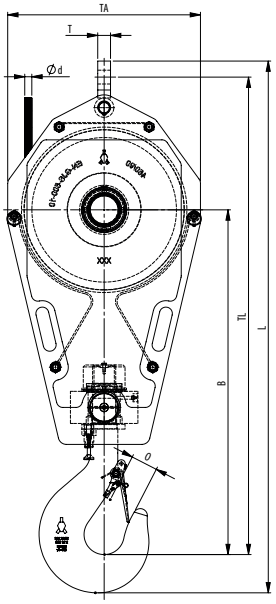
Associated WIRE ROPE & RIGGING

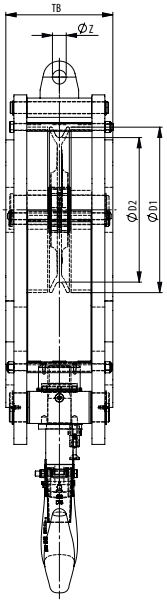
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

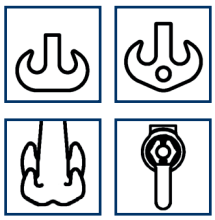
ROPEBLOCK

Fast Reeve **Crane Blocks**

1 sheave







anti-rotation hook locking device

Model Nr.	WLL UStons	For wire ød inch	Hook size	Dimensions (inch)									Weight lbs
				øD1	øD2	B	O	TA	TL	L	T	øZ	
FRB 225.xx.1.12,5.E	13.7	⅜ - 9⁄16	4	10.2	8.9	23.1	2.2	13.6	34	38.2	TBD	TBD	195
FRB 260.xx.1.12,5.E	13.7	7⁄16 - ⅝	4	11.8	10.2	25.7	2.2	15.7	36.9	41.9	TBD	TBD	220
FRB 225.xx.1.16.E	17.6	⅜ - 9⁄16	6	10.2	8.9	23.9	2.8	13.6	34.8	39.7	TBD	TBD	225
FRB 260.xx.1.16.E	17.6	7⁄16 - ⅝	6	11.8	10.2	27.3	2.8	15.7	38.5	43.4	TBD	TBD	265 | 325 | 375
FRB 285.xx.1.16.E	17.6	½ - ¾	6	12.6	11.2	28.5	2.8	16.5	40.3	45.2	TBD	TBD	350
FRB 320.xx.1.16.E	17.6	9⁄16 - ¾	6	14.4	12.6	28.7	2.8	17.7	41.8	16.8	TBD	TBD	350
FRB 355.xx.1.16.E	17.6	9⁄16 - ⅞	6	16.1	14	31	2.8	19.7	44.6	49.7	TBD	TBD	500 | 550
FRB 260.xx.1.20.E	22	7⁄16 - ⅝	8	11.8	10.2	29.4	3.1	15.7	40.7	46	TBD	TBD	285 | 375 | 425
FRB 285.xx.1.20.E	22	½ - ¾	8	12.6	11.2	30.6	3.1	16.5	42.4	47.8	TBD	TBD	350
FRB 320.xx.1.20.E	22	9⁄16 - ¾	8	14.4	12.6	30.2	3.1	17.7	43.3	48.7	TBD	TBD	350 | 425 | 475
FRB 355.xx.1.20.E	22	9⁄16 - ⅞	8	16.1	14	33.6	3.1	19.7	47.2	52.5	TBD	TBD	550 | 660
FRB 355.xx.1.25.E	27.5	9⁄16 - ⅞	8	16.1	14	33.4	3.1	19.7	47	52.5	TBD	TBD	550 | 750
FRB 400.xx.1.25.E	27.5	⅝ - 1	8	18.1	15.7	34.8	3.1	22.4	49.5	55.2	TBD	TBD	700 | 750
FRB 400.xx.1.26.E	28.5	⅝ - 1	8	18.1	15.7	34.8	3.1	22.4	49.5	55.2	TBD	TBD	1100
FRB 400.xx.1.29.E	32	⅝ - 1	8	18.1	15.7	34.8	3.1	22.4	49.9	55.6	TBD	TBD	800
FRB 450.xx.1.29.E	32	¾ - 1 ⅛	8	20.3	17.7	37.3	3.1	23.6	51.4	59.3	TBD	TBD	650 | 800
FRB 450.xx.1.32.E	35	¾ - 1 ⅛	10	20.3	17.7	39.5	3.5	23.6	56.1	62.7	TBD	TBD	1100 | 1320
FRB 528.xx.1.32.E	35	⅞ - 1 ¼	10	23.4	20.8	40.5	3.5	28	58.7	65.3	TBD	TBD	1100 | 1320 | 1500 | 1800
FRB 670.xx.1.32.E	35	1 - 1 ½	10	29.9	26.4	41.3	3.5	34.3	63.3	70.3	TBD	TBD	1700
FRB 450.xx.1.40.E	45	¾ - 1 ⅛	12	20.3	17.7	42.3	3.9	23.6	58.9	65.9	TBD	TBD	1300 | 1500
FRB 528.xx.1.40.E	45	⅞ - 1 ¼	12	23.4	20.8	43.9	3.9	28	62.7	69.7	TBD	TBD	1500 | 1700 | 1875 | 2000
FRB 450.xx.1.50.E	55	¾ - 1 ⅛	12	20.3	17.7	43.1	3.9	23.6	59.6	67.2	TBD	TBD	1300 | 1500
FRB 528.xx.1.50.E	55	⅞ - 1 ¼	12	23.4	20.8	43.7	3.9	28	62.6	70.1	TBD	TBD	1500 | 1700 | 1875 | 2000
FRB 575.xx.1.50.E	55	15⁄16 - 1 ¼	12	25.6	22.6	45	3.9	30.3	64.9	72.9	TBD	TBD	2200
FRB 630.xx.1.50.E	55	1 - 1 ⅜	12	27.9	24.8	43.6	3.9	35.4	64.7	72.1	TBD	TBD	1800 / 3500 / 5300*
FRB 670.xx.1.50.E	55	1 - 1 ½	12	29.9	26.4	44.1	3.9	34.3	66.3	73.7	TBD	TBD	2000 | 2600 | 3000
FRB 670.xx.1.64.E	70	1 - 1 ½	16	29.9	26.4	49.1	4.4	34.3	71.4	79.3	TBD	TBD	2200 | 2600 | 3000

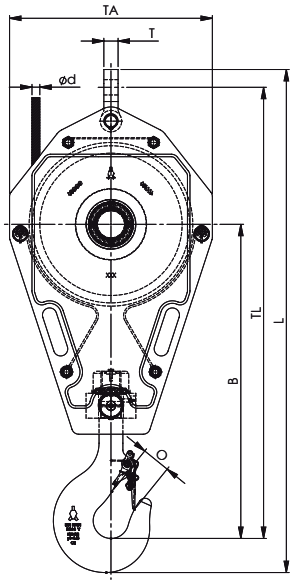
NOTE xx = to be replaced by metric wire size in final part number; TBD = these dimensions vary with wire size
* = blocks can be fitted with removable / interchangeable cheek weights

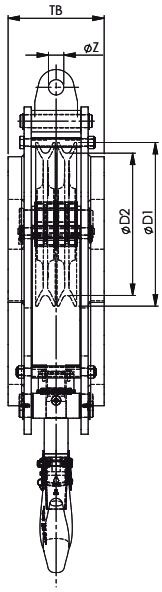
Minimum Ultimate Strength = 4 x WLL

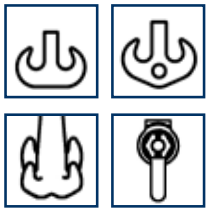
- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; other wire rope sizes available for each model upon request.
- Refer to wire rope manufacturers D/d ratio guideline.
- Hook locking pin included on all blocks 45UStons and higher.

Fast Reeve **crane Blocks**

2 sheaves







- Double hook
- Double hook with shackle hole
- Quad hook
- Shackle stud eye

Model Nr.	WLL	For wire ød	Dimensions (inch)										Weight
	UStons	inch	øD1	øD2	B	O	TA	TB	TL	L	T	øZ	lbs
FRB 225.xx.2.16.E	17.6	⅜ - 9⁄16	10.2	8.9	23.9	2.8	13.6	7.1	34.8	39.7	TBD	TBD	265
FRB 260.xx.2.16.E	17.6	7⁄16 - ⅝	11.8	10.2	27.3	2.8	15.7	6.5	38.5	43.4	TBD	TBD	285
FRB 260.xx.2.20.E	22	7⁄16 - ⅝	11.8	10.2	29.4	3.1	15.7	6.5	40.7	46.0	TBD	TBD	285
FRB 285.xx.2.20.E	22	½ - ¾	14.4	11.2	30.6	3.1	16.5	6.5	42.4	47.8	TBD	TBD	350
FRB 320.xx.2.20.E	22	9⁄16 - ¾	14.4	12.6	30.2	3.1	17.7	7.1	43.3	48.7	TBD	TBD	350
FRB 320.xx.2.25.EA	27.5	9⁄16 - ¾	14.4	12.6	30.0	3.1	17.7	9.1	43.1	48.5	TBD	TBD	450
FRB 320.xx.2.25.EB	27.5	9⁄16 - ¾	14.4	12.6	30.0	3.1	17.7	9.1	43.1	48.5	TBD	TBD	495
FRB 355.xx.2.29.E	32	9⁄16 - ⅞	16.1	14.0	33.4	3.1	19.7	8.9	47.0	52.5	TBD	TBD	585
FRB 400.xx.2.29.E	32	⅝ - 1	18.1	15.7	34.4	3.1	22.4	9.4	49.3	54.8	TBD	TBD	750
FRB 450.xx.2.32.E	35	¾ - 1 ⅛	20.3	17.7	39.5	3.5	23.6	9.8	55.7	61.9	TBD	TBD	1100
FRB 450.xx.2.50.E	55	¾ - 1 ⅛	20.3	17.7	42.3	3.9	23.6	13.1	58.9	65.9	TBD	TBD	1500
FRB 450.xx.2.55.EB	60	¾ - 1 ⅛	20.3	17.7	42.3	4.4	23.6	14.3	58.9	66.5	TBD	TBD	1600
FRB 450.xx.2.55.E	60	¾ - 1 ⅛	20.3	17.7	42.3	4.4	23.6	14.3	58.9	66.5	TBD	TBD	2000
FRB 528.xx.2.70.E	77	⅞ - 1 ¼	23.4	20.8	47.3	4.4	28.0	15.1	65.2	72.8	TBD	TBD	2200
FRB 528.xx.2.82.E	90	⅞ - 1 ¼	23.4	20.8	50.1	4.9	28.0	16.2	68.9	77.6	TBD	TBD	2350
FRB 670.xx.2.100.E	110	1 - 1 ½	29.9	26.4	52.4	4.9	34.3	19.0	74.7	83.5	TBD	TBD	4930

Minimum Ultimate Strength = 4 x WLL.

NOTE xx = To be replaced by metric wire size in final part number ■ TBD = These dimensions vary with wire size ■ Hook locking pin included on all blocks 40M ton and higher

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

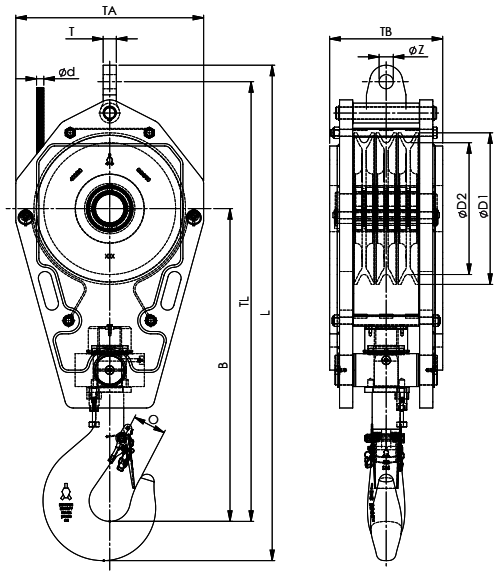
Associated WIRE ROPE & RIGGING

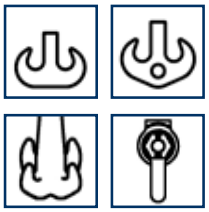
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Fast Reeve **crane Blocks**

3 sheaves >>





- Double hook
- Double hook with shackle hole
- Quad hook
- Shackle stud eye

Model Nr.	WLL	For wire ød	Dimensions (inch)										Weight
	UStons	inch	øD1	øD2	B	O	TA	TB	TL	L	T	øZ	lbs
FRB 225.xx.3.20.EB	22	⅜ - 9⁄16	10.2	8.9	28.3	3.1	13.6	7.1	39.1	44.4	TBD	TBD	410
FRB 260.xx.3.20.EB	22	7⁄16 - ⅝	11.8	10.2	28.5	3.1	15.7	8.7	40.1	45.4	TBD	TBD	410
FRB 260.xx.3.25.E	27.5	7⁄16 - ⅝	11.8	10.2	27.5	3.1	15.7	10.2	39.1	44.4	TBD	TBD	465
FRB 285.xx.3.29.EB	32	½ - ¾	12.6	11.0	27.7	3.5	16.5	10.2	39.9	45.2	TBD	TBD	460
FRB 320.xx.3.29.EA	32	9⁄16 - ¾	14.4	12.6	30.0	3.1	17.7	8.7	43.1	48.5	TBD	TBD	460
FRB 320.xx.3.29.EB	32	9⁄16 - ¾	14.4	12.6	30.0	3.1	17.7	9.1	43.1	48.5	TBD	TBD	495
FRB 260.xx.3.32.E	35	7⁄16 - ⅝	11.8	10.2	28.9	3.5	15.7	9.4	40.5	46.3	TBD	TBD	465
FRB 260.xx.3.32.EA	35	7⁄16 - ⅝	11.8	10.2	28.9	3.5	15.7	10.4	40.5	46.3	TBD	TBD	525
FRB 285.xx.3.32.EB	35	½ - ¾	12.6	11.0	30.0	3.5	16.5	9.4	42.2	48.0	TBD	TBD	505
FRB 355.xx.3.35.EA	38.5	9⁄16 - ⅞	16.1	14.0	34.0	3.5	19.7	9.4	47.6	53.5	TBD	TBD	700
FRB 355.xx.3.35.EB	38.5	9⁄16 - ⅞	16.1	14.0	34.0	3.5	19.7	10.6	47.6	53.5	TBD	TBD	825
FRB 355.xx.3.37.EB	40	9⁄16 - ⅞	16.1	14.0	34.0	3.5	19.7	11.0	47.6	53.5	TBD	TBD	825
FRB 360.xx.3.40.E	45	⅝ - ⅞	16.5	14.2	35.4	3.9	20.1	13.5	49.4	55.8	TBD	TBD	1000
FRB 400.xx.3.40.E	45	⅝ - 1	18.1	15.7	36.5	3.9	22.4	13.5	52.1	58.5	TBD	TBD	1000
FRB 360.xx.3.50.E	55	⅝ - ⅞	16.5	14.2	35.4	3.9	20.1	15.8	49.4	56.3	TBD	TBD	1200
FRB 400.xx.3.50.EA	55	⅝ - 1	18.1	15.7	37.4	3.9	22.4	13.5	52.1	59.1	TBD	TBD	1100
FRB 400.xx.3.50.EB	55	⅝ - 1	18.1	15.7	37.4	3.9	22.4	13.5	52.1	59.3	TBD	TBD	1200
FRB 360.xx.3.55.EA	60	⅝ - ⅞	16.5	14.2	35.4	3.9	20.1	11.9	49.3	55.8	TBD	TBD	900
FRB 360.xx.3.55.EB	60	⅝ - ⅞	16.5	14.2	35.4	3.9	20.1	15.4	49.3	55.8	TBD	TBD	1200

>>

Minimum Ultimate Strength = 4 x WLL.

NOTE xx = To be replaced by metric wire size in final part number ■ TBD = These dimensions vary with wire size ■ Hook locking pin included on all blocks 40M ton and higher

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

Associated WIRE ROPE & RIGGING

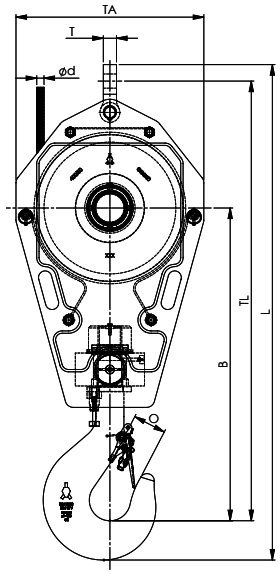
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

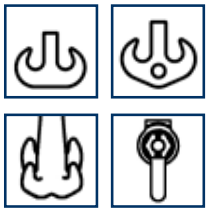
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

<< Fast Reeve **crane Blocks**

3 sheaves





- Double hook
- Double hook with shackle hole
- Quad hook
- Shackle stud eye

Model Nr.	WLL	For wire ød	Dimensions (inch)										Weight
	UStons	inch	øD1	øD2	B	O	TA	TB	TL	L	T	øZ	lbs
FRB 400.xx.3.55.EA	60	⅝ - 1	18.1	15.7	37.4	3.9	22.4	13.5	52.1	59.1	TBD	TBD	1100
FRB 400.xx.3.55.EB	55	⅝ - 1	18.1	15.7	37.4	3.9	22.4	13.5	52.1	59.3	TBD	TBD	1200
FRB 450.xx.3.64.EA	70	¾-1 ⅛	20.3	17.7	40.9	4.4	23.6	13.1	57.2	64.8	TBD	TBD	1500
FRB 450.xx.3.64.EB	70	¾ -1 ⅛	20.3	17.7	40.9	4.4	23.6	14.3	57.2	64.8	TBD	TBD	1600
FRB 450.xx.3.70.EA	77	¾ -1 ⅛	20.3	17.7	41.1	4.4	23.6	13.1	57.4	64.6	TBD	TBD	1500
FRB 450.xx.3.70.EB	77	¾ -1 ⅛	20.3	17.7	41.1	4.4	23.6	14.3	57.4	64.6	TBD	TBD	1700
FRB 450.xx.3.70.EC	77	¾-1 ⅛	20.3	17.7	41.1	4.4	23.6	14.7	57.4	64.6	TBD	TBD	1800
FRB 528.xx.3.70.E	77	⅞-1 ¼	23.4	20.8	47.6	4.4	28.0	15.1	65.9	73.5	TBD	TBD	2350
FRB 450.xx.3.82.EA	90	¾-1 ⅛	20.3	17.7	46.5	4.9	23.6	15.0	62.8	70.7	TBD	TBD	1800
FRB 450.xx.3.82.EB	90	¾ -1 ⅛	20.3	17.7	46.5	4.9	23.6	18.2	62.8	70.7	TBD	TBD	2200
FRB 528.xx.3.82.E	90	⅞-1 ¼	23.4	20.8	50.1	4.9	28.0	16.2	68.3	76.6	TBD	TBD	2500
FRB 528.xx.3.82.EB	90	⅞-1 ¼	23.4	20.8	50.1	4.9	28.0	16.2	68.3	76.6	TBD	TBD	2800
FRB 528.xx.3.100.E	110	⅞-1 ¼	23.4	20.8	53.7	5.5	28.0	18.2	71.9	80.9	TBD	TBD	3000
FRB 575.xx.3.100.E	110	15⁄16 -1 ¼	25.6	22.6	51.3	5.5	30.3	17.0	71.2	80.6	TBD	TBD	3000
FRB 670.xx.3.100.EA	110	1-1 ½	29.9	26.4	55.2	5.5	34.3	14.3	77.5	87.0	TBD	TBD	3000
FRB 670.xx.3.100.EB	110	1-1 ½	29.9	26.4	55.2	5.5	34.3	16.2	77.5	87.0	TBD	TBD	3500
FRB 670.xx.3.100.EC	110	1-1 ½	29.9	26.4	55.2	5.5	34.3	17.8	77.5	87.0	TBD	TBD	4000
FRB 670.xx.3.125.E	137.5	1-1 ½	29.9	26.4	56.2	5.5	34.3	24.5	78.5	87.9	TBD	TBD	6380
FRB 670.xx.3.137.D	150	1-1 ½	29.9	26.4	0.0	6.3	0.0	41.0	0.0	0.0	TBD	TBD	8600

<<

Minimum Ultimate Strength = 4 x WLL.

NOTE xx = To be replaced by metric wire size in final part number ■ TBD = These dimensions vary with wire size ■ Hook locking pin included on all blocks 40M ton and higher

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

Associated WIRE ROPE & RIGGING

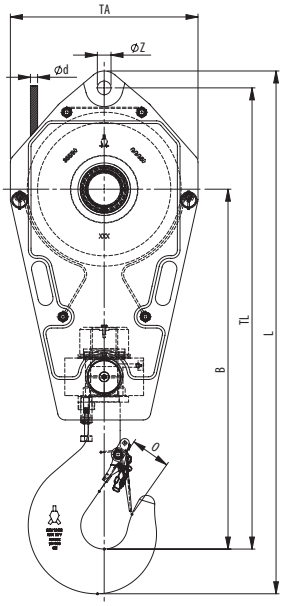
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

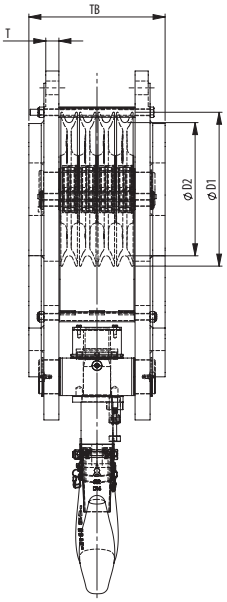
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

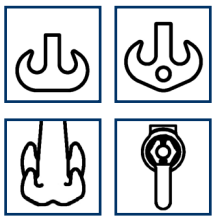
ROPEBLOCK

Fast Reeve **Crane Blocks**

4 sheaves







anti-rotation hook locking device

Model Nr.	WLL UStons	For wire ød inch	Hook size	Dimensions (inch)									Weight lbs
				øD1	øD2	B	O	TA	TL	L	T	øZ	
FRB 355.xx.4.35.E	38.5	9/16 - 7/8	10	16.1	14	36.7	3.5	19.7	47.4	53.1	TBD	TBD	925
FRB 320.xx.4.37.E	40	9/16 - 3/4	10	14.4	12.6	29.6	3.5	17.7	39	44.8	TBD	TBD	700
FRB 355.xx.4.37.E	40	9/16 - 7/8	10	16.1	14	34	3.5	19.7	44.6	50.4	TBD	TBD	620
FRB 320.xx.4.41.E	45	9/16 - 3/4	12	14.4	12.6	34.6	3.9	17.7	43.9	50.2	TBD	TBD	760
FRB 355.xx.4.46.E	50	9/16 - 7/8	12	16.1	14	37.7	3.9	19.7	48.1	54.2	TBD	TBD	1000
FRB 355.xx.4.55.E	60	9/16 - 7/8	12	16.1	14	37.8	3.9	19.7	48.4	54.8	TBD	TBD	1100
FRB 400.xx.4.70.E	77	5/8 - 1	16	18.1	15.7	40.9	4.4	22.4	52.5	57.7	TBD	TBD	1500
FRB 450.xx.4.70.E	77	3/4 - 1 1/8	16	20.3	17.7	40.9	4.4	23.6	57	62.2	TBD	TBD	1650 | 1800
FRB 528.xx.4.70.E	77	7/8 - 1 1/4	16	23.4	20.8	42.7	4.4	27.9	57.7	65.1	TBD	TBD	2800
FRB 528.xx.4.82.E	90	7/8 - 1 1/4	20	23.4	20.8	50.1	4.9	28	68.3	74.3	TBD	TBD	2800
FRB 528.xx.4.100.E	110	7/8 - 1 1/4	25	23.4	20.8	50.7	5.5	28	68.6	75.3	TBD	TBD	2800
FRB 528.xx.4.105.E	115	7/8 - 1 1/4	25	23.4	20.8	52.1	5.5	28	67.6	77.1	TBD	TBD	3850
FRB 528.xx.4.137,5.E	150	7/8 - 1 1/4	32	23.4	20.8	54.6	6.3	28	69.8	79.9	TBD	TBD	3150
FRB 575.xx.4.137,5.E	150	15/16 - 1 1/4	32	25.6	22.6	55.6	6.3	30.3	72.2	82.1	TBD	TBD	3000
FRB 670.xx.4.137,5.E	150	1 - 1 1/2	32	29.9	26.4	56.7	6.3	34.3	75.7	86	TBD	TBD	3200

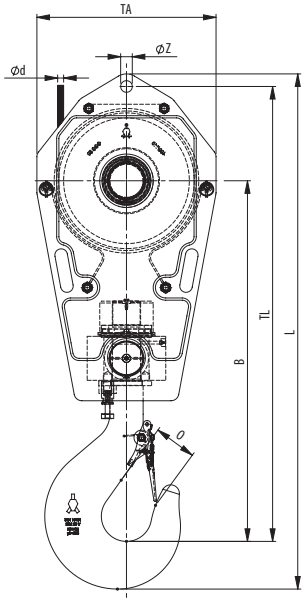
NOTE xx = to be replaced by metric wire size in final part number; TBD = these dimensions vary with wire size
* = blocks can be fitted with removable / interchangeable cheek weights

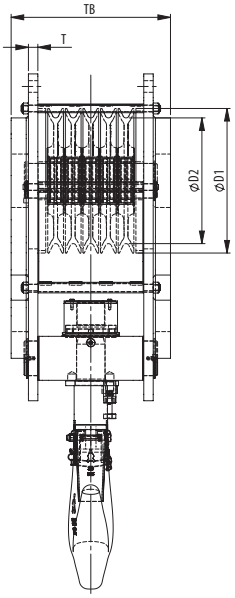
Minimum Ultimate Strength = 4 x WLL

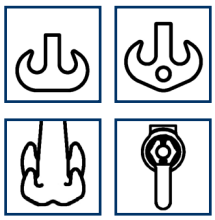
- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; other wire rope sizes available for each model upon request.
- Refer to wire rope manufacturers D/d ratio guideline.
- Hook locking pin included on all blocks 45UStons and higher.

Fast Reeve **Crane Blocks**

5 sheaves







anti-rotation hook locking device

Model Nr.	WLL UStons	For wire ød inch	Hook size	Dimensions (inch)									Weight lbs
				øD1	øD2	B	O	TA	TL	L	T	øZ	
FRB 355.xx.5.55.E	60	9/16 - 7/8	12	16.1	14	37.8	3.9	19.7	48.2	52.8	TBD	TBD	1100 | 1280
FRB 360.xx.5.64.E	70	5/8 - 7/8	16	16.5	14.2	39.3	4.4	20.1	49.9	56.8	TBD	TBD	1340 | 1550
FRB 360.xx.5.70.E	77	5/8 - 7/8	16	16.5	14.2	39.3	4.4	20.1	49.9	56.8	TBD	TBD	1340 | 1550
FRB 360.xx.5.72.E	80	5/8 - 7/8	16	16.5	14.2	39.6	4.4	20.1	50.2	57.1	TBD	TBD	1340 | 1550
FRB 400.xx.5.82.E	90	5/8 - 1	20	18.1	15.7	45.2	4.9	22.4	57	62.9	TBD	TBD	1477 | 1540 | 1600 | 1800
FRB 400.xx.5.91.E	100	5/8 - 1	20	18.1	15.7	45.2	4.9	22.4	57	65.2	TBD	TBD	2250
FRB 450.xx.5.91.E	100	3/4 - 1 1/8	20	20.3	17.7	46.7	4.9	23.6	59.9	67.9	TBD	TBD	2250
FRB 400.xx.5.95.E	105	5/8 - 1	20	18.1	15.7	40.7	4.9	22.4	53.1	59.9	TBD	TBD	2250 | 2870
FRB 400.xx.5.100.E	110	5/8 - 1	20	18.1	15.7	40.7	4.9	22.4	53.1	59.9	TBD	TBD	2250
FRB 450.xx.5.100.E	110	3/4 - 1 1/8	25	20.3	17.7	49.7	5.5	23.6	62.9	69.6	TBD	TBD	1900 | 2200 | 2250 | 2510
FRB 528.xx.5.100.E	110	7/8 - 1 1/4	25	23.4	20.8	49.9	5.5	28	65.9	74.6	TBD	TBD	2500 | 2800
FRB 528.xx.5.100.E	110	7/8 - 1 1/4	25	23.4	20.8	50.9	5.5	31.1	66	75.1	TBD	TBD	2860 / 3960 / 5060*
FRB 575.xx.5.100.D	110	15/16 - 1 1/4	25	25.6	22.6	33.7	5.5	30.3	70.2	78.4	TBD	TBD	2860 / 3960 / 5060*
FRB 528.xx.5.119.E	130	7/8 - 1 1/4	25	23.4	20.8	52.1	5.5	27.9	67.6	76.6	TBD	TBD	3300
FRB 450.xx.5.125.D	137.5	3/4 - 1 1/8	32	20.3	17.7	50.7	6.3	23.6	63.7	72.1	TBD	TBD	3630
FRB 528.xx.5.125.E	137.5	7/8 - 1 1/4	32	23.4	20.8	52.5	6.3	28	67.8	75.3	TBD	TBD	3500 | 3960
FRB 450.xx.5.137.D	150	3/4 - 1 1/8	32	20.3	17.7	50.8	6.3	23.6	64.6	72	TBD	TBD	3630
FRB 528.xx.5.137.E	150	7/8 - 1 1/4	32	23.4	20.8	54.4	6.3	28	69.8	79.7	TBD	TBD	3500
FRB 670.xx.5.137.D	150	1 - 1 1/2	32	29.9	26.4	56.6	6.3	34.3	75.7	85.3	TBD	TBD	6000*
FRB 630.xx.5.150.E	165	1 - 1 3/8	32	27.9	24.8	58.8	6.3	32.7	77.9	85.4	TBD	TBD	4600 / 6100*
FRB 528.xx.5.160.E	176	7/8 - 1 1/4	40	23.4	20.8	59.1	7.1	28	77.9	86.3	TBD	TBD	4000 | 4500
FRB 575.xx.5.160.E	176	15/16 - 1 1/4	40	25.6	22.6	62.6	7.1	30.3	79.2	87.5	TBD	TBD	5500
FRB 630.xx.5.160.D	176	1 - 1 3/8	40	27.9	24.8	57.6	7.1	32.7	75.3	85.4	TBD	TBD	5500
FRB 670.xx.5.160.E	176	1 - 1 1/2	40	29.9	26.4	62.6	7.1	34.3	81.1	92	TBD	TBD	6000*
FRB 528.xx.5.182.DB	200	7/8 - 1 1/4	40	23.4	20.8	58.1	7.1	27.9	73.4	86.5	TBD	TBD	3860
FRB 575.xx.5.182.D	200	15/16 - 1 1/4	40	25.6	22.6	62.6	7.1	30.3	79.2	90.2	TBD	TBD	5500
FRB 630.xx.5.182.E	200	1 - 1 3/8	40	27.9	24.8	62.3	7.1	32.7	79.4	89.8	TBD	TBD	5500
FRB 670.xx.5.182.D	200	1 - 1 1/2	40	29.9	26.4	67.6	7.1	34.3	86.9	96.1	TBD	TBD	6000*
FRB 630.xx.5.200.D	220	1 - 1 3/8	50	27.9	24.8	63.9	7.9	35.4	86.1	96.8	TBD	TBD	5000 up to 15400*

NOTE xx = to be replaced by metric wire size in final part number; TBD = these dimensions vary with wire size
* = blocks can be fitted with removable / interchangeable cheek weights

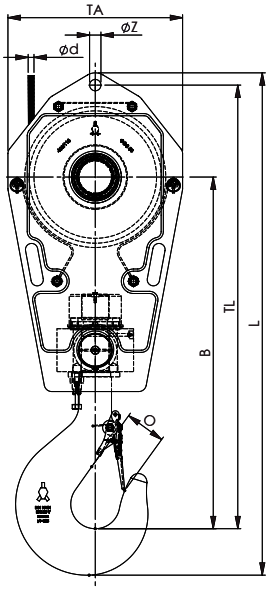
Minimum Ultimate Strength = 4 x WLL

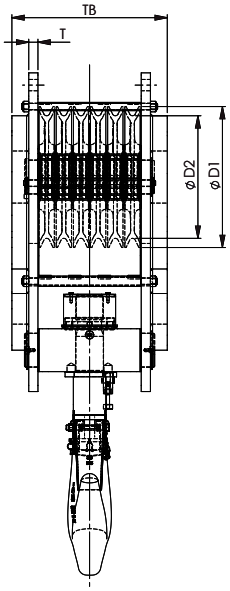
- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; other wire rope sizes available for each model upon request.
- Refer to wire rope manufacturers D/d ratio guideline.
- Hook locking pin included on all blocks 45UStons and higher.

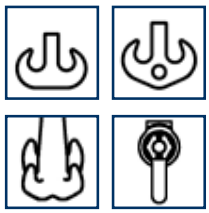
SEE OUR WARNING AND SAFETY INFORMATION

Fast Reeve **crane Blocks**

6 sheaves







- Double hook
- Double hook with shackle hole
- Quad hook
- Shackle stud eye

Model Nr.	WLL	For wire ød	Dimensions (inch)										Weight
	UStons	inch	øD1	øD2	B	O	TA	TB	TL	L	T	øZ	lbs
FRB 360.xx.6.64.E	70	⅝ - ⅞	16.5	14.2	38.3	4.4	20.1	20.6	48.9	50.3	TBD	TBD	1495
FRB 400.xx.6.64.E	70	⅝ - 1	18.1	15.7	41.9	4.4	22.4	20.0	53.7	60.5	TBD	TBD	1700
FRB 400.xx.6.82.E	90	⅝ - 1	18.1	15.7	45.2	4.9	22.4	20.0	57.0	62.9	TBD	TBD	1800
FRB 450.xx.6.82.E	90	¾ - 1 ⅛	20.3	17.7	46.7	4.9	23.6	19.8	62.2	68.1	TBD	TBD	2000
FRB 450.xx.6.100.E	110	¾ - 1 ⅛	20.3	17.7	49.7	5.5	23.6	22.9	62.9	69.6	TBD	TBD	2500
FRB 528.xx.6.100.E	110	⅞ - 1 ¼	23.4	20.8	50.1	5.5	28.0	19.0	64.9	73.4	TBD	TBD	2500
FRB 528.xx.6.137.E	150	⅞ - 1 ¼4	23.4	20.8	52.5	6.3	28.0	23.7	67.8	77.8	TBD	TBD	3500
FRB 528.xx.6.150.E	165	⅞ - 1 ¼	23.5	20.8	61.1	7.1	28.0	25.3	79.5	87.9	TBD	TBD	4000
FRB 528.xx.6.160.E	176	⅞ - 1 ¼	23.5	20.8	62.2	7.1	28.0	26.9	77.4	85.7	TBD	TBD	4275
FRB 528.xx.6.160.EB	176	⅞ - 1 ¼	23.5	20.8	62.2	7.1	28.0	26.9	77.8	86.1	TBD	TBD	4500
FRB 528.xx.6.182.E	200	⅞ - 1 ¼	23.5	20.8	63.0	7.1	28.0	25.3	79.5	87.9	79.5	2232	4500
FRB 528.xx.6.200.E	220	⅞ - 1 ¼	23.5	20.8	63.0	7.9	28.0	25.3	79.5	87.9	79.5	2232	5500
FRB 575.xx.6.182.E	200	15⁄16 - 1 ¼	25.6	22.6	61.1	7.1	30.3	24.5	77.4	88.4	TBD	TBD	4500
FRB 575.xx.6.182.EB	200	15⁄16 - 1 ¼	25.6	22.6	61.1	7.1	30.3	27.2	77.4	88.4	TBD	TBD	5500
FRB 575.xx.6.209.E	230	15⁄16 - 1 ¼	25.6	22.6	65.4	7.9	30.3	23.7	81.9	91.2	TBD	TBD	6500
FRB 670.xx.6.235.E	258.5	1 - 1 ½	29.9	26.4	67.6	7.9	34.3	37.5	86.9	96.1	TBD	TBD	9150

Minimum Ultimate Strength = 4 x WLL.

NOTE xx = To be replaced by metric wire size in final part number ■ TBD = These dimensions vary with wire size ■ Hook locking pin included on all blocks 40M ton and higher

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

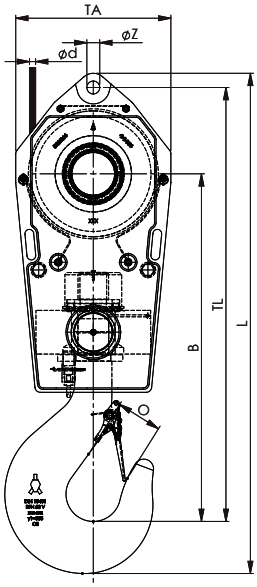
Associated WIRE ROPE & RIGGING

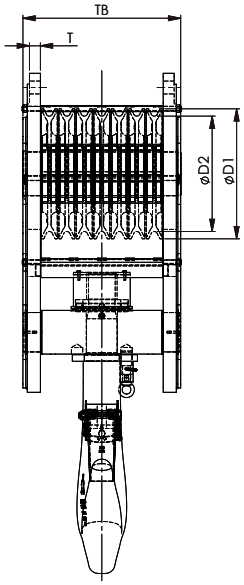
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

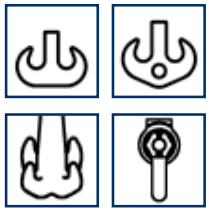
ROPEBLOCK

Fast Reeve **crane Blocks**

7 sheaves







- Double hook
- Double hook with shackle hole
- Quad hook
- Shackle stud eye

Model Nr.	WLL	For wire ød	Dimensions (inch)										Weight
	UStons	inch	øD1	øD2	B	O	TA	TB	TL	L	T	øZ	lbs
FRB 355.xx.7.75.E	82.5	9/16 - 7/8	16.1	14.0	1005.0	4.4	500.0	557.0	1275.0	1454.0	TBD	TBD	1600
FRB 355.xx.7.100.E	110	9/16 - 7/8	16.1	14.0	1108	5.5	500.0	637.0	1378	1574.0	TBD	TBD	2000
FRB 400.xx.7.100.E	110	9/16 - 7/8	18.1	15.7	1107.0	5.5	570.0	636.0	1412.5	1610.0	TBD	TBD	2400
FRB 450.xx.7.125.E	137.5	3/4 - 1 1/8	23.5	20.8	1313.0	6.3	600.0	577.0	1668.0	1858.0	TBD	TBD	3520
FRB 450.xx.7.137.E	150	3/4 - 1 1/8	20.3	17.7	1378.0	6.3	600.0	642.0	1712.9	1955.0	TBD	TBD	3100
FRB 450.xx.7.160.E	176	3/4 - 1 1/8	23.5	20.8	1416.0	7.1	600.0	682.0	1771.0	1983.0	TBD	TBD	4000
FRB 528.xx.7.160.E	176	7/8 - 1 1/4	23.5	20.8	1581.0	7.1	710.0	682.0	2017.0	2229.0	TBD	TBD	4620
FRB 528.xx.7.182.E	200	7/8 - 1 1/4	23.5	20.8	1591.0	7.9	710.0	722.0	2051.0	2287.0	TBD	TBD	5500
FRB 528.xx.7.200.E	220	7/8 - 1 1/4	23.5	20.8	1591.0	7.9	710.0	722.0	2051.0	2287.0	TBD	TBD	5500
FRB 575.xx.7.209.E	230	15/16 - 1 1/4	25.6	22.6	1661.0	7.9	770.0	782.0	2066.0	2354.0	TBD	TBD	6500
FRB 575.xx.7.228.E	250	15/16 - 1 1/4	25.6	22.6	1837.0	8.8	770.0	682.0	2257.0	2522.0	TBD	TBD	6500
FRB 670.xx.7.209.E	230	1 - 1 1/2	29.9	26.4	1602.0	7.9	870.0	742.0	2087.0	2364.0	TBD	TBD	6500
FRB 670.xx.7.228.E	250	1 - 1 1/2	29.9	26.4	1602.0	7.9	870.0	720.0	2087.0	2364.0	TBD	TBD	6500
FRB 670.xx.7.250.DB	275	1 - 1 1/2	29.9	26.4	1852.0	7.1	870.0	942.0	2127.0	2527.0	TBD	TBD	10760
FRB 670.xx.7.272.E	300	1 - 1 1/2	29.9	26.4	1852.0	8.8	870.0	1032.0	2342.0	2607.0	TBD	TBD	10760

Minimum Ultimate Strength = 4 x WLL.

NOTE xx = To be replaced by metric wire size in final part number ■ TBD = These dimensions vary with wire size ■ Hook locking pin included on all blocks 40M ton and higher

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Standard Reeve Crane Blocks

Blocks shown in this section may be used on a wide variety of land based cranes such as mobile and crawler cranes. Standard Reeve Blocks are an excellent choice where frequent easy block change is not a required main feature, or lifting height is limited:

- Double sealed maintenance free roller bearings
- Design Factor of Safety of 4:1
- Forged high tensile steel DIN hooks
- Ductile Iron sheaves, featuring graphite lubricated groove
- High impact resistant side plates
- Operational temperature range: -40 up to +80 ^{0}C / -40 up to +176 ^{0}F
- Lubrication on hook suspension
- Short design for increased lifting height
- Safety latch with locking pin
- C3M finish in signal yellow

Recommended finish

Segment / application	ISO 12944 classification	Classification description	Expected protection duration	DFT (µm)
Construction	C2M	Slightly polluted atmosphere, predominately agriculture areas	5 to 15 year	120
Construction	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	2 to 5 year	120
Construction	**C3M**	**Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air**	**5 to 15 year**	**160**
Cargo handling	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	5 to 15 year	160
Cargo handling	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	280
Cargo handling	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	280
Offshore	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	300
Offshore	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	300
Offshore	C5-MH	Coastal areas and open sea with high salt content in air	more than 15 year	320
Offshore	NORSOK sys. 1*	Open sea with high salt content in air	more than 15 year	300

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

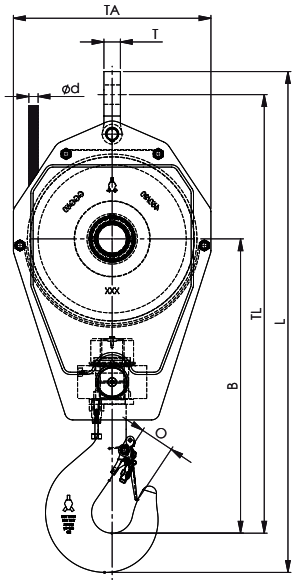
Associated WIRE ROPE & RIGGING

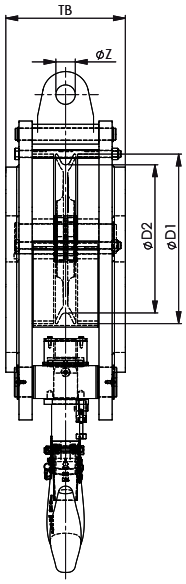
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

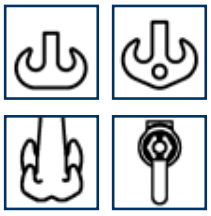
ROPEBLOCK

Standard Reeve **Crane Blocks**

1 sheave







- Double hook
- Double hook with shackle hole
- Quad hook
- Shackle stud eye

Model Nr.	WLL	For wire ød	Dimensions (inch)										Weight
	UStons	inch	øD1	øD2	B	O	TA	TB	TL	L	T	øZ	lbs
SRB 225.xx.1.12.5.E	13.75	⅜ - 9⁄16	10.2	8.9	20.6	2.5	13.6	6.7	31.4	35.9	TBD	TBD	165
SRB 225.xx.1.16.E	17.6	⅜ - 9⁄16	10.2	8.9	21.6	2.5	13.6	7.1	32.4	36.9	TBD	TBD	220
SRB 260.xx.1.12.5.E	13.75	7⁄16 - ⅝	11.8	10.2	21.6	2.5	15.7	7.3	32.8	37.3	TBD	TBD	240
SRB 260.xx.1.16.E	17.6	7⁄16 - ⅝	11.8	10.2	21.6	2.5	15.7	7.3	32.8	37.3	TBD	TBD	240
SRB 285.xx.1.16.E	17.6	½ - ¾	12.6	11.0	23.9	2.8	16.5	6.5	35.7	40.7	TBD	TBD	350
SRB 320.xx.1.16.E	17.6	9⁄16 - ¾	14.4	12.6	24.7	2.8	17.7	8.1	37.4	42.6	TBD	TBD	350
SRB 355.xx.1.16.EA	17.6	9⁄16 - ⅞	16.1	14.0	26.3	2.8	19.7	7.7	39.9	44.8	TBD	TBD	400
SRB 355.xx.1.20.E	22	9⁄16 - ⅞	16.1	14.0	28.1	3.1	19.7	8.9	41.5	47.4	TBD	TBD	550
SRB 400.xx.1.29.E	32	⅝ - 1	18.1	15.7	29.3	3.1	22.4	9.4	44.4	50.1	TBD	TBD	640
SRB 450.xx.1.32.EA	35	¾ - 1 ⅛	20.3	17.7	32.8	3.5	23.6	13.8	49.4	56.0	TBD	TBD	1000
SRB 450.xx.1.32.EB	35	¾ - 1 ⅛	20.3	17.7	32.8	3.5	23.6	16.1	49.4	56.0	TBD	TBD	130
SRB 528.xx.1.32.EA	35	⅞ - 1 ¼	23.5	20.8	35.4	3.5	28.0	10.2	53.6	60.2	TBD	TBD	1050
SRB 528.xx.1.32.EB	35	⅞ - 1 ¼	23.5	20.8	35.4	3.5	28.0	11.8	53.6	60.2	TBD	TBD	1300
SRB 528.xx.1.32.ED	35	⅞ - 1 ¼	23.5	20.8	35.4	3.5	28.0	18.1	53.6	60.2	TBD	TBD	2000
SRB 450.xx.1.40.E	45	¾ - 1 ⅛	20.3	17.7	42.3	3.9	23.6	16.1	58.5	65.6	TBD	TBD	1300
SRB 450.xx.1.50.E	55	¾ - 1 ⅛	20.3	17.7	36.1	3.9	23.8	12.7	52.7	59.7	TBD	TBD	1300
SRB 528.xx.1.50.EB	55	⅞ - 1 ¼	23.5	20.8	36.8	4.4	28.0	13.9	55.6	63.1	TBD	TBD	1650
SRB 575.xx.1.50.E	55	15⁄16 - 1 ¼	25.6	22.6	37.7	4.4	30.3	13.1	57.4	65.4	TBD	TBD	2045
SRB 630.xx.1.64.E	70	1 - 1 ⅜	28.3	24.8	38.8	4.4	32.5	13.9	59.9	68.0	TBD	TBD	2200
SRB 670.xx.1.64.E	70	1 - 1 ½	29.9	26.4	46.2	4.4	34.3	18.6	68.4	76.6	TBD	TBD	3000

Minimum Ultimate Strength = 4 x WLL.

NOTE xx = To be replaced by metric wire size in final part number ■ TBD = These dimensions vary with wire size ■ Hook locking pin included on all blocks 40M ton and higher

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

Associated WIRE ROPE & RIGGING

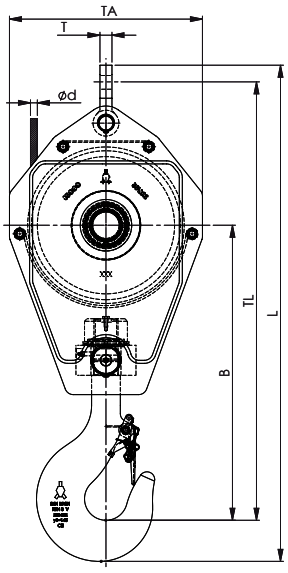
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

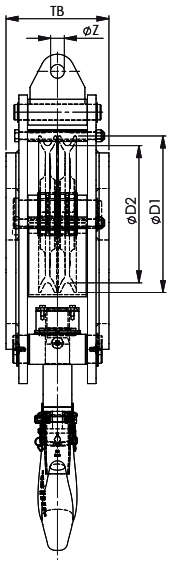
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

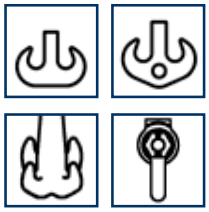
ROPEBLOCK

Standard Reeve **Crane Blocks**

2 sheaves







- Double hook
- Double hook with shackle hole
- Quad hook
- Shackle stud eye

Model Nr.	WLL	For wire ød	Dimensions (inch)										Weight
	UStons	inch	øD1	øD2	B	O	TA	TB	TL	L	T	øZ	lbs
SRB 225.xx.2.16.E	17.6	⅜ - 9⁄16	11.8	10.2	23.3	2.8	15.7	6.5	34.6	39.5	TBD	TBD	240
SRB 260.xx.2.16.E	17.6	7⁄16 - ⅝	11.8	10.2	23.3	2.8	15.7	6.5	34.6	39.5	TBD	TBD	285
SRB 285.xx.2.16.E	17.6	½ - ¾	12.6	11.0	23.9	2.8	16.5	6.5	35.7	40.7	TBD	TBD	210
SRB 285.xx.2.20.EA	22	½ - ¾	12.6	11.0	26.3	3.1	16.5	6.5	38.1	43.4	TBD	TBD	285
SRB 285.xx.2.20.EB	22	½ - ¾	12.6	11.0	26.3	3.1	16.5	7.7	38.1	43.4	TBD	TBD	330
SRB 320.xx.2.20.E	22	9⁄16 - ¾	14.4	12.6	27.1	3.1	17.7	7.7	39.8	45.1	TBD	TBD	350
SRB 320.xx.2.22.E	24	9⁄16 - ¾	14.4	12.6	27.1	3.1	17.7	7.9	39.8	45.6	TBD	TBD	350
SRB 320.xx.2.25.E	27.5	9⁄16 - ¾	14.4	12.6	27.1	3.1	17.7	9.4	39.8	45.1	TBD	TBD	450
SRB 355.xx.2.29.E	32	9⁄16 - ⅞	16.1	14.0	28.1	3.1	19.7	9.6	41.9	47.4	TBD	TBD	550
SRB 400.xx.2.29.E	32	⅝ - 1	18.1	15.7	29.3	3.1	22.4	9.8	44.4	50.1	TBD	TBD	705
SRB 450.xx.2.40.E	45	¾ - 1⅛	20.3	17.7	35.2	3.9	23.6	13.1	52.0	58.1	TBD	TBD	1210
SRB 450.xx.2.50.E	55	¾ - 1⅛	20.3	17.7	35.2	4.4	23.6	13.1	52.0	59.6	TBD	TBD	1210
SRB 528.xx.2.64.E	70	⅞ - 1¼	23.4	20.8	39.5	4.4	28.0	15.9	58.4	65.9	TBD	TBD	2155
SRB 528.xx.2.80.E	88	⅞ - 1¼	23.4	20.8	43.7	4.9	28.0	16.3	62.6	71.2	TBD	TBD	2200
SRB 670.xx.2.100.E	110	1 - 1⅜	29.9	26.4	49.5	4.9	34.3	19.8	71.7	80.4	TBD	TBD	4930

Minimum Ultimate Strength = 4 x WLL.

NOTE xx = To be replaced by metric wire size in final part number ■ TBD = These dimensions vary with wire size ■ Hook locking pin included on all blocks 40M ton and higher

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

Associated WIRE ROPE & RIGGING

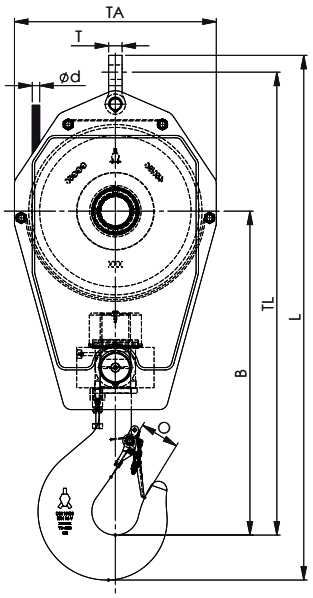
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

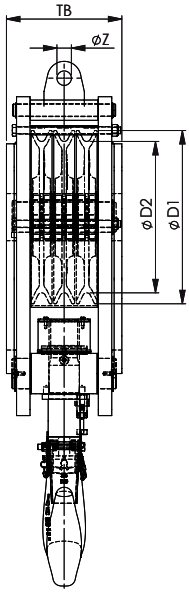
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

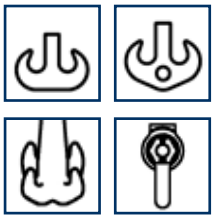
ROPEBLOCK

Standard Reeve **Crane Blocks**

3 sheaves







- Double hook
- Double hook with shackle hole
- Quad hook
- Shackle stud eye

Model Nr.	WLL	For wire ød	Dimensions (inch)										Weight
	UStons	inch	øD1	øD2	B	O	TA	TB	TL	L	T	øZ	lbs
SRB 260.xx.3.25.E	27.5	7/16 - 5/8	11.8	10.2	25.9	3.1	15.7	10.2	37.5	42.8	TBD	TBD	465
SRB 285.xx.3.29.E	32	1/2 - 3/4	12.8	11.2	26.3	3.1	15.7	10.6	38.5	43.8	TBD	TBD	465
SRB 320.xx.3.29.E	32	9/16 - 3/4	14.4	12.6	28.1	3.1	17.7	9.4	41.3	46.6	TBD	TBD	495
SRB 355.xx.3.32.E	35	9/16 - 7/8	16.1	14.0	29.6	3.5	19.7	10.3	43.0	49.0	TBD	TBD	715
SRB 360.xx.3.40.E	44	5/8 - 7/8	16.1	14.2	33.0	3.9	19.7	14.3	46.4	52.8	TBD	TBD	1000
SRB 400.xx.3.40.E	44	5/8 - 1	18.1	15.7	34.0	3.9	22.4	13.9	49.0	55.6	TBD	TBD	1100
SRB 400.xx.3.50.E	55	5/8 - 1	18.1	15.7	34.0	4.4	22.4	13.9	49.0	56.1	TBD	TBD	1100
SRB 400.xx.3.50.E	55	5/8 - 1	18.1	15.7	34.0	4.4	22.4	14.7	49.0	56.1	TBD	TBD	1190
SRB 450.xx.3.64.E	70	3/4 - 1 1/8	20.3	17.7	37.9	4.4	23.6	13.5	54.2	61.3	TBD	TBD	1495
SRB 450.xx.3.64.E	70	3/4 - 1 1/8	20.3	17.7	37.9	4.4	23.6	15.1	54.2	61.7	TBD	TBD	1695
SRB 450.xx.3.70.E	77	3/4 - 1 1/8	20.3	17.7	38.3	4.4	23.6	11.1	55.0	62.9	TBD	TBD	1650
SRB 528.xx.3.82.E	90	7/8 - 1 1/4	23.4	20.8	44.6	4.9	28.0	18.2	63.5	71.7	TBD	TBD	2500
SRB 528.xx.3.100.E	110	7/8 - 1 1/4	23.4	20.8	48.1	5.5	28.0	18.2	66.3	75.3	TBD	TBD	2800
SRB 670.xx.3.125.E	137.5	1 - 1 3/8	29.9	26.4	53.3	5.5	34.3	25.3	75.5	85.0	TBD	TBD	6380

Minimum Ultimate Strength = 4 x WLL.

NOTE xx = To be replaced by metric wire size in final part number ■ TBD = These dimensions vary with wire size ■ Hook locking pin included on all blocks 40M ton and higher

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.

Associated WIRE ROPE & RIGGING

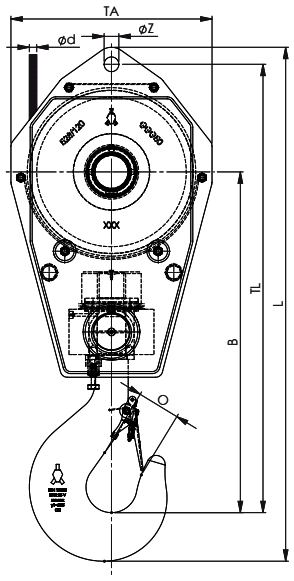
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

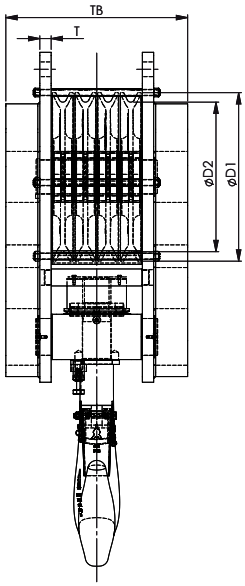
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

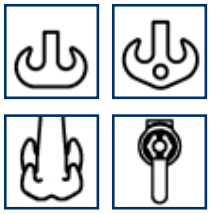
ROPEBLOCK

Standard Reeve **Crane Blocks**

4 sheaves







- Double hook
- Double hook with shackle hole
- Quad hook
- Shackle stud eye

Model Nr.	WLL	For wire ød	Dimensions (inch)										Weight
	UStons	inch	øD1	øD2	B	O	TA	TB	TL	L	T	øZ	lbs
SRB 285.xx.4.35.E	38.5	½ - ¾	12.8	11.2	660	3.5	400	346	920	1026	TBD	TBD	570
SRB 355.xx.4.50.E	55	9⁄16 - ⅞	16.1	14.0	839	4.4	500	392	1114	1291	TBD	TBD	1045
SRB 528.xx.4.55.E	60	⅞ - 1 ¼	23.5	20.8	979	3.9	710	550	1359	1538	TBD	TBD	2600
SRB 400.xx.4.64.E	70	⅝ - 1	18.1	15.7	905	4.4	570	373	1200	1382	TBD	TBD	1155
SRB 450.xx.4.64.E	70	¾ - 1 ⅛	20.3	17.7	965	4.4	600	413	1321	1503	TBD	TBD	1595
SRB 528.xx.4.70.E	77	⅞ - 1 ¼	23.5	20.8	1025	4.4	710	532	1405	1599	TBD	TBD	2850
SRB 450.xx.4.82.E	90	¾ - 1 ⅛	20.3	17.7	1047	4.9	600	493	1310	1520	TBD	TBD	2110
SRB 450.xx.4.82.E	90	¾ - 1 ⅛	20.3	17.7	1047	4.9	600	493	1310	1520	TBD	TBD	2110
SRB 450.xx.4.100.E	110	¾ - 1 ⅛	20.3	17.7	1188	5.5	600	602	1528	1750	TBD	TBD	3200
SRB 528.xx.4.105.E	115.5	⅞ - 1 ¼	23.4	20.8	1223	5.5	710	512	1593	1823	TBD	TBD	3900
SRB 670.xx.4.160.E	176	1 - 1 ⅜	29.9	26.4	1541	7.1	870	682	2106	2388	TBD	TBD	6930
SRB 710.xx.4.105.E	115.5	1 ⅛ - 1 ½	31.5	28.0	1353	5.5	900	442	1878	2145	TBD	TBD	3000

Minimum Ultimate Strength = 4 x WLL.

NOTE xx = To be replaced by metric wire size in final part number ■ TBD = These dimensions vary with wire size ■ Hook locking pin included on all blocks 40M ton and higher

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

Associated WIRE ROPE & RIGGING

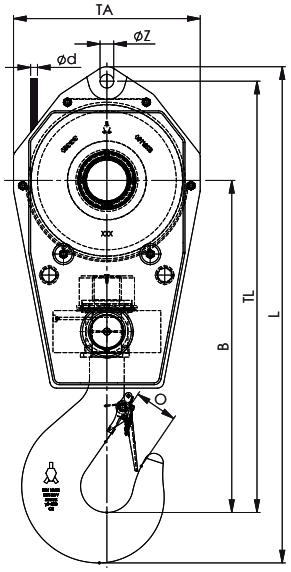
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

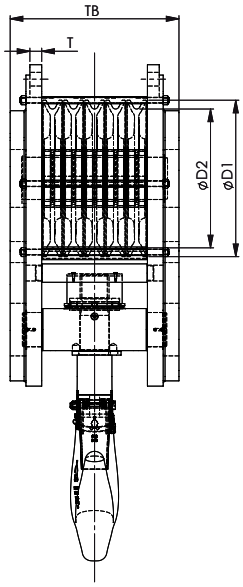
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

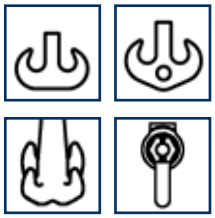
ROPEBLOCK

Standard Reeve **Crane Blocks**

5 sheaves







- Double hook
- Double hook with shackle hole
- Quad hook
- Shackle stud eye

Model Nr.	WLL	For wire ød	Dimensions (inch)										Weight
	UStons	inch	øD1	øD2	B	O	TA	TB	TL	L	T	øZ	lbs
SRB 355.xx.5.55.E	60	9/16 - 7/8	16.1	14.0	33.0	4.4	19.7	17.4	44.6	51.4	TBD	TBD	1100
SRB 360.xx.5.64.E	70	5/8 - 7/8	16.1	14.2	39.1	4.4	19.7	17.2	47.2	54.1	TBD	TBD	1320
SRB 360.xx.5.80.E	88	5/8 - 7/8	16.1	14.2	39.1	4.9	19.7	21.2	50.5	58.1	TBD	TBD	1805
SRB 400.xx.5.80.E	88	5/8 - 1	18.1	15.7	40.7	4.9	22.4	21.3	53.7	61.6	TBD	TBD	1835
SRB 400.xx.5.73.E	80	5/8 - 1	18.1	15.7	37.6	4.4	22.4	19.8	49.6	56.7	TBD	TBD	1650
SRB 400.xx.5.82.E	90	5/8 - 1	18.1	15.7	40.7	4.9	22.4	21.3	53.7	61.6	TBD	TBD	1800
SRB 450.xx.5.82.E	90	3/4 - 1 1/8	20.3	17.7	42.2	4.9	23.6	21.9	56.3	64.2	TBD	TBD	2250
SRB 450.xx.5.100.E	110	3/4 - 1 1/8	20.3	17.7	44.4	5.5	23.6	21.9	58.5	67.6	TBD	TBD	2500
SRB 528.xx.5.125.E	137.5	7/8 - 1 1/4	23.4	20.8	49.7	6.3	28.0	25.3	66.8	76.6	TBD	TBD	3500
SRB 528.xx.5.137.5.E	150	7/8 - 1 1/4	23.4	20.8	52.5	6.3	28.0	21.7	50.1	77.8	TBD	TBD	3500
SRB 528.xx.5.160.E	176	7/8 - 1 1/4	23.4	20.8	55.4	7.1	28.0	22.1	70.7	81.8	TBD	TBD	3640
SRB 670.xx.5.200.E	220	1 - 1 3/8	29.9	26.4	64.6	7.9	34.3	31.6	83.9	95.9	TBD	TBD	7830

Minimum Ultimate Strength = 4 x WLL.

NOTE xx = To be replaced by metric wire size in final part number ■ TBD = These dimensions vary with wire size ■ Hook locking pin included on all blocks 40M ton and higher

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Overhaul Balls

The weight of the overhaul balls in this segment are based on average boom lengths and efficiency loss in mobile and crawler cranes. The low friction and easy to access hook swivel design makes the OHB series an excellent choice for a wide variety of crane applications.

- Bottom and top swiveling hook
- Design Factor of 4:1
- High quality, low friction thrust bearing
- Becket size optimized for Ropeblock Sockets such as Open Wedge (OWS), Open Spelter Sockets (OSS), Fast Connector Sockets (FCS) or Super Reeve Connector Sockets (SCS)
- Forged high tensile steel DIN hooks
- Body made of forged bar material
- High impact resistant body
- Operational temperature range: -40 up to +80 ^{0}C / -40 up to +176 ^{0}F
- C3M finish, signal yellow

Recommended finish

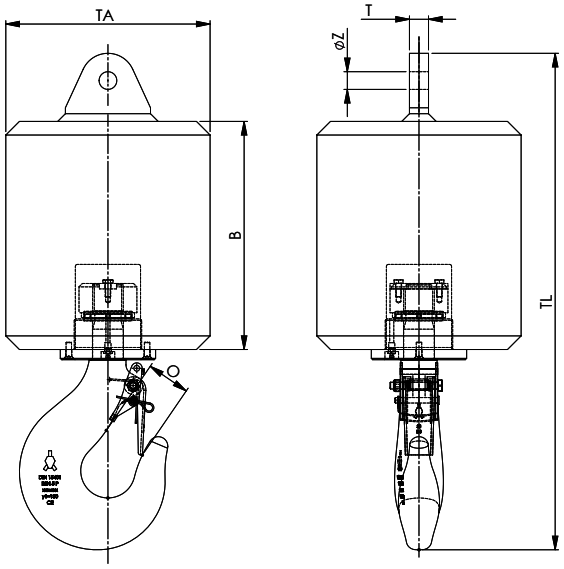
Segment / application	ISO 12944 classification	Classification description	Expected protection duration	DFT (µm)
Construction	C2M	Slightly polluted atmosphere, predominately agriculture areas	5 to 15 year	120
Construction	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	2 to 5 year	120
Construction	**C3M**	**Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air**	**5 to 15 year**	**160**
Cargo handling	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	5 to 15 year	160
Cargo handling	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	280
Cargo handling	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	280
Offshore	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	300
Offshore	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	300
Offshore	C5-MH	Coastal areas and open sea with high salt content in air	more than 15 year	320
Offshore	NORSOK sys. 1*	Open sea with high salt content in air	more than 15 year	300

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Overhaul Balls



Model Nr.	WLL	For wire ød	Becket	Dimensions (inch)						Weight
	UStons	inch		B	O	TA	TL	T	øZ	lbs
OHB 3.2.60.C-1	3.5	½	1	7.9	2.0	8.7	19.7	0.9	1.1	130
OHB 3.2.60.C-2	3.5	9/16 - 5/8	2	7.9	2.0	8.7	19.9	1.1	1.3	130
OHB 5.80.C-2	5.5	9/16 - 5/8	2	8.7	2.0	9.4	22.3	1.1	1.3	175
OHB 6.3.80.C-2	6.9	9/16 - 5/8	2	8.7	2.0	9.4	22.3	1.1	1.3	175
OHB 8.130.C-3	8.8	¾	3	12.2	2.2	10.1	28.3	1.4	1.5	285
OHB 8.170.C-3	8.8	¾	3	13.4	2.2	10.9	26.8	1.4	1.5	375
OHB 8.200.C-3	8.8	¾	3	13.2	2.5	11.8	28.7	1.1	1.0	440
OHB 8.250.C.3	8.8	¾	3	15.7	2.2	12.5	34.0	1.4	1.5	550
OHB 10.210.C-4	11	⅞	4	15.0	2.2	11.7	29.6	1.6	1.7	460
OHB 10.250.C-5	11	1	5	15.7	2.2	12.5	30.4	1.8	2.0	550
OHB 12.328.C-4	13.2	⅞	4	15.8	2.5	13.8	34.6	1.6	1.7	722
OHB 12.5.200.C-4	13.75	⅞	4	13.2	2.5	11.8	31.3	1.6	1.7	440
OHB 12.5.250.C-5	13.75	1	5	15.7	2.5	12.5	32.6	1.8	2.0	550
OHB 12.5.370.C-5	13.75	1	5	17.7	2.5	13.8	34.6	1.8	2.0	814
OHB 16.370.C-5	17.6	1	5	17.7	2.8	12.5	38.7	1.8	2.0	814
OHB 16.450.C-5	17.6	1	5	17.3	2.8	15.7	38.3	1.8	2.0	990
OHB 16.545.P-5	17.6	1	5	18.1	2.8	17.7	39.5	1.8	2.0	1200
OHB 20.575.P-6	22	1⅛	6	18.5	3.1	16.0	42.3	2.0	2.3	1265
OHB 20.725.P-6	22	1⅛	6	24.0	3.1	17.7	47.2	2.0	2.3	1600
OHB 20.910.P-6	22	1⅛	6	24.2	3.1	19.7	47.4	2.0	2.3	2000
OHB 25.725.P-7	27.5	1¼	7	20.1	3.1	18.1	42.4	2.4	2.6	1600
OHB 25.725.P-8	27.5	1⅜	8	20.1	3.1	18.1	42.4	2.4	2.6	1600
OHB 25.910.P-7	27.5	1¼	7	24.0	3.1	18.1	46.4	2.4	2.6	2000
OHB 25.910.P-8	27.5	1⅜	8	24.0	3.1	18.1	46.4	2.4	2.6	2000
OHB 32.365.P-8	35	1⅛	6	15.7	3.5	14.6	49.6	2.6	2.6	800
OHB 32.725.P-7	35	1¼	7	23.6	3.5	17.7	45.4	2.4	2.6	1600
OHB 32.910.P-9	35	1½	9	24.2	3.5	19.7	46.0	2.8	2.8	2000

Minimum Ultimate Strength = 4 x WLL.

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Overhaul Balls shown here are standard models; inquiries for custom versions are welcome.

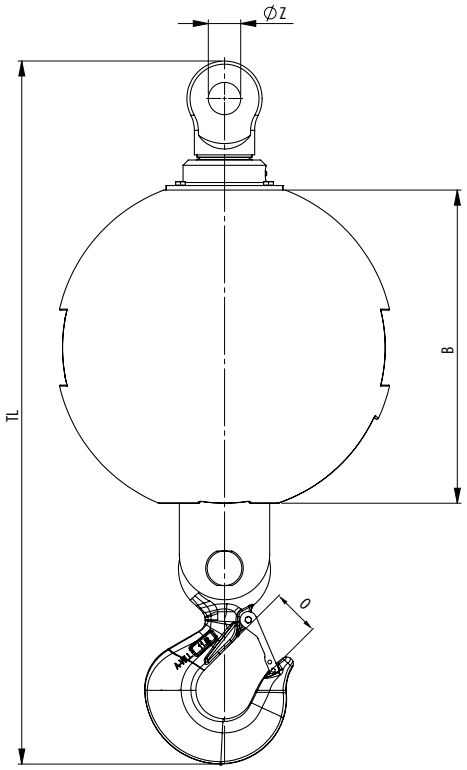
Associated WIRE ROPE & RIGGING

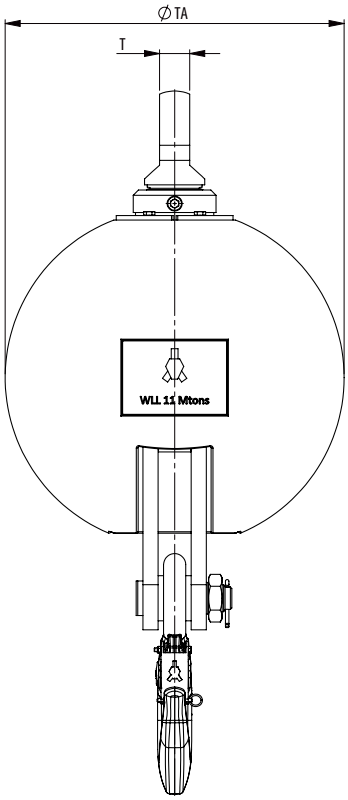
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Round Overhaul Ball





Model nr.	WLL (UStons)	Becket	B	O	TA	TL	T	Z	Weight (lbs)
OHB-B 4,5.45-1	5	1	7 13/16	1 3/8	9 1/16	23 1/4	7/8	1 1/16	100
OHB-B 4,5.100-2	5	2	11 6/16	1 3/8	12 5/16	25 9/16	1 1/8	1 5/16	220
OHB-B 4,5.140-2	5	2	12 9/16	1 3/8	13 9/16	26 3/4	1 1/8	1 5/16	310
OHB-B 7.80-2	7.7	2	10	1 11/16	11	26 1/4	1 1/8	1 5/16	175
OHB-B 7.110-2	7.7	2	11 3/8	1 11/16	12 5/16	27 7/16	1 1/8	1 5/16	242
OHB-B 7.145-3	7.7	3	12 9/16	1 11/16	13 9/16	28 15/16	1 3/8	1 7/16	320
OHB-B 11.180-3	12.1	3	13 1/8	2 1/16	14 9/16	33 1/16	1 3/8	1 7/16	396
OHB-B 11.265-4	12.1	4	15 3/8	2 1/16	16 3/4	35 7/8	1 9/16	1 11/16	583
OHB-B 11.320-4	12.1	4	16 7/16	2 1/16	17 11/16	36 7/8	1 9/16	1 11/16	705
OHB-B 11.530-4	12.1	4	20	2 1/16	21 1/16	40 7/16	1 9/16	1 11/16	1165
OHB-B 18.195-5	20	5	13 1/8	3 1/16	14 9/16	38 5/16	1 3/4	2 1/16	429
OHB-B 18.330-6	20	6	16 7/16	3 1/16	17 11/16	42	1 15/16	2 5/16	726
OHB-B 18.545-6	20	6	20	3 1/16	21 1/16	45 9/16	1 15/16	2 5/16	1200

The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
Products shown here are standard models; inquiries for custom versions are welcome.

Minimum Ultimate Strength = 4 x WLL

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Overhaul Weights

University studies show that many factors are relevant to determine minimum overhaul weights. These are for instance, but not limited to:

- Boom length or jib height
- Geometrical design of block and crown block
- Type of bearing
- Sheave diameters
- Wire rope type and construction
- Number of stationary sheaves outside the tackle itself
- Grease
- Operational temperatures
- Etcetera

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Overhaul weights are therefore predominantly determined by the overall system designer. To overcome these variable issues or even potential wire rope related problems, Ropeblock offers a variety in removable or variable overhaul weights on blocks. Variable weights would also enable you to maximize capacity and / or optimize axle loads for local road pressure limits.

Please contact your sales representative for options.

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

INDUSTRIAL

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Industrial segment

Overhead Crane Blocks

Features:

These are not considered standard.

- Double sealed roller bearings for good efficiency
- Compact design
- Protected grease fittings
- Durable reeve guards
- Hook swivelling on sealed first class roller thrust bearing
- Forged high tensile steel DIN hooks
- Ductile iron sheaves, featuring graphite lubricated groove
- Temperature range depending on application
- C3M finish in signal yellow

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Rigging

Snatch Blocks

Ropeblock Snatch Blocks are an excellent choice in most rigging and lifting plans. Durability and easy of use are some of the key benefits in addition to:

- Design Factor of Safety of 4:1
- Lubricated bronze bushings
- Eye or oblong eye connection
- Ductile iron sheaves, featuring graphite lubricated groove
- Operational temperature range: -40 up to +80 ^{0}C / -40 up to +176 ^{0}F
- C3M finish in signal yellow

High Capacity Light Weight Blocks

Ropeblock light weight tilt-up blocks are an excellent choice when a combination of low weight and high capacity is required. Durability and easy of use are some of the key benefits in addition to:

- Design Factor of Safety of 4:1
- Double sealed roller bearings
- Shackle eye or oblong eye connection
- Operational temperature range: -40 up to +80 ^{0}C / -40 up to +176 ^{0}F
- C3M finish in signal yellow

Recommended finish

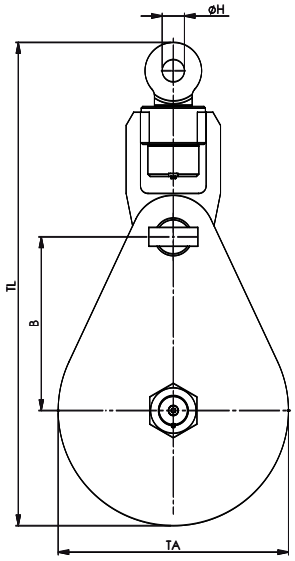
Segment / application	ISO 12944 classification	Classification description	Expected protection duration	DFT (µm)
Construction	C2M	Slightly polluted atmosphere, predominately agriculture areas	5 to 15 year	120
Construction	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	2 to 5 year	120
Construction	**C3M**	**Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air**	**5 to 15 year**	**160**
Cargo handling	C3M	Industrial and residential air pollution levels, with an average sulfurdioxide (IV) contamination level. Coastal areas with low salt content in air	5 to 15 year	160
Cargo handling	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	280
Cargo handling	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	280
Offshore	C4H	Industrial areas and coastal areas with average salt content in air	more than 15 year	300
Offshore	C5-MM	Coastal areas and open sea with high salt content in air	5 to 15 year	300
Offshore	C5-MH	Coastal areas and open sea with high salt content in air	more than 15 year	320
Offshore	NORSOK sys. 1*	Open sea with high salt content in air	more than 15 year	300

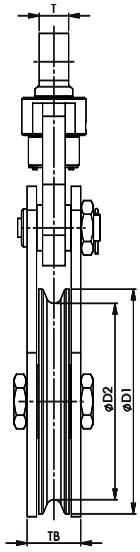
Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Snatch Blocks





- Hook
- Clevis
- Tailbord
- Oblong eye

Model Nr.	WLL	For wire ød	Dimensions (inch)								Weight (lbs)
	UStons	inch	øD1	øD2	B	øH	T	TA	TB	TC (TL)	
VB 240.28.1.20.S	22	1 - 1⅛	11.8	9.4	10.0	1.5	1.9	12.2	3.3	28.9	120
VB 300.32.1.20.S	22	1⅛ - 1¼	14.4	11.8	11.3	1.5	1.9	14.8	3.3	31.4	130
VB 240.28.1.25.S	27.5	1 - 1⅛	11.8	9.4	10.0	1.6	2.1	12.2	3.3	28.6	125
VB 300.32.1.25.S	27.5	1⅛ - 1¼	14.4	11.8	11.3	1.6	2.1	14.8	3.3	31.2	140
VB 390.26.1.25.S	27.5	⅞ - 1	17.7	15.4	13.8	2.1	2.8	16.1	4.4	39.5	265
VB 345.32.1.32.S	35	1⅛ - 1¼	15.7	13.6	12.8	2.1	2.8	16.1	4.4	37.4	265
VB 345.36.1.32.S	35	1¼ - 1⅜	15.7	13.6	12.8	2.1	2.8	16.1	4.4	37.4	265
VB 390.32.1.32.S	35	1⅛ - 1¼	17.7	15.4	13.8	2.1	2.8	18.5	4.4	39.5	310
VB 390.38.1.32.S	35	1⅜ - 1½	17.7	15.4	13.8	2.1	2.8	18.5	4.4	39.5	310
VB 430.32.1.32.S	35	1⅛ - 1¼	19.5	16.9	14.8	2.1	2.8	20.1	4.4	41.3	330
VB 430.38.1.32.S	35	1⅜ - 1½	19.5	16.9	14.8	2.1	2.8	20.1	4.4	41.3	330
VB 520.32.1.32.S	35	1⅛ - 1¼	23.4	20.5	17.1	2.1	2.8	24.0	4.4	45.6	330
VB 430.32.1.36.5.S	40	1⅛ - 1¼	19.5	16.9	15.7	2.1	2.8	20.1	4.8	42.7	440
VB 430.38.1.36.5.S	40	1⅜ - 1½	19.5	16.9	15.7	2.1	2.8	20.1	4.8	42.7	440
VB 520.38.1.55.S	60	1⅜ - 1½	23.4	20.5	18.1	2.3	3.1	24.0	5.6	50.4	680
VB 520.44.1.55.S	60	1½ - 1¾	23.4	20.5	18.1	2.3	3.1	24.0	5.6	50.4	680
VB 520.52.1.55.S	60	1¾ - 2	23.4	20.5	18.1	2.3	3.1	24.0	5.6	50.4	680
VB 520.52.1.75.S	82.5	1¾ - 2	23.4	20.5	18.1	2.9	3.9	24.0	5.6	52.6	726
VB 630.58.1.75.S	82.5	1¾ - 2¼	29.5	24.8	22.4	2.9	3.9	30.3	8.0	71.5	1265
VB 710.68.1.100.S	110	2½ - 2⅝	31.5	28.0	25.6	3.4	4.7	32.3	8.0	75.2	1605
VB 800.76.1.125.S	137.5	2¾ - 3	35.0	31.5	29.5	3.4	4.7	36.2	8.0	84.6	2200

Also Available in Double Sheave Models:

VB 240.28.2.20.S*	22	1 - 1⅛	11.8	9.4	10.0	1.5	1.9	12.2	6.2	26.9	200
VB 300.32.2.32.S	35	1⅛ - 1¼	14.4	11.8	11.3	2.1	2.8	14.8	6.2	32.8	265
VB 430.28.2.73.S	80	1⅛ - 1½	19.5	16.9	16.1	2.8	3.9	20.1	9.6	61.0	1050

* Available with and without Dead End

Minimum Ultimate Strength = 4 x WLL.

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

Associated WIRE ROPE & RIGGING

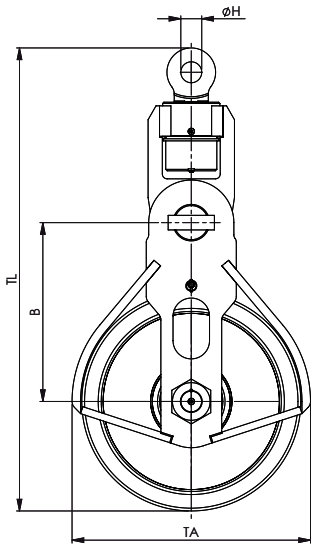
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

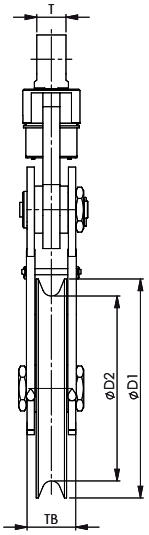
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

High Capacity Light Weight Blocks

light weight tilt-up blocks





- Hook
- Clevis
- Tailbord
- Oblong eye

Model Nr.	WLL	For wire ød	Dimensions (inch)								Weight (lbs)
	UStons	inch	øD1	øD2	B	øH	T	TA	TB	TL	
HCLW 240.28.1.25.S	27.5	1 - 1⅛	11.8	9.4	10.2	1.6	2.1	14.0	4.0	28.7	155
HCLW 355.32.1.27.S	30	1⅛ - 1¼	16.5	14.0	14.8	1.7	2.2	18.7	4.4	39.1	265
HCLW 355.36.1.32.S	35	1¼ - 1⅜	16.5	14.0	14.8	1.7	2.2	18.7	4.8	39.1	265
HCLW 430.32.1.27.S	30	1⅛ - 1¼	19.5	16.9	16.3	1.7	2.2	21.7	4.4	42.2	240
HCLW 430.32.1.32.S	35	1⅛ - 1¼	19.5	16.9	16.3	1.7	2.2	21.7	4.8	42.1	285
HCLW 430.38.1.32.S	35	1¼ - 1½	19.5	16.9	16.3	1.7	2.2	21.7	4.8	42.1	255
HCLW 430.38.1.40.S	45	1¼ - 1½	19.5	16.9	16.3	2.0	2.8	21.7	4.8	43.6	320
HCLW 520.38.1.55.S	60	1¼ - 1½	23.4	20.5	19.1	2.8	3.9	25.6	5.2	51.9	420
HCLW 520.44.1.55.S	60	1¼ - 1¾	23.4	20.5	19.1	2.3	3.1	25.6	5.2	51.5	420
HCLW 520.52.1.55.S	60	1¾ - 2	23.4	20.5	19.1	2.3	3.1	25.6	5.2	51.5	420
HCLW 630.58.1.81.S	90	2 - 2¼	28.0	24.8	22.6	2.9	3.9	30.6	6.0	62.4	880
HCLW 630.64.1.81.S	90	2¼ - 2½	28.0	24.8	22.6	2.9	3.9	30.6	6.0	62.4	880
HCLW 760.70.1.100.S	110	2½ - 2¾	35.4	29.9	28.9	3.4	4.7	38.6	7.9	74.9	1200
HCLW 760.76.1.100.S	110	2¾ - 3	35.4	29.9	28.9	3.4	4.7	38.6	7.9	74.9	1200
HCLW 760.76.1.125.S	137.5	2¾ - 3	35.4	29.9	28.9	3.3	4.7	38.6	7.9	74.4	1320
HCLW 760.76.1.137.5.S	150	2¾ - 3	35.4	29.9	28.9	3.3	4.7	38.6	7.9	74.4	1540

Minimum Ultimate Strength = 4 x WLL.

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

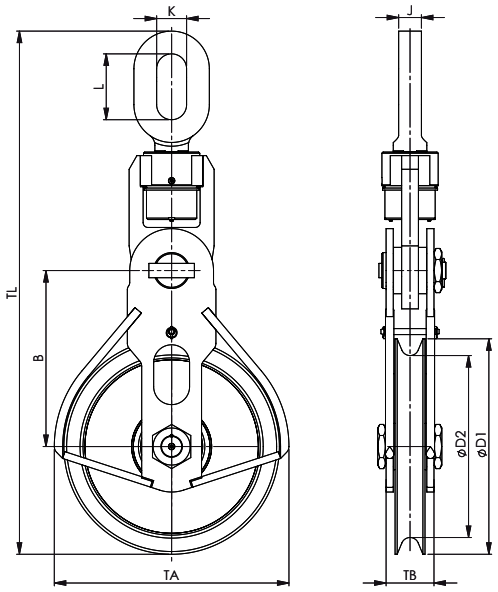
Associated WIRE ROPE & RIGGING

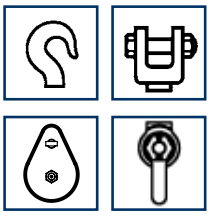
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

High Capacity Light Weight Blocks

light weight tilt-up blocks





- Hook
- Clevis
- Tailbord
- Shackle stud eye

Model Nr.	WLL	For wire ød	Dimensions (inch)									Weight (lbs)
	UStons	inch	øD1	øD2	B	J	K	L	TA	TB	TL	
HCLW 240.28.1.25.O	27.5	1 - 1 ⅛	11.8	9.4	10.2	2.0	3.0	5.9	14.0	4.0	37.2	175
HCLW 355.32.1.27.O	30	1 ⅛ - 1 ¼	16.5	14.0	14.8	2.4	3.1	6.9	18.7	4.4	47.0	290
HCLW 355.36.1.32.O	35	1 ¼ - 1 ⅜	16.5	14.0	14.8	2.4	3.1	6.9	18.7	4.8	47.0	290
HCLW 430.32.1.27.O	30	1 ⅛ - 1 ¼	19.5	16.9	16.3	2.4	3.1	6.9	21.7	4.4	50.0	275
HCLW 430.32.1.32.O	35	1 ⅛ - 1 ¼	19.5	16.9	16.3	2.4	3.1	6.9	21.7	4.4	49.0	310
HCLW 430.38.1.32.O	35	1 ¼ - 1 ½	19.5	16.9	16.3	2.4	3.1	6.9	21.7	4.8	50.0	290
HCLW 430.38.1.40.O	45	1 ¼ - 1 ½	19.5	16.9	16.3	2.6	3.5	7.9	21.7	4.8	51.6	340
HCLW 520.38.1.55.O	60	1 ¼ - 1 ½	23.4	16.9	19.1	2.6	3.5	7.5	25.6	5.2	60.0	480
HCLW 520.44.1.55.O	60	1 ½ - 1 ¾	23.4	20.5	19.1	2.8	3.9	8.7	25.6	5.2	60.5	480
HCLW 520.52.1.55.O	60	1 ¾ - 2	23.4	20.5	19.1	2.8	3.9	8.7	25.6	5.2	60.5	480
HCLW 630.58.1.81.O	90	2 - 2 ¼	28.0	24.8	22.6	3.1	4.3	9.8	30.6	6.0	74.1	915
HCLW 630.64.1.81.O	90	2 ¼ - 2 ½	28.0	24.8	22.6	3.1	4.3	9.8	30.6	6.0	74.1	915
HCLW 760.70.1.100.O	110	2 ½ - 2 ¾	35.4	29.9	28.9	3.7	4.9	10.8	38.6	7.9	86.2	1300
HCLW 760.76.1.100.O	110	2 ¾ - 3	35.4	29.9	28.9	3.7	4.9	10.8	38.6	7.9	86.2	1300
HCLW 760.76.1.125.O	137.5	2 ¾ - 3	35.4	29.9	28.9	3.9	4.9	10.8	38.6	7.9	86.2	1430
HCLW 760.76.1.137.5.O	150	2 ¾ - 3	35.4	29.9	28.9	3.9	4.9	10.8	38.6	7.9	86.2	1650

Minimum Ultimate Strength = 4 x WLL.

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Blocks shown here are standard models; inquiries for custom versions are welcome.
- Refer to wire rope manufacturers D/d ratio guideline.

Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Construction blocks

Ropeblock offers a wide range of customized construction blocks. Depending availability or further requirements these are standard designed using all optimal features of Ropeblock product lines. The head fitting and dead-end connection will reflect your specific demands. A contract drawing will be provided prior to sale.

- Design factor 4:1 / dynamic rating where required
- Double sealed roller bearings or bronze journal bearings
- Compact design
- Head fitting and dead-end per specification
- High impact resistant side plates
- Separate lubrication channels with protected grease fittings available
- Temperature range depending application
- Required certification
- C3M finish in signal yellow

Please contact your sales representative for the endless options.

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

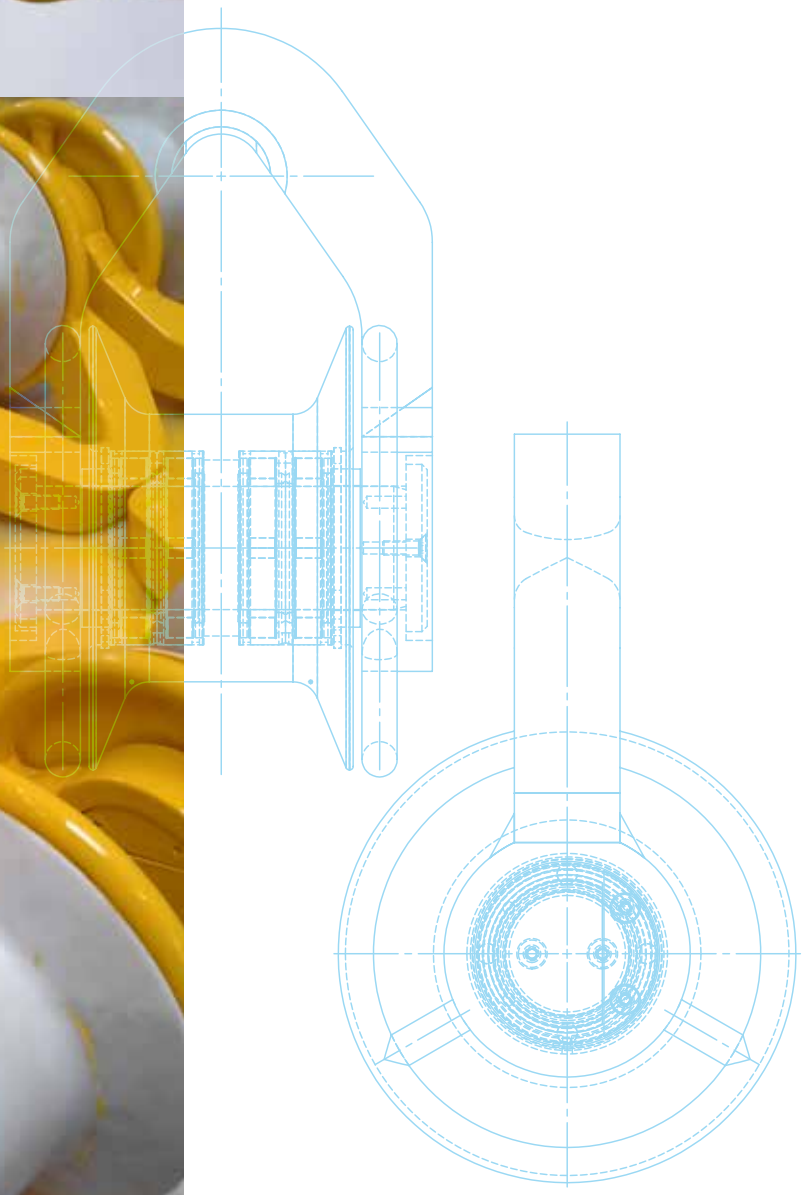
Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Equalizer Blocks

The Equalizer Block is used with high performance synthetic slings to evenly distribute weight when performing lifts. Rather than adjusting slings and hook prior to completing a lift, the Equalizer Block will automatically adjust.



Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

OTHER SEGMENTS

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Other Segments

The example products shown here display Ropeblock engineering and manufacturing capabilities in these segments. They range from Safe Working Loads of a few tons up to multiple kilotons and wire ropes of ⅜" through currently 6" or even 8" and are true testimony of Ropeblocks quality in products and process control in all stages of production. Our warranted quality allows a more safe workplace in all segments and applications.

Cargo Handling

Cargo Handling lifting products are usually crane specific and specifically designed for a particular crane. Key parameters which may be addressed:

- Application type (container, bulk, general cargo, heavy lift)
- Design rules (e.g. GL, ABS, DNV, etc.)
- Design temperature
- Load and component group according FEM or DIN
- Dynamic rating
- Required certification

Offshore

Offshore lifting products are usually considered to have the highest demand for quality, safety and finish. Key parameters to address:

- Application type (knuckle boom, active heave, subsea, kingpost, etc.)
- Design rules (e.g. ABS, DNV, API)
- Design temperature
- Dynamic factors
- Man riding / personnel lift
- Subsea requirements
- Secondary retention
- Required certification

Contact us to explore the endless possibilities

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Associated
WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

NOTES

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

COMPONENTS

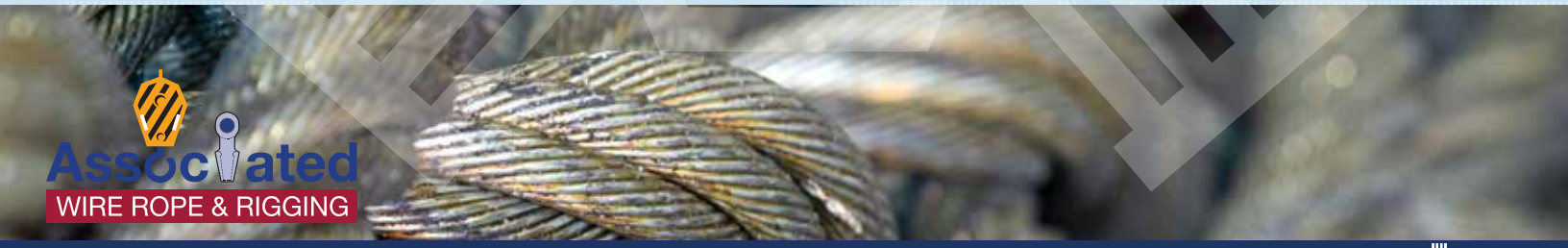
Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

ROPEBLOCK

Ropeblock sheaves - Engineered for durability



Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

The most advanced sheave - wire rope interaction available!

In the past two decades, Ropeblock has put sheaves on the market that we believed to perform the best in wire rope interaction and would generate the most Cycle Bends Over Sheave (CBOS) in its numerous applications. Use in countless construction, cargo handling, offshore and industry applications in over these twenty years, continuously confirmed this belief in the form of our (OEM) customer feedback.

CYCLE BENDS OVER SHEAVE IN A TWISTED STATE

When a wire rope is bent over a sheave, the wire rope is fatigued. Since university studies in 2015, it has been known that a wire rope is even more fatigued when it is bent over a sheave in a twisted state. These university studies show durability reductions in commonly seen twisted states of wire rope of up to 70% in the most commonly used rotation resistant ropes.

FLEET ANGLES AND TWIST

In nearly all crane applications, fleet angles (the angle of attack of the wire rope on to the sheave groove) are the main reason for the introduction of twist in the wire rope while you are working the crane. The type of operation ran is of great influence on the amount of twist generated in the system.

BLOCK ROTATION OR CABLING

Wire ropes come with their type designated torque factor. Under tension, this implies the end of the wire rope wants to rotate when free (e.g. with a swivel), but cannot when fixed directly to the crane. The additional twist as a result of the fleet angles generates extra torsion. When the accumulated twist in your system is released between the tip of the crane and the lower block, it may at one point result in block rotation. The overtime buildup of twist has then tipped the balance of a stable tackle to a tackle with cabling.

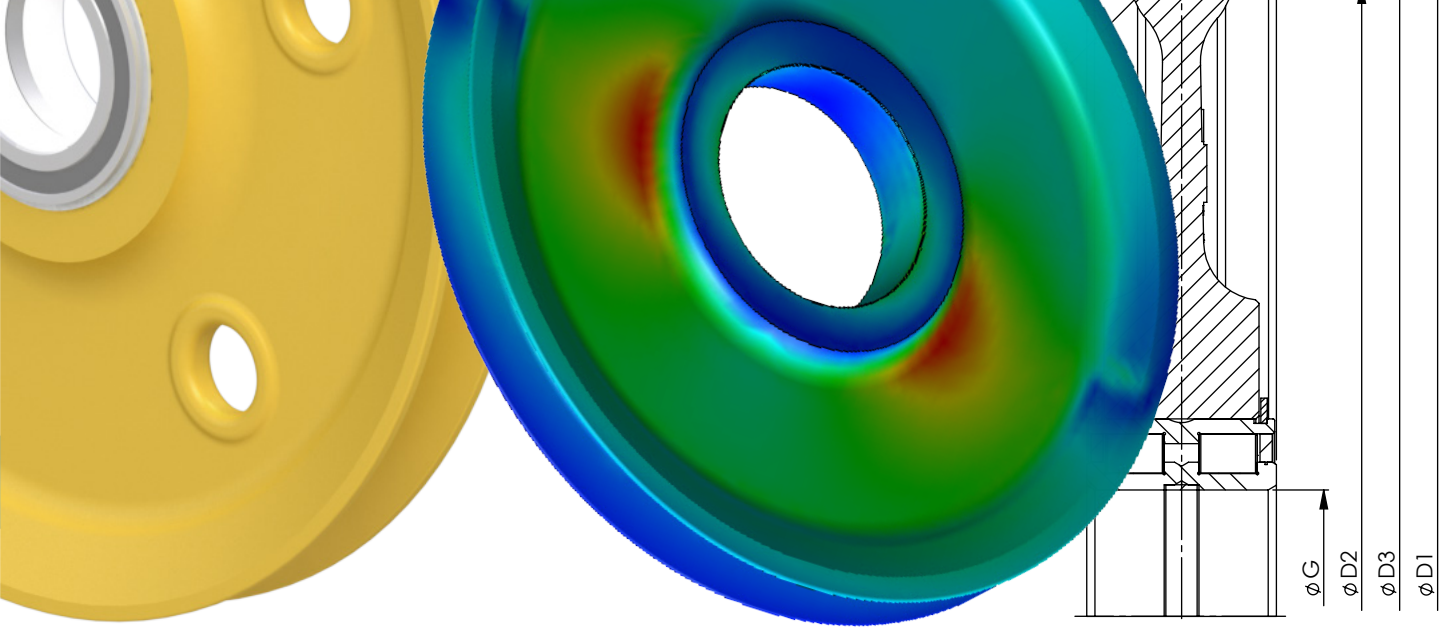
WIRE ROPE - SHEAVE INTERACTION

A large part of the amount of wire rope twist is determined by the coefficient of friction between the wire rope and the sheave. In the older literature, plastic sheaves showed the highest friction and the most twist. Metal sheaves would perform better. Ropeblock introduced two decades ago a metal sheave with dry lubrication in the form of graphite leaving properties (in a function similar to bronze bearings with graphite nodes) to lower the coefficient of friction while it works with the wire rope and promotes sliding of the wire rope, rather than twisting it.

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

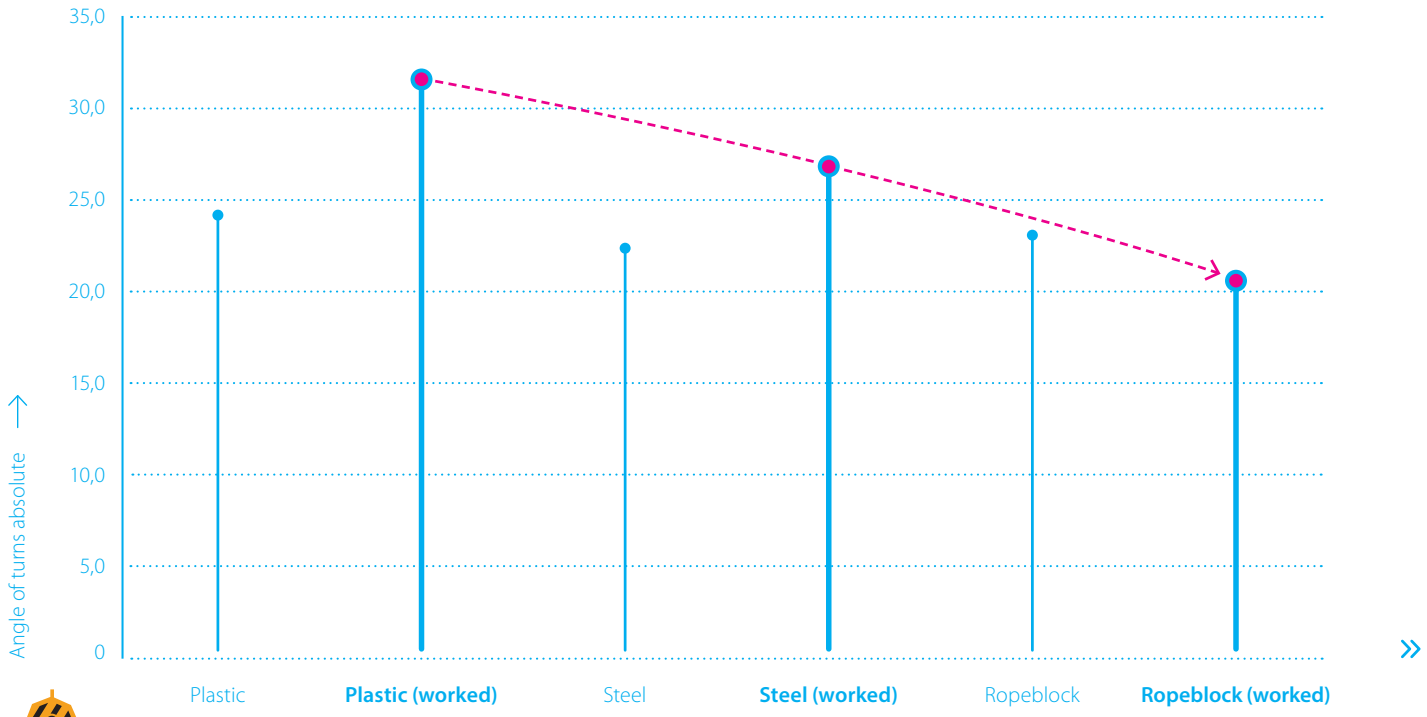
ROPEBLOCK



CONFIRMATION BY COMPARISON TESTING

Because of the recent further study where the twisted state of a wire rope would reduce longevity significantly, Ropeblock launched a comparison investigation under the optimal groove throat angle.

Here, it shows that the Ropeblock sheave performs 40% better against twist than the same size and geometry plastic sheave and approx. 25% better against twist compared to a normal steel sheave of a similar size and geometry.



Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

ADVANTAGES AND AVAILABILITY

The Ropeblock sheave promotes wire rope longevity and helps prevent block rotation or cabling, adding to a lower total cost of ownership and a higher crane uptime. Ropeblock sheaves are accepted by all major class societies.

The design has proven itself in over twenty years of use and has led to being available in hundreds of different bearing and D/d sizes, ranging from wire rope 10 mm to 76 mm or bigger and a very cost effective solution.

WEAR

The notably better wear resistance in Ropeblock sheaves in comparison to other materials is primarily explained by the graphite as established before in third party testing. Once the rope and groove are a pair (are run in), the wear almost stops because of its inherit graphite, and shows wear performance equal to (new) hardened sheaves. Rope replacements with the same diameter do not create new wear because of the graphite that came free working the sheave. In the second instance, a special manufacturing technique is used to create a higher than standard hardness in the groove, optimizing the sheave durability.

SERVICE

Ropeblock sheaves have a higher than average low temperature performance, allowing service down to even -40°C/-40°F. The improved ductility in the Ropeblock sheave allows better resistance against impact or other unintended blows against objects and the material grain makes it more crack-resistant.

Contact us or our sales representatives for information or availability regarding your application.

ROPEBLOCK B.V.

Ropeblock B.V. is a leading engineering and manufacturing specialist for the lifting and wire rope industry in many aspects. Our mechanical lifting and hoisting components are used in practically all sectors involving machinery for lifting, hoisting, and transporting materials. They are used in critical machinery such as in ports, on ships and offshore platforms, construction, mining, dredging and in heavy industry, operating successfully on all continents, both underwater as well as on today's highest skyscrapers. Many of the leading crane and wire rope manufacturers in the world are familiar with our products and our standard of quality and safety. Exports from the Netherlands represent 95% of our sales, and our products comply with the very demanding international regulations and standards.

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Components

Sheaves

Besides being an integral part of blocks, sheaves are also used in a wide variety of applications, not only limited to cranes. Ropeblock has developed a standard line of sheaves that are used for most wireropes. Standard production method is cast ductile iron with graphite lubricated grooves, however, cast steel, nylon and welded fabricated production is also possible.

Some key benefits of Ropeblock sheaves:

- Optimal groove opening angle coping with fleet angle problems
- Wide range of bearing options to meet your specific requirement
- Self-lubricating 'graphite-rich' grooves to promote wire rope longevity
- Optimally designed to reduce fatigue
- Finish depending on application

Ropeblock has developed a sheave order sheet that may be used when your required dimensions are not available in the tables.

Hooks

Ropeblock hooks are forged carbon or high tensile strength DIN hooks and may be used in a wide variety of lifting applications. Larger sizes hooks, with capacities of 600t and more may also be produced as a casting.

Customized and quad hooks are available on request. Please contact your sales representative for further information.

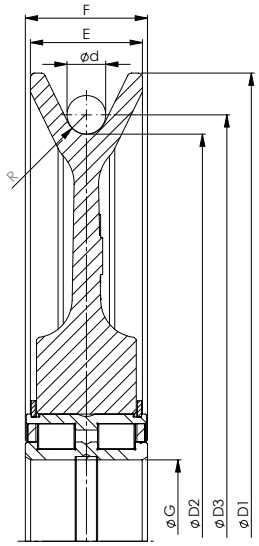
Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Ductile cast iron Sheaves >>

with cylindrical roller bearings



Model number	for wire ød		Dimensions (inch)							Bearing	Weight (kg)	Weight (lbs)
	mm	inch	R	D1	D2	D3	E	F	øG			
SE.250.5008B.5,5	10	⅜	0.22	11.42	9.84	10.24	1.26	1.50	1.57	SL04 5008PP	5.9	12.98
SE.250.5008B.6	11	7⁄16	0.24	11.42	9.84	10.28	1.26	1.50	1.57	SL04 5008PP	5.8	12.76
SE.280.5012.7	13	½	0.28	12.60	11.02	11.54	1.65	1.81	2.36	SL04 5012PP	9.4	20.68
SE.280.5010B.7	13	½	0.28	12.60	11.02	11.54	1.42	1.57	1.97	SL04 5010PP	8.1	17.82
SE.280.5010.7	13	½	0.28	12.60	11.02	11.54	1.42	1.57	1.97	SL04 5010PP	8.1	17.82
SE.250.5008B.7,2	13	½	0.28	11.42	9.84	10.35	1.26	1.50	1.57	SL04 5008PP	6.2	13.64
SE.260.5012.7,5	14	9⁄16	0.30	11.81	10.24	10.79	1.65	1.81	2.36	SL04 5012PP	9.6	21.12
SE.280.5012.8	15	9⁄16	0.31	12.60	11.02	11.61	1.65	1.81	2.36	SL04 5012PP	9.2	20.24
SE.400.5013.8,5	16	⅝	0.33	18.11	15.75	16.38	1.69	1.81	2.56	SL04 5013PP	25.4	55.88
SE.360.5016.8,5	16	⅝	0.33	16.54	14.17	14.80	2.17	2.36	3.15	SL04 5016PP	21.9	48.18
SE.355.5013.8,5	16	⅝	0.33	16.14	13.98	14.61	1.65	1.81	2.56	SL04 5013PP	18.3	40.26
SE.320.5013.8,5	16	⅝	0.33	14.37	12.60	13.23	1.65	1.81	2.56	SL04 5013PP	13.5	29.7
SE.295.5008B.8,5	16	⅝	0.33	12.99	11.61	12.24	1.26	1.50	1.57	SL04 5008PP	8.8	19.36
SE.280.5012.8,5	16	⅝	0.33	12.60	11.02	11.65	1.65	1.81	2.36	SL04 5012PP	9.1	20.02
SE.260.5012.8,5	16	⅝	0.33	11.81	10.24	10.87	1.65	1.81	2.36	SL04 5012PP	9.1	20.02
SE.355.5013.9	17	11⁄16	0.35	16.14	13.98	14.65	1.65	1.81	2.56	SL04 5013PP	18.1	39.82
SE.400.5014B.9,5	18	11⁄16	0.37	18.11	15.75	16.46	1.93	2.13	2.76	SL04 5014PP	25.4	55.88
SE.400.5013.9,5	18	11⁄16	0.37	18.11	15.75	16.46	1.69	1.81	2.56	SL04 5013PP	25	55
SE.360.5016.9,5	18	11⁄16	0.37	16.54	14.17	14.88	2.17	2.36	3.15	SL04 5016PP	21.6	47.52
SE.355.5013.9,5	18	11⁄16	0.37	16.14	13.98	14.69	1.65	1.81	2.56	SL04 5013PP	18	39.6
SE.354.5013.9,5	18	11⁄16	0.37	15.75	13.94	14.65	1.65	1.81	2.56	SL04 5013PP	16.5	36.3
SE.345.5010B.9,5	18	11⁄16	0.37	15.16	13.58	14.29	1.42	1.57	1.97	SL04 5010PP	12.5	27.5
SE.450.5024.10	19	¾	0.39	20.28	17.72	18.46	2.95	3.15	4.72	SL04 5024PP	47.9	105.38
SE.450.5018.10	19	¾	0.39	20.28	17.72	18.46	2.44	2.64	3.54	SL04 5018PP	41.4	91.08
SE.450.160.10	19	¾	0.39	20.28	17.72	18.46	2.95	3.15	6.30	SL04 160PP	45.4	99.88

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Sheaves shown here are standard models; inquiries for custom versions are welcome.

>>

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

<< Ductile cast iron Sheaves

with cylindrical roller bearings

Model number	for wire ød		Dimensions (inch)							Bearing	Weight (kg)	Weight (lbs)
	mm	inch	R	D1	D2	D3	E	F	øG			
SE.400.5018.10	19	¾	0.39	18.11	15.75	16.50	2.44	2.64	3.54	SL04 5018PP	31	68.2
SE.400.5016.10	19	¾	0.39	18.11	15.75	16.50	2.17	2.36	3.15	SL04 5016PP	28.8	63.36
SE.400.5013.10	19	¾	0.39	18.11	15.75	16.50	1.69	1.81	2.56	SL04 5013PP	24.8	54.56
SE.360.5016.10	19	¾	0.39	16.54	14.17	14.92	2.17	2.36	3.15	SL04 5016PP	17.9	39.38
SE.355.5016.10	19	¾	0.39	16.14	13.98	14.72	2.17	2.36	3.15	SL04 5016PP	16.8	36.96
SE.355.5013.10	19	¾	0.39	16.14	13.98	14.72	1.65	1.81	2.56	SL04 5013PP	17.8	39.16
SE.345.5010B.10	19	¾	0.39	15.16	13.58	14.33	1.42	1.57	1.97	SL04 5010PP	12.5	27.5
SE.320.5013.10	19	¾	0.39	14.37	12.60	13.35	1.65	1.81	2.56	SL04 5013PP	13.2	29.04
SE.280.5012.10	19	¾	0.39	12.60	11.02	11.77	1.65	1.81	2.36	SL04 5012PP	10.3	22.66
SE.482.5018.11,5	21	13⁄16	0.45	22.05	18.98	19.80	2.44	2.64	3.54	SL04 5018PP	45.5	100.1
SE.400.5018.11,5	21	13⁄16	0.45	18.11	15.75	16.57	2.44	2.64	3.54	SL04 5018PP	30.4	66.88
SE.400.5016.11,5	21	13⁄16	0.45	18.11	15.75	16.57	2.17	2.36	3.15	SL04 5016PP	28.3	62.26
SE.400.5014B.11,5	21	13⁄16	0.45	18.11	15.75	16.57	1.93	2.13	2.76	SL04 5014PP	24.7	54.34
SE.450.5024.12	22	⅞	0.47	20.28	17.72	18.58	2.95	3.15	4.72	SL04 5024PP	47	103.4
SE.450.5018.12	22	⅞	0.47	20.28	17.72	18.58	2.44	2.64	3.54	SL04 5018PP	40.5	89.1
SE.400.5018.12	22	⅞	0.47	18.11	15.75	16.61	2.44	2.64	3.54	SL04 5018PP	30.2	66.44
SE.400.5016.12	22	⅞	0.47	18.11	15.75	16.61	2.17	2.36	3.15	SL04 5016PP	28.1	61.82
SE.355.5016.12	22	⅞	0.47	16.14	13.98	14.84	2.17	2.36	3.15	SL04 5016PP	16.8	36.96
SE.528.5018.13	24	15⁄16	0.51	23.43	20.79	21.73	2.40	2.64	3.54	SL04 5018PP	50.9	111.98
SE.528.200.13	24	15⁄16	0.51	23.43	20.79	21.73	2.91	3.15	7.87	SL04 200PP	56.7	124.74
SE.528.160.13	24	15⁄16	0.51	23.43	20.79	21.73	2.91	3.15	6.30	SL04 160PP	61.2	134.64
SE.670.200.13,5	25	1	0.53	29.92	26.38	27.36	2.91	3.15	7.87	SL04 200PP	93.5	205.7
SE.670.160.13,5	25	1	0.53	29.92	26.38	27.36	2.91	3.15	6.30	SL04 160PP	93.5	205.7
SE.670.5024.13,5	25	1	0.53	29.92	26.38	27.36	2.91	3.15	4.72	SL04 5024PP	92.6	203.72
SE.528.5024.13,5	25	1	0.53	23.43	20.79	21.77	2.91	3.15	4.72	SL04 5024PP	57.8	127.16
SE.528.5018.13,5	25	1	0.53	23.43	20.79	21.77	2.40	2.64	3.54	SL04 5018PP	50.6	111.32
SE.528.160.13,5	25	1	0.53	23.43	20.79	21.77	2.91	3.15	6.30	SL04 160PP	53.5	117.7
SE.500.5018B.13,5	25	1	0.53	22.44	19.69	20.71	2.40	2.64	3.54	SL04 5018PP	46.8	102.96
SE.450.5024.13,5	25	1	0.53	20.28	17.72	18.70	2.95	3.15	4.72	SL04 5024PP	46.3	101.86
SE.450.5018.13,5	25	1	0.53	20.28	17.72	18.70	2.44	2.64	3.54	SL04 5018PP	39.8	87.56
SE.575.5024.14	26	1	0.55	25.59	22.64	23.66	2.91	3.15	4.72	SL04 5024PP	72.6	159.72
SE.575.5022.14	26	1	0.55	25.59	22.64	23.66	2.91	3.15	4.33	SL04 5022PP	73.5	161.7
SE.575.200.14	26	1	0.55	25.59	22.64	23.66	2.91	3.15	7.87	SL04 200PP	76.7	168.74
SE.575.160.14	26	1	0.55	25.59	22.64	23.66	2.91	3.15	6.30	SL04 160PP	72	158.4
SE.528.5024.14	26	1	0.55	23.43	20.79	21.81	2.91	3.15	4.72	SL04 5024PP	63.5	139.7
SE.528.5018.14	26	1	0.55	23.43	20.79	21.81	2.40	2.64	3.54	SL04 5018PP	45.4	99.88
SE.528.160.14	26	1	0.55	23.43	20.79	21.81	2.91	3.15	6.30	SL04 160PP	53.2	117.04
SE.670.200.15	28	1 ⅛	0.59	29.92	26.38	27.48	2.91	3.15	7.87	SL04 200PP	97	213.4
SE.670.160.15	28	1 ⅛	0.59	29.92	26.38	27.48	2.91	3.15	6.30	SL04 160PP	92.2	202.84
SE.670.5024.15	28	1 ⅛	0.59	29.92	26.38	27.48	2.91	3.15	4.72	SL04 5024PP	91.3	200.86
SE.630.200.15	28	1 ⅛	0.59	27.95	24.80	25.91	2.91	3.15	7.87	SL04 200PP	87.7	192.94

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Sheaves shown here are standard models; inquiries for custom versions are welcome.

>>

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

<< Ductile cast iron Sheaves

with cylindrical roller bearings

Model number	for wire ød		Dimensions (inch)							Bearing	Weight (kg)	Weight (lbs)
	mm	inch	R	D1	D2	D3	E	F	øG			
SE.630.160.15	28	1 1⁄8	0.59	27.95	24.80	25.91	2.91	3.15	6.30	SL04 160PP	82.8	182.16
SE.630.5024.15	28	1 1⁄8	0.59	27.95	24.80	25.91	2.91	3.15	4.72	SL04 5024PP	84.4	185.68
SE.575.5024.15	28	1 1⁄8	0.59	25.59	22.64	23.74	2.91	3.15	4.72	SL04 5024PP	72	158.4
SE.575.200.15	28	1 1⁄8	0.59	25.59	22.64	23.74	2.91	3.15	7.87	SL04 200PP	76.1	167.42
SE.575.160.15	28	1 1⁄8	0.59	25.59	22.64	23.74	2.91	3.15	6.30	SL04 160PP	71.4	157.08
SE.528.5024.15	28	1 1⁄8	0.59	23.43	20.79	21.89	2.91	3.15	4.72	SL04 5024PP	57	125.4
SE.528.5018.15	28	1 1⁄8	0.59	23.43	20.79	21.89	2.40	2.64	3.54	SL04 5018PP	49.9	109.78
SE.528.200.15	28	1 1⁄8	0.59	23.43	20.79	21.89	2.91	3.15	7.87	SL04 200PP	64.9	142.78
SE.528.160.15	28	1 1⁄8	0.59	23.43	20.79	21.89	2.83	3.15	6.30	SL04 160PP	52.7	115.94
SE.450.5024.15	28	1 1⁄8	0.59	20.28	17.72	18.82	2.95	3.15	4.72	SL04 5024PP	45.6	100.32
SE.450.5018.15	28	1 1⁄8	0.59	20.28	17.72	18.82	2.44	2.64	3.54	SL04 5018PP	39.2	86.24
SE.630.200.16	30	1 3⁄16	0.63	27.95	24.80	25.98	2.91	3.15	7.87	SL04 200PP	87	191.4
SE.630.160.16	30	1 3⁄16	0.63	27.95	24.80	25.98	2.91	3.15	6.30	SL04 160PP	82.1	180.62
SE.630.5024.16	30	1 3⁄16	0.63	27.95	24.80	25.98	2.91	3.15	4.72	SL04 5024PP	83.7	184.14
SE.630.5022B.16	30	1 3⁄16	0.63	27.95	24.80	25.98	2.91	3.15	4.33	SL04 5022PP	83.5	183.7
SE.575.5022.16	30	1 3⁄16	0.63	25.59	22.64	23.82	2.91	3.15	4.33	SL04 5022PP	72.3	159.06
SE.800.5022.16	31	1 1⁄4	0.63	35.04	31.50	32.68	2.76	3.15	4.33	SL04 5022PP	136.5	300.3
SE.800.5026.17	32	1 1⁄4	0.67	35.04	31.50	32.76	2.95	3.74	5.12	SL04 5026PP	129.9	285.78
SE.710.5022.17	32	1 1⁄4	0.67	31.50	27.95	29.21	2.83	3.15	4.33	SL04 5022PP	99.8	219.56
SE.670.200.17	32	1 1⁄4	0.67	29.92	26.38	27.64	2.91	3.15	7.87	SL04 200PP	95.3	209.66
SE.670.160.17	32	1 1⁄4	0.67	29.92	26.38	27.64	2.91	3.15	6.30	SL04 160PP	90.5	199.1
SE.670.5024.17	32	1 1⁄4	0.67	29.92	26.38	27.64	2.91	3.15	4.72	SL04 5024PP	89.7	197.34
SE.630.200.17	32	1 1⁄4	0.67	27.95	24.80	26.06	2.91	3.15	7.87	SL04 200PP	86.3	189.86
SE.630.160.17	32	1 1⁄4	0.67	27.95	24.80	26.06	2.91	3.15	6.30	SL04 160PP	81.4	179.08
SE.630.5024.17	32	1 1⁄4	0.67	27.95	24.80	26.06	2.91	3.15	4.72	SL04 5024PP	83	182.6
SE.575.5024.17	32	1 1⁄4	0.67	25.59	22.64	23.90	2.91	3.15	4.72	SL04 5024PP	70.9	155.98
SE.710.5026.18	34	1 5⁄16	0.71	31.50	27.95	29.29	3.07	3.74	5.12	SL04 5026PP	98.3	216.26
SE.710.5022.18	34	1 5⁄16	0.71	31.50	27.95	29.29	2.83	3.15	4.33	SL04 5022PP	98.7	217.14
SE.800.5028.19	36	1 7⁄16	0.71	35.04	31.50	32.91	3.35	3.74	5.51	SL04 5028PP	152.4	335.28
SE.800.5030.20	38	1 1⁄2	0.71	35.04	31.50	32.99	3.54	3.94	5.91	SL04 5030PP	153	336.6
SE.800.5028.20	38	1 1⁄2	0.71	35.04	31.50	32.99	3.35	3.74	5.51	SL04 5028PP	151.4	333.08
SE.800.5026.20	38	1 1⁄2	0.71	35.04	31.50	32.99	2.95	3.74	5.12	SL04 5026PP	133.5	293.7
SE.800.5024.20	38	1 1⁄2	0.71	35.04	31.50	32.99	2.76	3.15	4.72	SL04 5024PP	127.1	279.62
SE.760.5030.20	38	1 1⁄2	0.71	33.86	29.92	31.42	3.35	3.94	5.91	SL04 5030PP	134.2	295.24
SE.710.5024.20	38	1 1⁄2	0.71	31.50	27.95	29.45	2.83	3.15	4.72	SL04 5024PP	94.5	207.9
SE.760.5026.20,5	39	1 9⁄16	0.81	33.86	29.92	31.46	2.95	3.74	5.12	SL04 5026PP	138.2	304.04
SE.800.5030.21	40	1 9⁄16	0.83	35.04	31.50	33.07	3.54	3.94	5.91	SL04 5030PP	152.4	335.28
SE.800.5028.21	40	1 9⁄16	0.83	35.04	31.50	33.07	3.35	3.74	5.51	SL04 5028PP	150.4	330.88
SE.800.5030.22,5	42	1 5⁄8	0.89	35.04	31.50	33.15	3.54	3.94	5.91	SL04 5030PP	160.1	352.22
SE.800.5028.22,5	42	1 5⁄8	0.89	35.04	31.50	33.15	3.35	3.74	5.51	SL04 5028PP	149	327.8
SE.800.5030.23,5	44	1 3⁄4	0.93	35.04	31.50	33.23	3.54	3.94	5.91	SL04 5030PP	149.6	329.12

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Sheaves shown here are standard models; inquiries for custom versions are welcome.

Associated WIRE ROPE & RIGGING

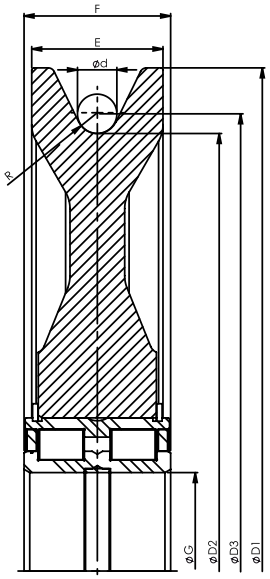
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Polyamid Sheaves

with cylindrical roller bearings



Model number	for wire ød		Dimensions (inch)							Bearing	Material	Weight (kg)	Weight (lbs)
	mm	inch	R	øD1	øD2	øD3	E	F	øG				
SE.260.5010.7.K	12	½	0.28	11.81	10.24	10.71	1.34	1.57	1.97	SL04 5010PP	PA 6G	2.86	6.29
SE.285.5012.7.K	12	½	0.28	12.80	11.22	11.69	1.34	1.81	2.36	SL04 5012PP	PA 6G	3.86	8.49
SE.352.5013.8,5.K	16	⅝	0.33	15.75	13.86	14.49	1.65	1.81	2.56	SL04 5013PP	PA 6G	5.63	12.39
SE.352.5016.8,5.K	16	⅝	0.33	15.75	13.86	14.49	1.97	2.36	3.15	SL04 5016PP	PA 6G	7.61	16.74
SE.400.5018.9,5.K	18	11⁄16	0.37	18.11	15.75	16.46	2.36	2.64	3.54	SL04 5018PP	PA 6G	10.81	23.78
SE.400.5024.9,5.K	18	11⁄16	0.37	18.11	15.75	16.46	2.83	3.15	4.72	SL04 5024PP	PA 6G	14.04	30.89
SE.400.160.9,5.K	18	11⁄16	0.37	18.11	15.75	16.46	2.83	3.15	6.30	SL04 160PP	PA 6G	13.54	29.79
SE.482.5018.11,4.K	21	13⁄16	0.45	22.05	18.98	19.80	2.44	2.64	3.54	SL04 5018PP	PA 6G	14.01	30.82
SE.482.5024.11,4.K	21	13⁄16	0.45	22.05	18.98	19.80	2.83	3.15	4.72	SL04 5024PP	PA 6G	17.54	38.59
SE.482.160.11,4.K	21	13⁄16	0.45	22.05	18.98	19.80	2.83	3.15	6.30	SL04 160PP	PA 6G	17.2	37.84
SE.528.5018.12.K	22	⅞	0.47	23.46	20.79	21.65	2.36	2.64	3.54	SL04 5018PP	PA 6G	15.01	33.02
SE.528.5024.13.K	24	15⁄16	0.51	23.46	20.79	21.73	2.83	3.15	4.72	SL04 5024PP	PA 6G	20.9	45.98
SE.528.160.13.K	24	15⁄16	0.51	23.46	20.79	21.73	2.83	3.15	4.72	SL04 160PP	PA 6G	22.1	48.62

- The dimensions in this table are indicative only. A drawing will always be submitted prior to production and will be the leading document when discussing dimensions.
- Sheaves shown here are standard models; inquiries for custom versions are welcome.

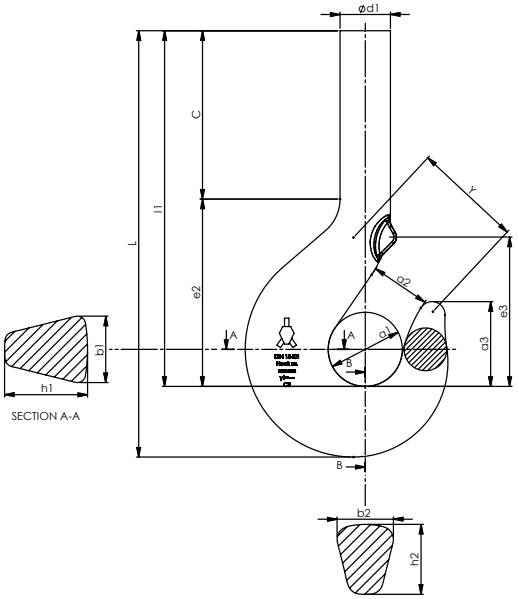
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Single Hook



Hook No.	Lifting Capacity US tons V-Class Hook	Lifting Capacity Metric tons V-Class Hook	Lifting Capacity US tons T-Class Hook	Lifting Capacity Metric tons T-Class Hook	Lifting Capacity US tons P-Class Hook	Lifting Capacity Metric tons P-Class Hook	Dimensions (inch)														Weight (kg)	Weight (lbs)
							a1	a2	a3	b1	b2	c	d1	e2	e3	h1	h2	L	l1	Y		
1,6	8.8	8	6.93	6.3	4.4	4	2.20	1.77	2.52	1.77	1.50	2.52	1.42	5.75	4.65	2.20	1.89	10.47	8.27	2.95	5	10
2,5	13.75	12.5	11	10	6.93	6.3	2.48	1.97	2.83	2.09	1.77	3.46	1.65	6.57	5.20	2.64	2.28	12.68	10.04	3.15	6	14
4	22	20	17.6	16	11	10	2.80	2.20	3.15	2.48	2.09	5.51	1.89	7.48	5.83	3.15	2.64	16.14	12.99	5.12	10	22
5	27.5	25	22	20	13.75	12.5	3.15	2.48	3.54	2.80	2.36	7.28	2.09	8.46	6.50	3.54	2.95	19.29	15.75	5.12	15	33
6	35.2	32	27.5	25	17.6	16	3.54	2.80	3.98	3.15	2.64	7.28	2.36	9.45	7.28	3.94	3.35	20.67	16.73	5.12	21	47
8	44	40	35.2	32	22	20	3.94	3.15	4.45	3.54	2.95	7.95	2.64	10.55	8.27	4.41	3.74	22.91	18.50	5.71	30	66
10	55	50	44	40	27.5	25	4.41	3.54	5.00	3.94	3.35	10.59	2.95	11.26	8.70	4.92	4.17	26.77	21.85	6.30	42	93
12	69.3	63	55	50	35.2	32	4.92	3.94	5.63	4.41	3.74	11.18	3.35	12.44	9.92	5.51	4.65	29.13	23.62	7.09	59	129
16	88	80	69.3	63	44	40	5.51	4.41	6.30	4.92	4.17	11.93	3.74	14.06	11.02	6.30	5.20	32.28	25.98	7.87	82	180
20	110	100	88	80	55	50	6.30	4.92	7.09	5.51	4.65	16.34	4.17	15.94	12.99	7.09	5.91	39.37	32.28	8.86	123	270
25	137.5	125	110	100	69.3	63	7.09	5.51	7.95	6.30	5.20	17.52	4.65	17.91	14.17	7.87	6.69	43.31	35.43	10.04	173	382
32	176	160	137.5	125	88	80	7.87	6.30	8.86	7.09	5.91	19.29	5.20	20.08	15.75	8.82	7.48	48.19	39.37	11.42	238	524
40	220	200	176	160	110	100	8.82	7.09	9.92	7.87	6.69	19.02	5.91	22.32	17.60	9.84	8.35	51.18	41.34	12.60	326	719
50	275	250	220	200	137.5	125	9.84	7.87	11.22	8.82	7.48	19.88	6.69	25.00	19.09	11.02	9.29	55.91	44.88	13.98	455	1003
63	352	320	275	250	176	160	11.02	8.82	12.60	9.84	8.35	23.23	7.48	27.95	21.65	12.40	10.43	63.58	51.18	15.75	643	1418
80	440	400	352	320	220	200	12.40	9.84	14.09	11.02	9.29	17.64	8.35	31.57	23.54	13.98	11.81	63.19	49.21	17.72	760	1676
100	550	500	440	400	275	250	13.98	11.02	15.83	12.40	10.43	20.20	9.29	35.51	27.09	15.75	13.19	71.46	55.71	19.88	1220	2690
125	693	630	550	500	352	320	15.75	12.40	17.72	13.98	11.81	23.62	10.43	40.16	29.53	17.72	14.76	81.50	63.78	22.44	1750	3858
160	880	800	693	630	440	400	17.72	13.98	19.88	15.75	13.19	25.39	11.81	45.08	32.48	19.69	16.73	90.16	70.47	25.20	2480	5467
200	1100	1000	880	800	550	500	19.69	15.75	22.24	17.72	14.76	30.43	13.19	50.20	35.43	22.05	18.70	102.68	80.63	28.35	3420	7540
250	1375	1250	1100	1000	693	630	22.05	17.72	25.00	19.69	16.73	34.45	14.76	56.30	38.58	24.80	20.87	115.55	90.75	31.89	4800	10582

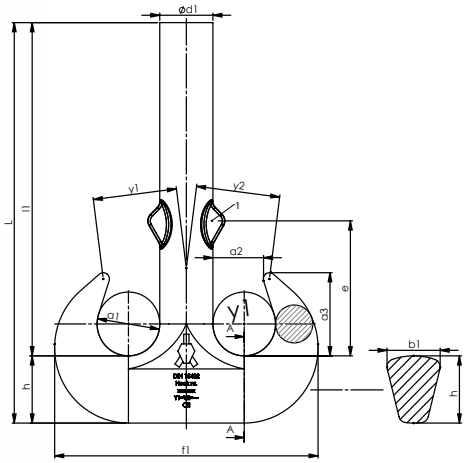
- Hooks shown here are standard models; inquiries for custom versions are welcome.
- Lifting capacity determined according to cranegroup 1Bm as specified in DIN 15400.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Double Hook



Hook No.	Lifting Capacity US tons V-Class Hook	Lifting Capacity Metric tons V-Class Hook	Lifting Capacity US tons T-Class Hook	Lifting Capacity Metric tons T-Class Hook	Lifting Capacity US tons P-Class Hook	Lifting Capacity Metric tons P-Class Hook	Dimensions (inch)											Weight (kg)	Weight (lbs)
							a1	a2	a3	b1	d1	e	f1	h	L	l1	y1 = y2		
1,6	8.8	8	6,93	6,3	4,4	4	1.77	1.42	2.32	1.34	1.42	3.94	7.20	1.69	10.43	8.74	2.36	5	12
2,5	13.75	12.5	11	10	6.93	6,3	1.97	1.57	2.56	1.57	1.65	4.41	8.19	1.97	11.81	9.84	2.56	7	15
4	22	20	17.6	16	11	10	2.20	1.77	2.87	1.89	1.89	4.88	9.37	2.36	15.35	12.99	3.66	10	22
5	27.5	25	22	20	13.75	12,5	2.48	1.97	3.23	2.09	2.09	5.63	10.47	2.64	14.65	12.01	3.66	13	28
6	35.2	32	27,5	25	17.6	16	2.80	2.20	3.62	2.36	2.36	6.30	11.85	2.95	19.88	16.93	3.66	18	39
8	44	40	35,2	32	22	20	3.15	2.48	4.06	2.64	2.64	7.17	13.27	3.35	21.06	17.72	4.11	26	58
10	55	50	44	40	27.5	25	3.54	2.80	4.57	2.95	2.95	7.56	14.84	3.74	23.03	19.29	4.63	35	77
12	69.3	63	55	50	35.2	32	3.94	3.15	5.12	3.35	3.35	8.27	16.57	4.17	24.25	20.08	5.22	49	108
16	88	80	69.3	63	44	40	4.41	3.54	5.75	3.74	3.74	9.33	18.54	4.65	28.27	23.62	5.85	60	132
20	110	100	88	80	55	50	4.92	3.94	6.42	4.17	4.17	10.43	20.91	5.20	33.54	28.35	6.52	97	214
25	137.5	125	110	100	69.3	63	5.51	4.41	7.17	4.65	4.65	12.40	23.54	5.91	39.37	33.46	7.28	135	298
32	176	160	137.5	125	88	80	6.30	4.92	8.07	5.20	5.20	13.19	26.46	6.69	40.16	33.46	8.15	193	425
40	220	200	176	160	110	100	7.09	5.51	9.06	5.91	5.91	14.76	29.69	7.48	47.83	40.35	9.17	280	617
50	275	250	220	200	137.5	125	7.87	6.30	10.24	6.69	6.69	16.54	33.15	8.35	51.65	43.31	10.43	338	745
63	352	320	275	250	176	160	8.82	7.09	11.50	7.48	7.48	18.11	37.17	9.29	56.54	47.24	11.69	539	1188
80	440	400	352	320	220	200	9.84	7.87	12.80	8.35	8.35	20.28	41.81	10.43	59.65	49.21	13.03	760	1676
100	550	500	440	400	275	250	11.02	8.82	14.33	9.29	9.29	22.64	46.69	11.81	67.91	56.10	14.57	1100	2425
125	693	630	550	500	352	320	12.40	9.84	16.06	10.43	10.43	25.39	52.36	13.19	74.21	61.02	16.32	1491	3287
160	880	800	693	630	440	400	13.98	11.02	18.03	11.81	11.81	28.54	59.25	14.76	83.46	68.70	18.35	2115	4663
200	1100	1000	880	800	550	500	15.75	12.40	20.28	13.19	13.19	31.50	66.34	16.73	95.39	78.66	20.7	3015	6647
250	1375	1250	1100	1000	693	630	17.72	13.98	22.83	14.76	14.76	34.45	74.21	18.70	107.28	88.58	23.13	4268	9409

- Hooks shown here are standard models; inquiries for custom versions are welcome.
- Lifting capacity determined according to cranegroup 1Bm as specified in DIN 15400.

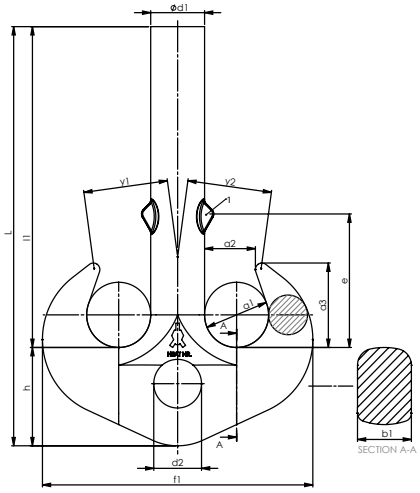
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Double Hook with shackle hole

form B



Hook No.	Lifting Capacity US tons V-Class Hook	Lifting Capacity Metric tons V-Class Hook	Lifting Capacity US tons T-Class Hook	Lifting Capacity Metric tons T-Class Hook	Lifting Capacity US tons P-Class Hook	Lifting Capacity Metric tons P-Class Hook	Dimensions (inch)												Weight (kg)	Weight (lbs)
							a1	a2	a3	b1	d1	d2 (H15)	e	f1	h	L	l1	y1 = y2		
8	44	40	35,2	32	22	20	3.15	2.48	4.06	2.64	2.64	2.91	7.17	13.27	4.72	21.06	16.34	4.11	30	66
10	55	50	44	40	27.5	25	3.54	2.80	4.57	2.95	2.95	2.91	7.56	14.84	5.12	22.83	17.72	4.63	41	90
12	69.3	63	55	50	35.2	32	3.94	3.15	5.12	3.35	3.35	3.07	8.27	16.57	5.91	25.98	20.08	5.22	57	126
16	88	80	69.3	63	44	40	4.41	3.54	5.75	3.74	3.74	3.39	9.33	18.54	6.69	29.53	22.83	5.85	82	181
20	110	100	88	80	55	50	4.92	3.94	6.42	4.17	4.17	3.78	10.43	20.91	7.48	33.07	25.59	6.52	115	254
25	137.5	125	110	100	69.3	63	5.51	4.41	7.17	4.65	4.65	4.17	12.40	23.54	8.35	36.50	28.15	7.28	160	353
32	176	160	137.5	125	88	80	6.30	4.92	8.07	5.20	5.20	4.57	13.19	26.46	9.29	40.39	31.10	8.15	229	505
40	220	200	176	160	110	100	7.09	5.51	9.06	5.91	5.91	5.16	14.76	29.69	10.43	45.28	34.84	9.17	330	728
50	275	250	220	200	137.5	125	7.87	6.30	10.24	6.69	6.69	5.75	16.54	33.15	11.81	49.80	37.99	10.43	458	1010
63	352	320	275	250	176	160	8.82	7.09	11.50	7.48	7.48	6.61	18.11	37.17	13.19	56.10	42.91	11.69	638	1407
80	440	400	352	320	220	200	9.84	7.87	12.80	8.35	8.35	7.40	20.28	41.81	14.76	63.39	48.62	13.03	892	1967
100	550	500	440	400	275	250	11.02	8.82	14.33	9.29	9.29	8.19	22.64	46.69	16.73	70.87	54.13	14.57	1248	2751
125	693	630	550	500	352	320	12.40	9.84	16.06	10.43	10.43	9.25	25.39	52.36	18.70	79.72	61.02	16.32	1757	3874
160	880	800	693	630	440	400	13.98	11.02	18.03	11.81	11.81	10.24	28.54	59.25	20.87	89.57	68.70	18.35	2500	5512
200	1100	1000	880	800	550	500	15.75	12.40	20.28	13.19	13.19	11.10	31.50	66.34	23.62	100.79	77.17	20.57	3560	7848
250	1375	1250	1100	1000	693	630	17.72	13.98	22.83	14.76	14.76	12.28	34.45	74.21	26.38	113.39	87.01	23.13	5033	11096

- Hooks shown here are standard models; inquiries for custom versions are welcome.
- Lifting capacity determined according to cranegroup 1Bm as specified in DIN 15400.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

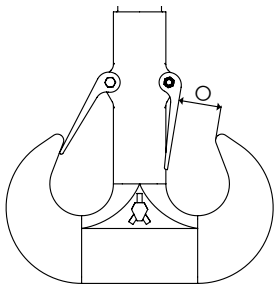
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Latches

Single Hook	Standard hook latch	Standard hook latch with locking pin	Heavy duty hook latch with locking pin	Dimensions (inch)
				O
1,6	64.1,6.E	on request	on request	1.57
2,5	64.2,5.E	on request	64.2,5.E.B	1.61
4	64.4.E	on request	64.4.E.B	1.93
5	64.5.E	64.5.E.F	64.5.E.B	2.17
6	64.6.E	64.6.E.F	64.6.E.B	2.24
8	64.8.E	64.8.E.F	64.8.E.B	2.72
10	64.10.E	64.10.E.F	64.10.E.B	2.99
12	64.12.E	64.12.E.F	64.12.E.B	3.31
16	64.16.E	64.16.E.F	64.16.E.B	3.82
20	64.20.E	64.20.E.F	64.20.E.B	4.33
25	64.25.E	64.25.E.F	64.25.E.B	5.2
32	64.32.E	64.32.E.F	64.32.E.B	5.39
40	64.40.E	64.40.E.F	64.40.E.B	6.57
50	64.50.E	64.50.E.F	64.50.E.B	7.4
63	64.63.E	64.63.E.F	64.63.E.B	8.07
80	64.80.E	on request	64.80.E.B	8.98
100	64.100.E	on request	64.100.E.B	10.03
125	64.125.E	on request	on request	11.41
160	64.160.E	on request	on request	13.34
200	64.200.E	on request	on request	14.81
250	64.250.E	on request	on request	16.53

Double Hook (incl. form b)	Standard hook latch	Standard hook latch with locking pin	Heavy duty hook latch with locking pin	Dimensions (inch)
				O
2,5	64.1,6.E	on request	on request	1.18
4	64.2,5.E	on request	64.2,5.E.B	1.22
5	64.4.E	64.5.D.F	64.4.E.B	1.5
6	64.5.E	64.6.D.F	64.5.E.B	1.89
8	64.6.E	64.8.D.F	64.6.E.B	1.85
10	64.8.E	64.10.D.F	64.8.E.B	2.24
12	64.10.E	64.12.D.F	64.10.E.B	2.36
16	64.12.E	64.16.D.F	64.12.E.B	2.48
20	64.16.E	64.20.D.F	64.16.E.B	2.87
25	64.20.E	64.25.D.F	64.20.E.B	3.43
32	64.25.E	64.32.D.F	64.25.E.B	4.25
40	64.32.E	64.40.D.F	64.32.E.B	4.41
50	64.40.E	64.50.D.F	64.40.E.B	5.12
63	64.50.E	64.63.D.F	64.50.E.B	5.75
80	64.63.E	64.80.D.F	64.63.E.B	6.54
100	64.80.E	64.100.D.F	64.80.E.B	7.48
125	64.100.E	on request	64.100.E.B	8.46
160	64.125.E	on request	on request	9.65
200	64.160.E	on request	on request	11.38
250	64.200.E	on request	on request	12.51



Ropeblock latches are zinc plated and are also available in stainless steel.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Components

Swivels

Ropeblock swivels may be used in applications where wire rope twist needs to be released. Some of the key features:

- Closed body design
- Low weight design
- High capacity, low friction thrust bearings
- Wide variety of interfacing connections
- Subsea capabilities optional
- Proofloaded and serialized
- Finish depending on specific requirements

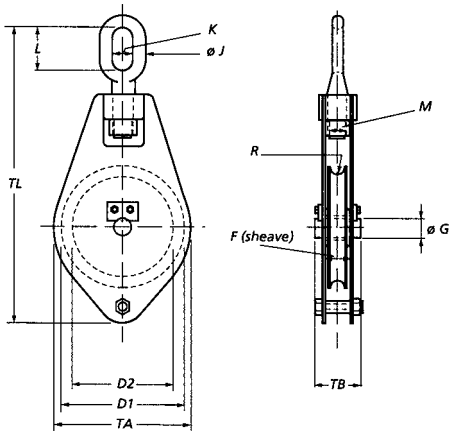
Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Samson Wire Rope Blocks
1 sheave

Can also be delivered with:



Stock No.	WLL (t)	Wire up to (mm)	No of Sheav.	Dimensions (mm)												Weight (kg)
				D1	D2	F	ØG	ØJ	K	L	M	R	TA	TB	TL	
11.100.00.10	0.75	8	1	100	80	20	15	12	21	48	16	4.5	110	45	275	2
11.125.01.10	1	10	1	125	105	27	22	16	26	58	18	5.5	135	52	336	3
11.150.02.10	2	12	1	150	120	40	30	16	26	58	24	6.5	170	74	407	6
11.200.03.10	3	14	1	200	165	40	30	21	32	72	30	7.5	220	74	500	10
11.250.04.10	4	18	1	250	210	45	35	26	40	94	33	9.5	270	81	608	18
11.300.06.10	6	20	1	300	255	50	40	29	45	108	42	11	320	88	706	27
11.350.08.10	8	22	1	350	305	50	45	32	49	114	45	12	380	92	778	44
11.350.10.10	10	22	1	350	305	60	50	36	54	125	52	12	380	110	795	50
11.400.10.10	10	24	1	400	345	60	50	36	54	125	52	13	430	110	848	60
11.350.12.10	12	22	1	350	305	60	50	41	60	144	56	12	380	114	821	59
11.400.12.10	12	24	1	400	345	60	60	41	60	144	56	13	430	118	926	75
11.350.16.10	16	22	1	350	305	60	50	46	66	163	64	12	380	114	879	69
11.400.16.10	16	24	1	400	345	60	60	46	66	163	64	13	430	118	959	81
11.400.20.10	20	24	1	400	345	60	60	51	72	173	72	13	430	118	990	97
11.450.20.10	20	28	1	450	390	70	70	51	72	173	72	15	480	128	1046	109
11.450.25.10	25	28	1	450	390	70	70	60	80	195	76	15	480	128	1105	130
11.450.30.10	30	36	1	450	390	70	70	60	90	220	80	19.5	480	134	1145	150

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.

- All blocks up to 30 tons are standard supplied with swivel oval eye, for over 30 tons with swivel stud eye.
- All blocks can be supplied with swivel hook, swivel stud eye or swivel jaw.
- For ordering wire rope blocks with becket, the last digit of the stock number should be 1 (instead of 0).
- Standard supplied with bronze bearings. • Other bearings available on request.
- Groove in sheave may be adjusted to other wire rope diameters.

Associated WIRE ROPE & RIGGING

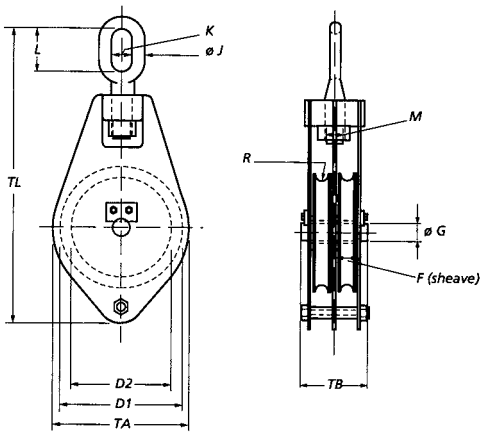
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Samson Wire Rope Blocks
2 sheaves

Can also be delivered with:



Stock No.	WLL (t)	Wire up to (mm)	No of Sheav.	Dimensions (mm)												Weight (kg)
				D1	D2	F	ØG	ØJ	K	L	M	R	TA	TB	TL	
11.100.01.20	1	8	2	100	80	20	15	16	26	58	18	4.5	110	70	295	4
11.125.02.20	1.5	10	2	125	105	27	22	16	26	58	24	5.5	135	85	336	6
11.150.03.20	3	12	2	150	120	40	30	21	32	72	30	6.5	170	120	430	11
11.200.04.20	4	14	2	200	165	40	30	26	40	94	33	7.5	220	120	538	18
11.250.06.20	6	18	2	250	210	45	35	29	45	108	42	9.5	270	133	624	32
11.300.08.20	8	20	2	300	255	50	40	32	49	114	45	11	320	146	713	43
11.350.10.20	10	22	2	350	305	50	45	36	54	125	52	12	380	152	569	74
11.350.12.20	12	22	2	350	305	60	50	41	60	144	56	12	380	186	821	81
11.400.12.20	12	24	2	400	345	60	50	41	60	144	56	13	430	180	893	102
11.350.16.20	16	22	2	350	305	60	50	46	66	163	64	12	380	186	879	98
11.400.16.20	16	24	2	400	345	60	60	46	66	163	64	13	430	192	959	126
11.350.20.20	20	22	2	350	305	60	50	51	72	173	72	12	380	186	896	116
11.400.20.20	20	24	2	400	345	60	60	51	72	173	72	13	430	192	976	146
11.400.25.20	25	24	2	400	345	60	60	60	80	195	76	13	430	192	1065	169
11.450.25.20	25	28	2	450	390	70	70	60	80	195	76	15	480	221	1120	190
11.400.30.20	30	24	2	400	345	60	60	60	90	220	80	13	430	192	1095	184
11.450.30.20	30	28	2	450	390	70	70	60	90	220	80	15	480	236	1150	204
11.450.40.20	40	28	2	450	390	70	70	-	96	96	90	15	480	236	1030	225

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.
- All blocks up to 30 tons are standard supplied with swivel oval eye, for over 30 tons with swivel stud eye.
- All blocks can be supplied with swivel hook, swivel stud eye or swivel jaw.
- For ordering wire rope blocks with becket, the last digit of the stock number should be 1 (instead of 0).
- Standard supplied with bronze bearings. • Other bearings available on request.
- Groove in sheave may be adjusted to other wire rope diameters.

Associated WIRE ROPE & RIGGING

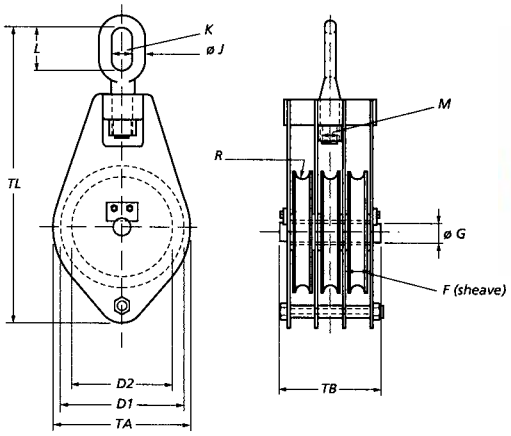
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Samson Wire Rope Blocks
3 sheaves

Can also be delivered with:



Stock No.	WLL (t)	Wire up to (mm)	No of Sheav.	Dimensions (mm)												Weight (kg)
				D1	D2	F	ØG	ØJ	K	L	M	R	TA	TB	TL	
11.125.02.30	2	10	3	125	105	27	22	16	26	58	24	5.5	135	120	336	9
11.150.04.30	4	12	3	150	120	40	30	26	40	94	33	6.5	170	166	468	17
11.200.06.30	6	14	3	200	165	40	30	29	45	108	42	7.5	220	166	556	28
11.250.08.30	8	18	3	250	210	45	35	32	49	114	45	9.5	270	185	633	46
11.300.10.30	10	20	3	300	255	50	40	36	54	125	52	11	320	204	733	69
11.350.12.30	12	22	3	350	305	50	45	41	60	144	56	12	380	212	823	99
11.350.16.30	16	24	3	350	305	60	50	46	66	163	64	13	380	258	880	120
11.400.16.30	16	24	3	400	345	60	50	46	66	163	64	13	430	250	927	157
11.350.20.30	20	24	3	350	305	60	50	51	72	173	72	13	380	258	896	143
11.400.20.30	20	24	3	400	345	60	60	51	72	173	72	13	430	266	1006	184
11.350.25.30	25	24	3	350	305	60	50	60	80	195	76	13	380	266	955	170
11.400.25.30	25	24	3	400	345	60	60	60	80	195	76	13	430	266	1065	198
11.450.25.30	25	28	3	450	390	70	70	60	80	195	76	15	480	296	1120	220
11.400.30.30	30	28	3	400	345	60	60	60	90	220	80	15	430	266	1095	215
11.450.30.30	30	28	3	450	390	70	70	60	90	220	80	15	480	296	1140	255
11.400.40.30	40	28	3	400	345	60	60	-	96	96	90	15	430	278	945	250
11.450.40.30	40	28	3	450	390	70	70	-	96	96	90	15	480	308	1030	295
11.450.50.30	50	28	3	450	390	70	75	-	106	106	100	15	480	338	1055	335

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.

- All blocks up to 30 tons are standard supplied with swivel oval eye, for over 30 tons with swivel stud eye.
- All blocks can be supplied with swivel hook, swivel stud eye or swivel jaw.
- For ordering wire rope blocks with becket, the last digit of the stock number should be 1 (instead of 0).
- Standard supplied with bronze bearings. • Other bearings available on request.
- Groove in sheave may be adjusted to other wire rope diameters.

Associated WIRE ROPE & RIGGING

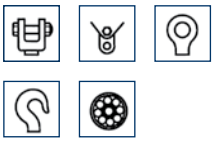
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

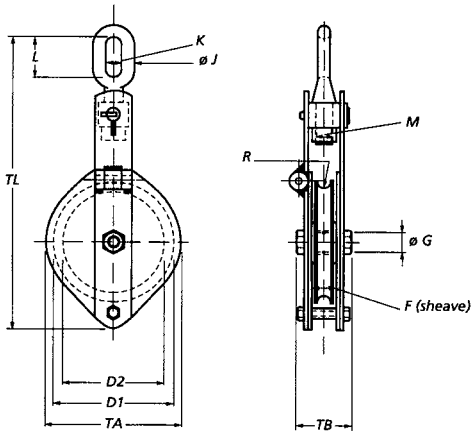
8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Snatch Blocks
Self Locking

Can also be delivered with:





Stock No.	WLL (t)	Wire up to (mm)	Dimensions (mm)												Weight (kg)
			D1	D2	F	ØG	ØJ	K	L	M	R	TA	TB	TL	
12.125.01.10	1	10	125	105	27	22	16	26	58	18	5.5	135	80	316	4.5
12.150.02.10	2	12	150	120	40	30	16	26	58	24	6.5	170	100	391	8
12.200.03.10	3	14	200	165	40	30	21	32	72	30	7.5	220	100	483	12.5
12.250.04.10	4	18	250	210	45	35	26	40	94	33	9.5	270	110	614	21
12.300.06.10	6	20	300	255	50	40	29	45	108	42	11	320	125	698	33
12.350.08.10	8	22	350	305	60	45	32	49	115	45	12	380	150	777	48
12.400.10.10	10	24	400	345	65	50	36	54	125	52	13	430	170	870	68
12.400.12.10	12	24	400	345	65	55	41	60	144	56	13	430	170	896	83
12.400.16.10	16	28	400	345	70	60	46	66	163	64	15	430	180	950	95
12.450.16.10	16	30	450	390	70	70	46	66	163	64	16	480	180	980	106
12.400.20.10	20	30	400	345	70	70	51	72	173	72	16	430	200	990	122
12.450.20.10	20	32	450	390	70	70	51	72	173	72	17	480	200	1020	130
12.450.25.10	25	36	450	390	80	80	60	80	195	76	19.5	480	224	1045	150
12.450.30.10	30	36	450	390	85	90	60	90	220	80	19.5	480	227	1220	190
12.550.40.13	40	42	550	495	115	120	-	96	96	90	22.5	580	240	1140	250

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.
- Snatch blocks can be supplied with becket, the last digit of the stock number should be 1 (instead of 0).
- Standard supplied with bronze bearings. • Other bearings available on request.
- Standard supplied with swivel oval eye up to 30 tons, for over 30 tons with swivel stud eye.
- Snatch blocks of 1 ton and over 30 tons are provided with a fixed trunnion and locking pin.
- Snatch blocks can be supplied with swivel hook, swivel stud eye or swivel jaw.
- Groove in sheave may be adjusted to other wire rope diameters.

WARNING!: These snatch blocks should never be used as lower block for hoisting.

Associated WIRE ROPE & RIGGING

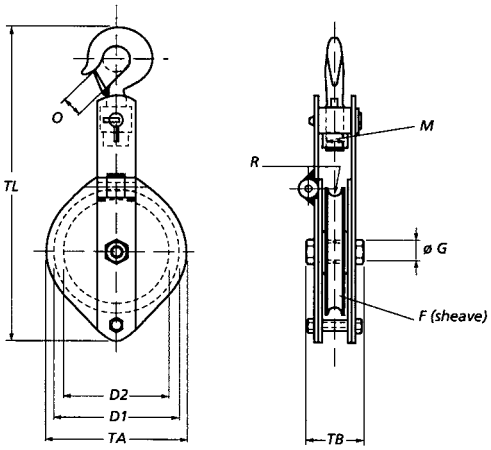
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Snatch Blocks
Self Locking with Hook

Can also be delivered with:



Stock No.	WLL (t)	Wire up to (mm)	Dimensions (mm)										Weight (kg)
			D1	D2	F	ØG	M	O	R	TA	TB	TL	
12.150.02.14	2	12	150	120	40	30	24	35	6.5	170	100	425	8
12.200.03.14	3	14	200	165	40	30	30	42	7.5	220	100	560	12.5
12.250.04.14	4	18	250	210	45	35	33	42	9.5	270	110	655	21

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.
- Groove in sheave may be adjusted to other wire rope diameters.
- Standard supplied with bronze bearings. Other bearings available on request.
- Snatch blocks may be supplied with becket.

WARNING!: These snatch blocks should never be used as lower block for hoisting.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

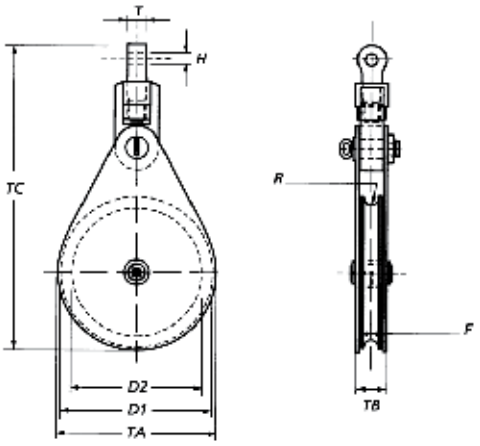
Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Snatch Blocks
HL Series

Can also be delivered with:



Stock No.	WLL (t)	Wire up to (mm)	Bearing	Dimensions (mm)									Weight (kg)
				D1	D2	F	H	R	T	TA	TB	TC	
12.008.20.03	20	26 - 28	RB	200	150	70	52	14.5	70	212	96	751	70
12.008.20.13	20	26 - 28	BB	200	150	70	52	14.5	70	212	96	751	70
12.010.20.03	20	26 - 28	RB	250	190	70	52	14.5	70	262	96	801	81
12.010.20.13	20	26 - 28	BB	250	190	70	52	14.5	70	262	96	801	81
12.012.20.03	20	26 - 28	RB	300	240	70	52	14.5	70	312	96	851	95
12.012.20.13	20	26 - 28	BB	300	240	70	52	14.5	70	312	96	851	95
12.014.20.03	20	26 - 28	RB	350	290	70	52	14.5	70	362	96	901	100
12.014.20.13	20	26 - 28	BB	350	290	70	52	14.5	70	362	96	901	100
12.016.20.03	20	26 - 28	RB	400	340	70	52	14.5	70	412	96	951	110
12.016.20.13	20	26 - 28	BB	400	340	70	52	14.5	70	412	96	951	110
12.018.30.03	30	28 - 32	RB	450	390	80	60	16.5	80	462	112	1121	155
12.018.30.13	30	28 - 32	BB	450	390	80	60	16.5	80	462	112	1121	155
12.020.30.03	30	28 - 32	RB	500	430	80	60	16.5	80	512	112	1171	180
12.020.30.13	30	28 - 32	BB	500	430	80	60	16.5	80	512	112	1171	180
12.024.30.03	30	28 - 32	RB	600	520	80	60	16.5	80	612	112	1271	250
12.024.30.13	30	28 - 32	BB	600	520	80	60	16.5	80	612	112	1271	250

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.
RB= Roller bearing.
BB= Bronze bushing.
• Groove in sheave may be adjusted to other wire rope diameters.

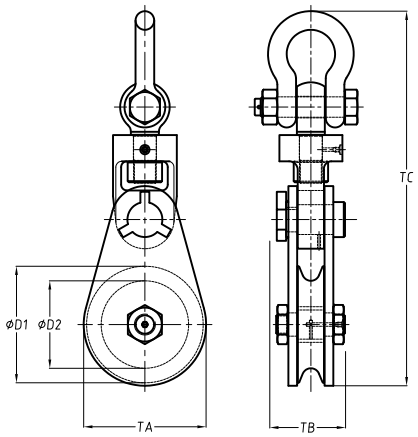
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Snatch Blocks
S Series with Shackle



Stock No.	WLL (t)	Wire		Dimensions (mm)					Bearing type	Weight (kg)
		(mm)	(inches)	ØD1	ØD2	TA	TB	TC		
12.103.02.15	2	7 - 9	9/32 - 3/8	75	58	82	70	290	BB	4
12.104.04.15	4	10 - 12	3/8 - 1/2	115	90	120	70	358	BB	6
12.106.04.15	4	16 - 19	5/8 - 3/4	150	120	160	70	432	BB	14
12.106.08.15	8	19 - 22	3/4 - 7/8	150	120	160	93	497	RB	15
12.108.08.15	8	19 - 22	3/4 - 7/8	200	165	210	93	550	RB	16
12.110.10.15	10	24 - 26	1	250	205	260	115	681	RB	38
12.110.12.15	12	24 - 26	1	250	205	260	115	683	RB	42
12.112.12.15	12	24 - 26	1	300	250	310	133	767	RB	56
12.108.15.15	15	22 - 24	7/8 - 15/16	200	165	210	102	663	RB	24
12.112.15.15	15	24 - 26	1	300	250	310	133	788	RB	65
12.114.22.15	22	28 - 32	1 1/8 - 1 1/4	355	305	365	140	962	RB	90
12.116.22.15	22	28 - 32	1 1/8 - 1 1/4	405	350	415	140	1019	RB	108
12.118.22.15	22	28 - 32	1 1/8 - 1 1/4	450	395	465	180	1069	RB	120
12.112.30.15	30	28 - 30	1 1/8 - 1 3/16	300	245	310	193	1023	RB	125
12.116.30.15	30	32 - 35	1 1/4 - 1 3/8	405	350	415	155	1121	RB	135
12.120.30.15	30	32 - 35	1 1/4 - 1 3/8	508	440	514	162	1256	RB	210
12.114.35.15	35	32 - 35	1 1/4 - 1 3/8	350	280	365	193	1058	RB	130
12.124.50.15	50	46 - 50	1 13/16 - 2	600	500	625	275	1525	RB	418

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.
RB= Roller bearing.
BB= Bronze bushing.

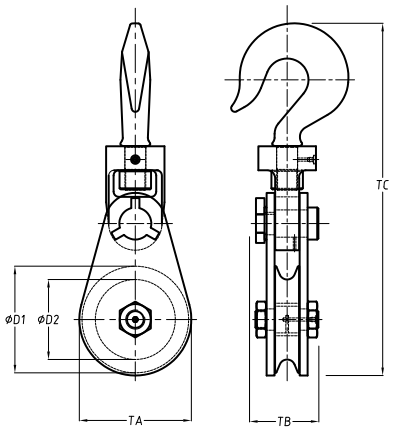
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Snatch Blocks
S Series with Hook



Stock No.	WLL (t)	Wire		Dimensions (mm)					Bearing type	Weight (kg)
		(mm)	(inches)	ØD1	ØD2	TA	TB	TC		
12.103.02.14	2	7 - 9	9/32 - 3/8	75	58	82	70	290	BB	4
12.104.04.14	4	10 - 12	3/8 - 1/2	115	90	120	70	358	BB	6
12.106.04.14	4	16 - 19	5/8 - 3/4	150	120	160	70	432	BB	14
12.106.08.14	8	19 - 22	3/4 - 7/8	150	120	160	93	498	RB	15
12.108.08.14	8	19 - 22	3/4 - 7/8	200	165	210	93	549	RB	16
12.110.10.14	10	24 - 26	1	250	205	260	115	695	RB	38
12.110.12.14	12	24 - 26	1	250	205	260	115	701	RB	42
12.112.12.14	12	24 - 26	1	300	250	310	133	797	RB	56
12.108.15.14	15	22 - 24	7/8 - 15/16	200	165	210	102	672	RB	24
12.112.15.14	15	24 - 26	1	300	250	310	133	797	RB	65
12.114.22.14	22	28 - 32	1 1/8 - 1 1/4	355	305	365	140	960	RB	90
12.116.22.14	22	28 - 32	1 1/8 - 1 1/4	405	350	415	140	1027	RB	108
12.118.22.14	22	28 - 32	1 1/8 - 1 1/4	450	395	465	180	1058	RB	120
12.112.30.14	30	28 - 30	1 1/8 - 1 3/16	300	245	310	193	993	RB	125
12.116.30.14	30	32 - 35	1 1/4 - 1 3/8	405	350	415	155	1121	RB	135
12.120.30.14	30	32 - 35	1 1/4 - 1 3/8	508	440	514	162	1177	RB	210
12.114.35.14	35	32 - 35	1 1/4 - 1 3/8	350	280	365	193	1028	RB	130
12.124.50.14	50	46 - 50	1 13/16 - 2	600	500	625	275	1495	RB	418

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.
RB= Roller bearing.
BB= Bronze bushing.

Associated
WIRE ROPE & RIGGING

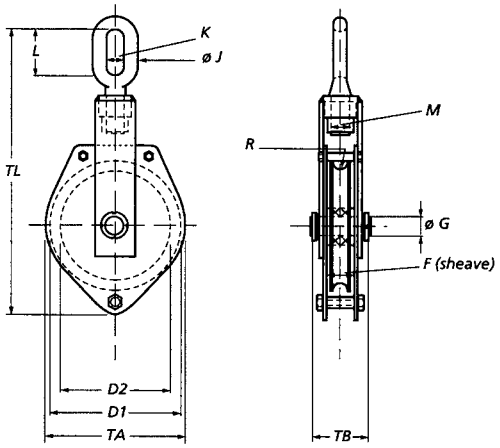
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Cargo Blocks without Becket

Can also be delivered with:



Stock No.	WLL (t)	Wire up to (mm)	Dimensions (mm)												Weight (kg)
			D1	D2	F	ØG	ØJ	K	L	M	R	TA	TB	TL	
13.250.04.10	4	18	250	210	45	35	26	40	94	33	9,5	270	109	595	20
13.300.06.10	6	20	300	255	50	40	29	45	108	42	11	320	120	705	31
13.350.08.10	8	22	350	305	60	45	32	49	115	45	12	380	128	780	49
13.400.10.10	10	24	400	345	65	50	36	54	125	52	13	430	156	900	70
13.450.16.10	16	28	450	390	70	60	46	66	163	64	15	480	166	1060	105

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.

- These cargo blocks may be used as an alternative for JIS-blocks.
- Standard fitted with cylindrical roller bearings.
- Cargo blocks can also be supplied with jaw, stud eye or duckbill eye.
- Groove in sheave may be adjusted to other wire rope diameters.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

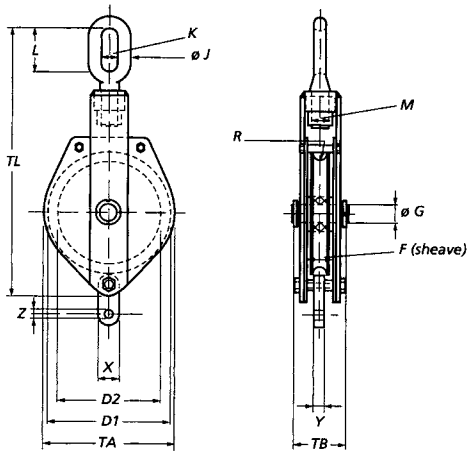
Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Cargo Blocks with Becket

Can also be delivered with:



Stock No.	WLL (t)	Wire up to (mm)	Dimensions (mm)															Weight (kg)
			D1	D2	F	ØG	ØJ	K	L	M	R	TA	TB	TL	X	Y	Z	
13.250.06.11	6	18	250	210	45	35	29	45	108	42	9.5	270	105	630	50	25	25	22
13.300.09.11	9	20	300	255	50	40	36	54	125	52	11	320	125	750	65	30	33	35
13.350.12.11	12	22	350	305	60	45	41	60	144	56	12	380	140	840	65	30	33	55
13.400.15.11	15	24	400	345	65	50	46	66	163	64	13	430	153	980	90	40	42	81
13.450.24.11	24	28	450	390	70	70	60	80	195	76	15	480	170	1130	95	45	48	145

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.

- These cargo blocks may be used as an alternative for JIS-blocks.
- Standard fitted with cylindrical roller bearings.
- Cargo blocks can also be supplied with jaw, stud eye or duckbill eye.
- Groove in sheave may be adjusted to other wire rope diameters.

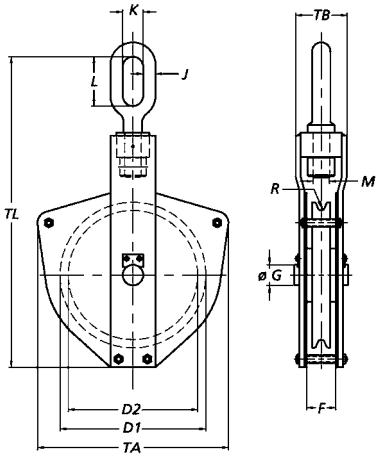
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Anchor Boom Blocks



Stock No.	WLL (t)	Wire up to (mm)	Dimensions (mm)												Weight (kg)
			D1	D2	F	ØG	J	K	L	M	R	TA	TB	TL	
26.200.03.10	3	10	200	165	40	30	21	32	72	30	5.5	270	230	465	13.5
26.250.04.10	4	12	250	210	45	35	26	40	94	33	6.5	320	280	556	22
26.300.06.10	6	14	300	255	50	40	29	45	108	42	7.5	400	360	653	35
26.350.08.10	8	18	350	300	45	45	32	49	115	45	9.5	450	400	714	72
26.400.12.10	12	20	400	345	50	60	41	60	144	56	11.0	502	440	1014	85
26.450.16.10	16	22	450	390	60	70	46	66	163	64	12.0	560	510	1094	105
26.500.18.10	18	24	500	430	70	75	51	72	173	72	13.0	610	520	1097	135
26.500.20.10	20	36	500	430	70	80	51	72	173	72	19.5	620	550	1114	164

WLL= Working Load Limit on head fitting.

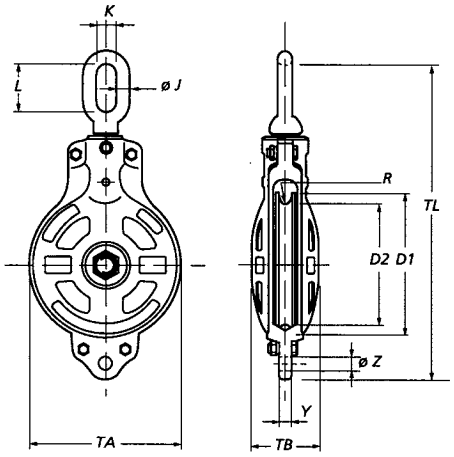
- Sheaves standard fitted with cylindrical roller bearing.
- Optionally supplied with roller thrust bearing for lifting eye.
- Groove in sheave may be adjusted to other wire rope diameters.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

American Pattern Cargo Blocks
1 Sheave/Oval Eye



Stock No.	WLL (t)	Rope size up to (mm)	Dimensions (mm)											Weight (kg)
			D1	D2	ØJ	K	L	R	Y	ØZ	TA	TB	TL	
17.010.06.11	6	16 - 20	260	225	25	43	85	10	36	30	285	135	592	26
17.012.10.11	10	20 - 22	300	265	28	50	92	11	38	30	330	140	667	40
17.014.10.11	10	20 - 24	340	300	35	50	97	12	44	35	380	150	765	54
17.016.20.11	20	24 - 28	405	357	40	62	140	13	60	40	440	180	932	94

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.
- Tapered roller bearings.
- Standard fitted with becket hole.
- Certificate on request only and at additional costs.

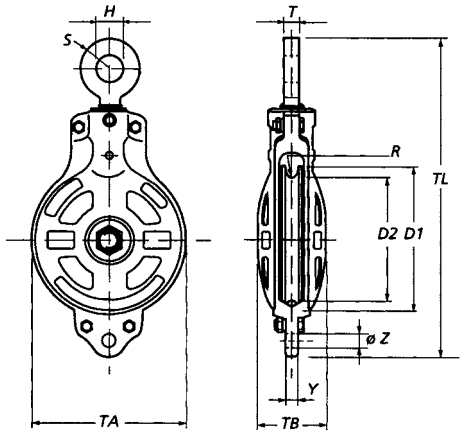
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

American Pattern Cargo Blocks
1 Sheave/Round Eye



Stock No.	WLL (t)	Rope size up to (mm)	Dimensions (mm)											Weight (kg)
			D1	D2	H	T	S	R	Y	ØZ	TA	TB	TL	
17.010.06.17	6	16 - 20	260	225	35	36	38	10	36	30	285	135	592	26
17.012.10.17	10	20 - 22	300	265	53	48	56	11	38	30	330	140	667	40
17.014.10.17	10	20 - 24	340	300	53	48	56	12	44	35	380	150	765	54
17.016.20.17	20	24 - 28	405	357	63	67	65	13	60	40	440	180	932	94

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.
- Tapered roller bearings.
- Standard fitted with becket hole.
- Certificate on request only and at additional costs.

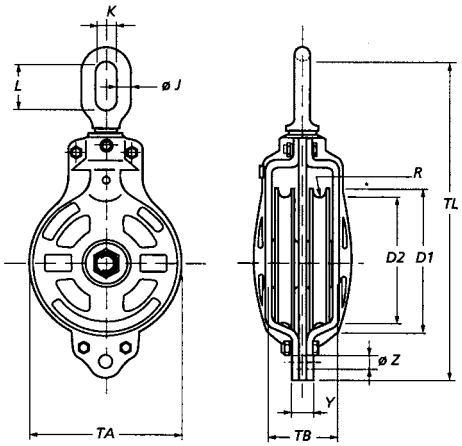
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

American Pattern Cargo Blocks
2 Sheave/Oval Eye



Stock No.	WLL (t)	Rope size up to (mm)	Dimensions (mm)											Weight (kg)
			D1	D2	ØJ	K	L	R	Y	ØZ	TA	TB	TL	
17.010.08.21	8	16 - 20	260	225	28	50	92	10	46	30	285	170	615	44
17.012.10.21	10	20 - 22	300	265	35	50	97	11	46	30	330	200	697	65
17.016.20.21	20	24 - 26	405	357	48	75	150	13	70	45	440	280	986	152

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.
- Tapered roller bearings.
- Standard fitted with becket hole.
- Certificate on request only and at additional costs.

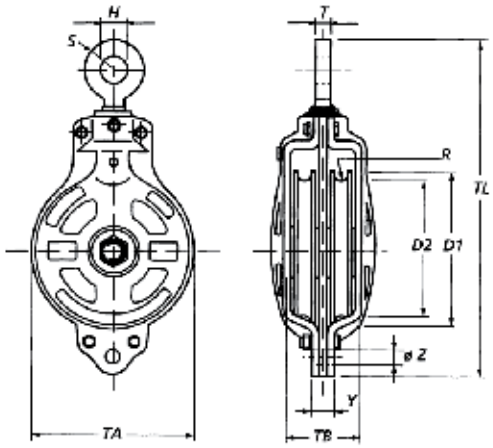
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

American Pattern Cargo Blocks
2 Sheaves/Round Eye



Stock No.	WLL (t)	Rope size up to (mm)	Dimensions (mm)											Weight (kg)
			D1	D2	H	T	S	R	Y	ØZ	TA	TB	TL	
17.010.08.27	8	16 - 20	260	225	53	48	56	10	46	30	285	170	615	44
17.012.10.27	10	20 - 22	300	265	53	48	56	11	46	30	330	200	697	65
17.016.20.27	20	24 - 26	405	357	70	78	80	13	70	45	440	280	986	152

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.
- Tapered roller bearings.
- Standard fitted with becket hole.
- Certificate on request only and at additional costs.

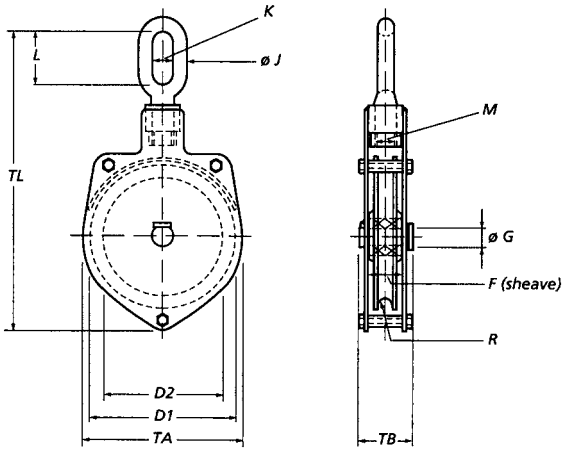
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Ricotto Blocks



Stock No.	WLL (t)	Wire (mm)	Bearing	Dimensions (mm)												Weight (kg)
				D1	D2	F	ØG	ØJ	K	L	M	R	TA	TB	TL	
15.250.05.10	5	20	TP	250	215	51	30	26	40	94	33	11	260	90	520	21
15.251.05.10	5	20	RB	250	215	51	30	26	40	94	33	11	260	90	520	21
15.300.07.10	7	20	TP	300	250	62	40	29	45	108	43	11	310	100	645	32
15.301.07.10	7	20	RB	300	250	62	40	29	45	108	43	11	310	100	645	32

Minimum Ultimate Strength = 4 x WLL.

- Standard zinc electroplated.
- Sheave fitted with cylindrical roller bearing.
- 300 mm sheave with hardened groove.

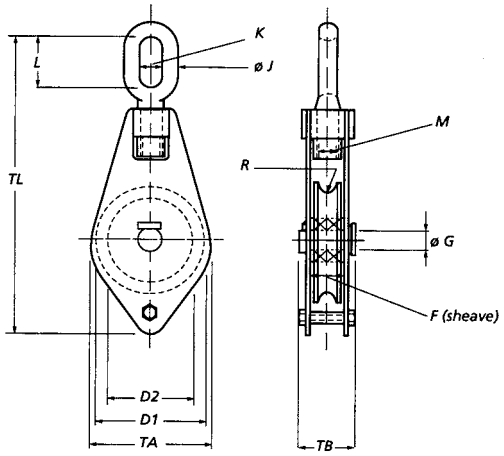
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Ball Bearing Blocks
HL Series
1 Sheave



Stock No.	WLL (t)	Wire size up to (mm)	Dimensions (mm)												Weight (kg)
			D1	D2	F	ØG	ØJ	K	L	M	R	TA	TB	TL	
15.150.03.10	3	20	150	120	32	30	21	32	72	30	11	160	75	385	10

Minimum Ultimate Strength = 4 x WLL.

- Standard zinc electroplated.
- Sheave fitted with double sealed ball bearings, grease lubricated.

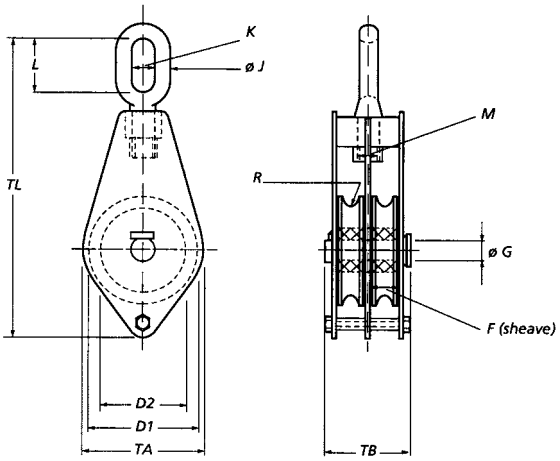
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Ball Bearing Blocks
HL Series
2 Sheaves



Stock No.	WLL (t)	Wire size up to (mm)	Dimensions (mm)												Weight (kg)
			D1	D2	F	ØG	ØJ	K	L	M	R	TA	TB	TL	
15.150.03.20	3	20	150	120	32	30	21	32	72	30	11	160	120	385	16

Minimum Ultimate Strength = 4 x WLL.

- Standard zinc electroplated.
- Sheave fitted with double sealed ball bearings, grease lubricated.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

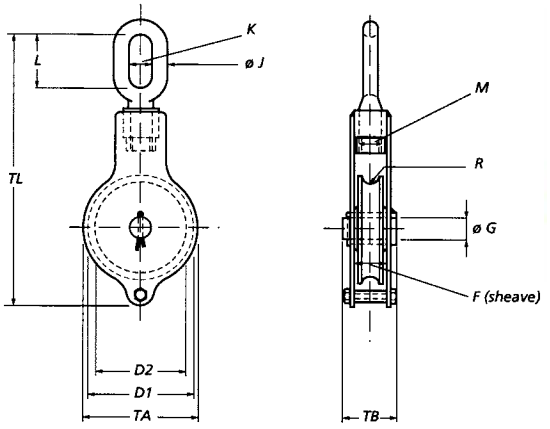
Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Flayt Rope Blocks
1 Sheave

Can also be delivered with:



Stock No.	WLL (t)	Wire size up to (mm)	No of Shvs	Dimensions (mm)												Weight (kg)
				D1	D2	F	ØG	ØJ	K	L	M	R	TA	TB	TL	
16.150.03.10	3	32	1	150	130	38	20	21	32	72	27	16.5	160	70	380	6.5
16.150.03.11	3	32	1	150	130	38	20	21	32	72	27	16.5	160	70	380	6.5

Minimum Ultimate Strength = 4 x WLL.

- Standard zinc electroplated.
- Standard fitted with PTFE bearings.
- For ordering Flayt rope blocks with becket, the last digit of the stock number should be 1 (instead of 0).

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

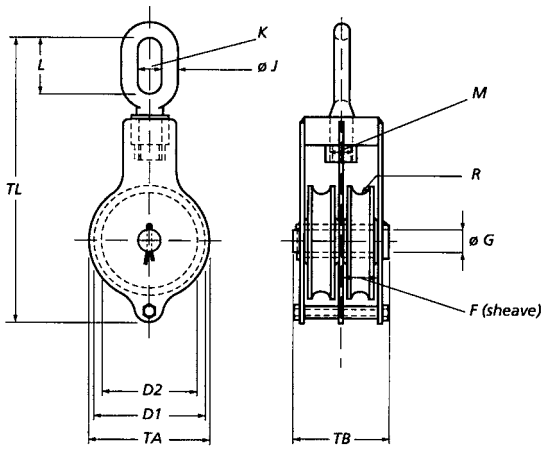
Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Flayt Rope Blocks
2 Sheaves

Can also be delivered with:



Stock No.	WLL (t)	Wire size up to (mm)	No of Shvs	Dimensions (mm)												Weight (kg)
				D1	D2	F	ØG	ØJ	K	L	M	R	TA	TB	TL	
16.150.05.20	5	32	2	150	130	38	20	26	40	94	33	16.5	160	115	425	12
16.150.05.21	5	32	2	150	130	38	20	26	40	94	33	16.5	160	115	425	12

Minimum Ultimate Strength = 4 x WLL.

- Standard zinc electroplated.
- Standard fitted with PTFE bearings.
- For ordering Flayt rope blocks with becket, the last digit of the stock number should be 1 (instead of 0).

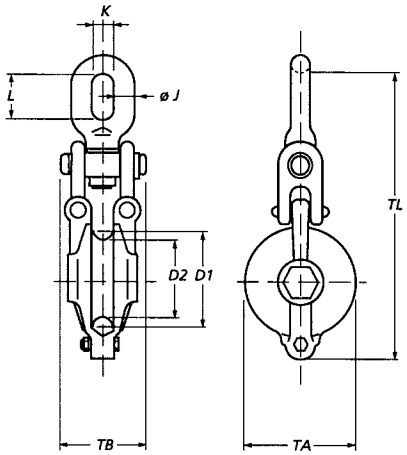
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Lashing Snatch Block



Stock No.	Test Load on eye (t)	Wire size (mm)	Dimensions (mm)								Weight (kg)
			D1	D2	ØJ	K	L	TA	TB	TL	
19.006.05.10	15	20 - 24	145	116	25	42	78	180	132	448	16

Minimum Ultimate Strength = 4 x WLL.

- To be used for lashing only.
- Sheave bearing standard with grease lubricated bush.
- Certificate on request only and at additional costs.

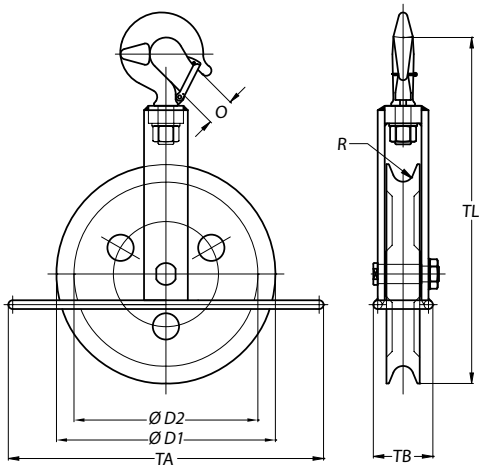
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Gin Block



Stock No.	Tons on (t)	Rope size up to (mm)	Dimensions (mm)						Weight (kg)
			ØD1	ØD2	R	TA	TB	TL	
19.250.01.14	1.5	22	250	210	12	360	68	395	8

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit on head fitting.
- Sheave bearing standard with bronze bushing.
- Sheave made out of technical plastic.

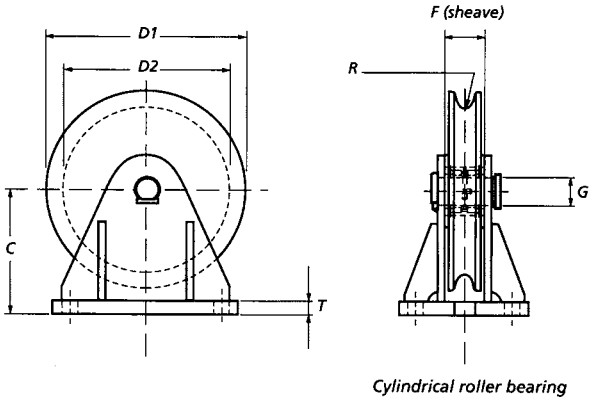
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Vertical Directional Blocks



Cylindrical roller bearing

Bronze bushing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)												Weight (kg)
				D1	D2	A	B	C	F	G	H	T	R	TA	TB	
25.125.01.10	1	10	Bronze	125	105	90	70	83	27	22	9	8	5.5	115	95	3
25.150.02.10	2	12	Bronze	150	120	115	85	95	40	30	11	10	6.5	140	110	5
25.200.03.10	3	14	Bronze	200	165	150	95	122	40	30	13.5	12	7.5	180	125	8
25.250.04.10	4	18	Bronze	250	210	190	120	155	45	35	17.5	15	9.5	230	160	17
25.300.06.10	6	20	Bronze	300	255	220	150	185	50	40	22	20	11	270	200	26
25.350.08.10	8	22	Bronze	350	305	270	160	220	50	45	26	25	12	330	220	41
25.400.10.10	10	24	Bronze	400	345	300	190	255	60	50	32	30	13	370	260	64

Minimum Ultimate Strength = 4 x WLL.

Ball or cylindrical roller bearing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)												Weight (kg)
				D1	D2	A	B	C	F	G	H	T	R	TA	TB	
25.125.01.11	1	10	2 x Ball	125	105	90	70	83	27	22	9	8	5.5	115	95	3
25.150.02.11	2	12	2 x Ball	150	120	115	85	95	40	30	11	10	6.5	140	110	5
25.200.03.11	3	14	2 x Ball	200	165	150	95	122	40	30	13.5	12	7.5	180	125	8
25.250.04.11	4	18	Straight	250	210	190	120	155	45	35	17.5	15	9.5	230	160	17
25.300.06.11	6	20	Straight	300	255	220	150	185	50	40	22	20	11	270	200	26
25.350.08.11	8	22	Straight	350	305	270	160	220	50	45	26	25	12	330	220	41
25.400.10.11	10	24	Straight	400	345	300	190	255	60	50	32	30	13	370	260	64

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit.
- No test certificate possible.
- Groove in sheave may be adjusted to other wire rope diameters.

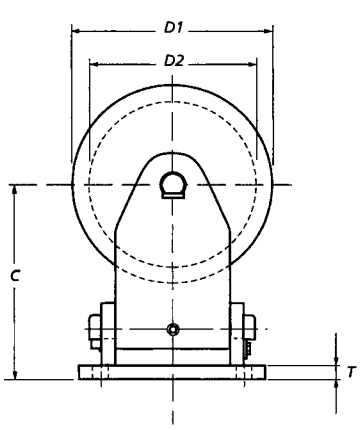
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

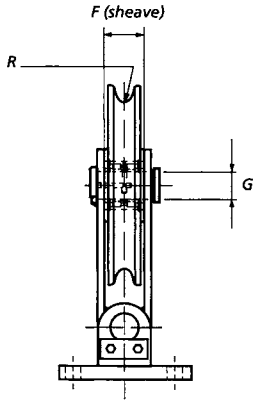
Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Swivel Directional Blocks





Cylindrical roller bearing

Bronze bushing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)												Weight (kg)
				D1	D2	A	B	C	F	G	H	T	R	TA	TB	
25.125.01.50	1	10	Bronze	125	105	90	70	128	27	22	9	8	5.5	115	95	3.5
25.150.02.50	2	12	Bronze	150	120	115	85	160	40	30	11	10	6.5	140	110	6.5
25.200.03.50	3	14	Bronze	200	165	150	95	197	40	30	13.5	12	7.5	180	125	11
25.250.04.50	4	18	Bronze	250	210	190	120	240	45	35	17.5	15	9.5	230	160	21
25.300.06.50	6	20	Bronze	300	255	220	150	295	50	40	22	20	11	270	200	33
25.350.08.50	8	22	Bronze	350	305	270	160	350	50	45	26	25	12	330	220	52
25.400.10.50	10	24	Bronze	400	345	300	190	400	60	50	32	30	13	370	260	80

Minimum Ultimate Strength = 4 x WLL.

Ball or cylindrical roller bearing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)												Weight (kg)
				D1	D2	A	B	C	F	G	H	T	R	TA	TB	
25.125.01.51	1	10	2 x Ball	125	105	90	70	128	27	22	9	8	5.5	115	95	3.5
25.150.02.51	2	12	2 x Ball	150	120	115	85	160	40	30	11	10	6.5	140	110	6.5
25.200.03.51	3	14	2 x Ball	200	165	150	95	197	40	30	13.5	12	7.5	180	125	11
25.250.04.51	4	18	Straight	250	210	190	120	240	45	35	17.5	15	9.5	230	160	21
25.300.06.51	6	20	Straight	300	255	220	150	295	50	40	22	20	11	270	200	33
25.350.08.51	8	22	Straight	350	305	270	160	350	50	45	26	25	12	330	220	52
25.400.10.51	10	24	Straight	400	345	300	190	400	60	50	32	30	13	370	260	80

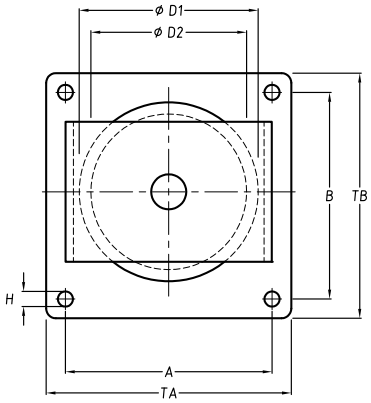
Minimum Ultimate Strength = 4 x WLL.

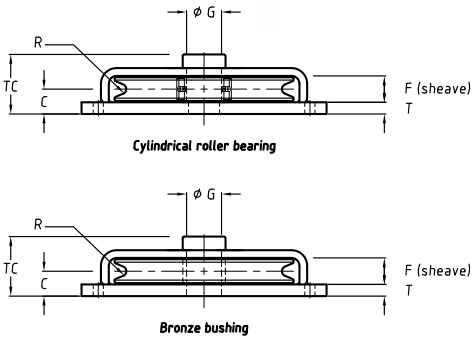
WLL= Working Load Limit.
- No test certificate possible.
- Groove in sheave may be adjusted to other wire rope diameters.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Horizontal Directional Blocks





Bronze bushing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)													Weight (kg)
				ØD1	ØD2	A	B	C	F	ØG	H	T	R	TA	TB	TC	
25.125.01.70	1	10	Bronze	125	105	180	150	22.5	27	22	9	8	5.5	200	170	54	5
25.150.02.70	2	12	Bronze	150	120	220	190	31	40	30	11	10	6.5	250	220	72	10
25.200.03.70	3	14	Bronze	200	165	290	240	33	40	30	13.5	12	7.5	320	270	76	17
25.250.04.70	4	18	Bronze	250	210	360	310	38.5	45	35	17.5	15	9.5	400	350	86	32
25.300.06.70	6	20	Bronze	300	255	400	360	46	50	40	22	20	11	450	410	99	50
25.350.08.70	8	22	Bronze	350	305	460	420	46	50	45	26	20	12	520	480	99	70
25.400.10.70	10	24	Bronze	400	345	530	480	51	60	50	32	20	13	600	550	113	100

Minimum Ultimate Strength = 4 x WLL.

Ball or cylindrical roller bearing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)													Weight (kg)
				ØD1	ØD2	A	B	C	F	ØG	H	T	R	TA	TB	TC	
25.125.01.71	1	10	2 x Ball	125	105	180	150	22.5	27	22	9	8	5.5	200	170	54	5
25.150.02.71	2	12	2 x Ball	150	120	220	190	31	40	30	11	10	6.5	250	220	72	10
25.200.03.71	3	14	2 x Ball	200	165	290	240	33	40	30	13.5	12	7.5	320	270	76	17
25.250.04.71	4	18	Straight	250	210	360	310	38.5	45	35	17.5	15	9.5	400	350	86	32
25.300.06.71	6	20	Straight	300	255	400	360	46	50	40	22	20	11	450	410	99	50
25.350.08.71	8	22	Straight	350	305	460	420	46	50	45	26	20	12	520	480	99	70
25.400.10.71	10	24	Straight	400	345	530	480	51	60	50	32	20	13	600	550	113	100

Minimum Ultimate Strength = 4 x WLL.

WLL= Working Load Limit.
- No test certificate possible.
- Groove in sheave may be adjusted to other wire rope diameters.

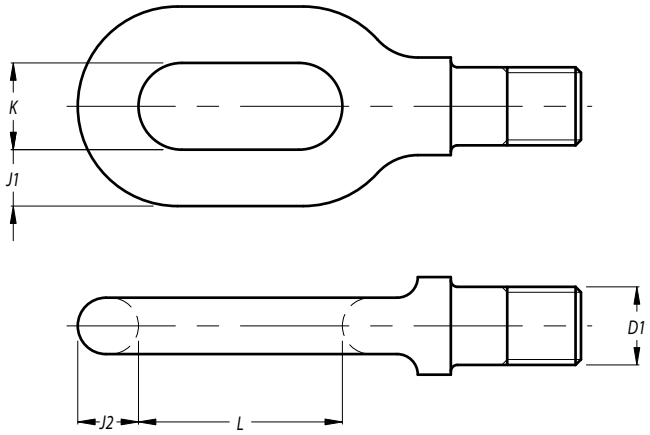
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Oval Eye Head Fittings
DIN 82006



Oval eye head fittings DIN 82006

Nominal size	WLL (t)	Dimensions (mm)				Thread D1
		L	K	J1	J2	
1	1	48	21	12	14	M 18
1.6	1.6	58	26	16	18	M 22
2	2	58	26	16	18	M 24
2.5	2.5	72	32	21	23	M 27
3	3.2	72	32	21	23	M 30
4	4	94	40	26	28	M 33
5	5	94	40	26	28	M 36
6	6.3	108	45	29	32	M 42
8	8	115	49	32	35	M 45
10	10	125	54	36	39	M 52
12	12.5	144	60	41	44	M 56
16	16	163	66	46	49	M 64
20	20	173	72	51	54	M 72 x 6
25	25	192	80	56	59	M 76 x 6
32	32	216	90	60	64	M 80 x 6
40	40	240	100	66	70	M 90 x 6
50	50	264	110	74	78	M 100 x 6
63	63	290	120	84	89	M 110 x 6
80	80	325	135	94	99	M 120 x 6
100	100	360	150	105	111	M 130 x 6
125	125	400	165	117	123	M 140 x 6
160	160	440	185	133	140	M 160 x 6
200	200	500	210	149	157	M 180 x 6
250	250	560	235	167	175	M 200 x 6

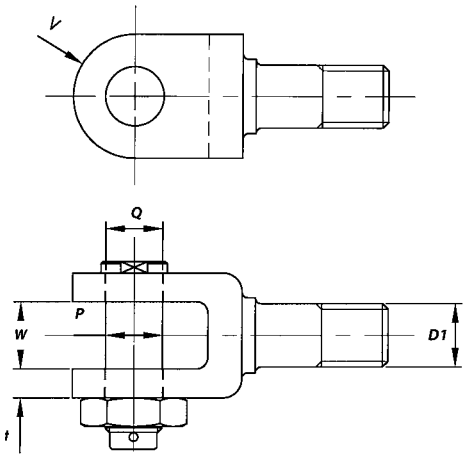
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Jaw Head Fittings
DIN 82008



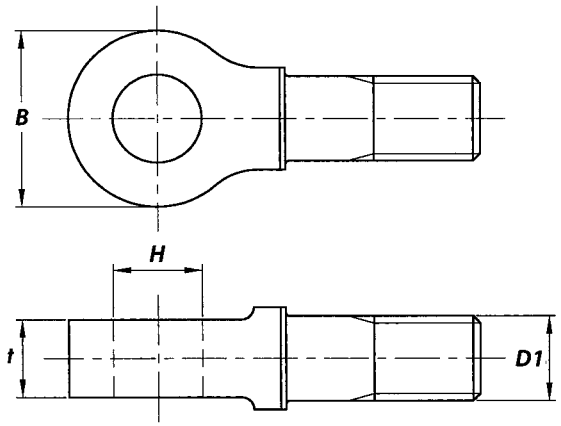
Jaw (double lug) head fittings DIN 82008 / ISO 6043

Nominal size	WLL (t)	Dimensions (mm)					Tread D1
		W	t	Q	V	P	
1	1	19	8	17	17.5	16	M 18
2	2	26	12	23	25	22	M 24
2.5	2.5	29	13	25	27.5	24	M 27
3	3.2	32	14	28	30	27	M 30
4	4	35	15	31	32.5	30	M 33
5	5	39	18	37	37.5	36	M 36
6	6.3	45	20	40	42.5	39	M 42
8	8	49	23	46	47.5	45	M 45
10	10	58	26	50	55	48	M 52
12	12.5	64	28	54	60	52	M 56
16	16	70	30	62	65	60	M 64
20	20	74	33	70	70	68	M 72 x 6
25	25	80	35	74	75	72	M 76 x 6
32	32	90	40	82	85	80	M 80 x 6
40	40	100	45	90	95	93	M 90 x 6
50	50	110	50	100	105	104	M 100 x 6
63	63	120	65	110	115	114	M 110 x 6

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Round Eye Head Fittings
DIN 82010



Round eye head fittings DIN 82010 / ISO 6043

Nominal size	WLL (t)	Dimensions (mm)				Thread D1
		t	H	B	Bolt	
1	1	16	18	35	16	M 18
2	2	22	25	50	22	M 24
2.5	2.5	25	27	55	24	M 27
3	3.2	28	30	60	27	M 30
4	4	30	33	65	30	M 33
5	5	35	39	75	36	M 36
6	6.3	40	42	85	39	M 42
8	8	45	48	95	45	M 45
10	10	50	52	110	48	M 52
12	12.5	55	56	120	52	M 56
16	16	60	65	130	60	M 64
20	20	65	74	140	68	M 72 x 6
25	25	70	78	150	72	M 76 x 6
32	32	80	86	170	80	M 80 x 6
40	40	90	96	190	90	M 90 x 6
50	50	100	106	210	100	M 100 x 6
63	63	110	116	230	110	M 110 x 6
80	80	125	131	270	125	M 120 x 6
100	100	140	146	296	140	M 130 x 6
125	125	160	168	336	160	M 140 x 6
160	160	180	188	380	180	M 160 x 6
200	200	200	208	420	200	M 180 x 6
250	250	220	230	460	220	M 200 x 6

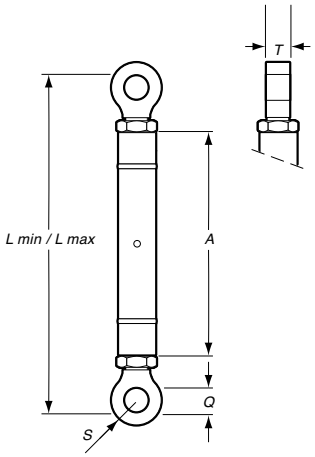
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Turnbuckles TR Series
stud eye-stud eye



Turnbuckles with trapezoid thread

Stock No.	WLL (t)	L min (mm)	L max (mm)	Take-up (mm)	Thread (trap.)	Dimensions (mm)				Weight (kg)
						A	ØQ	S	T	
41.001.60.33	1.6	349	537	188	22 x 5	240	23	22.5	20	2
41.002.00.33	2	377	577	200	24 x 5	260	25	25	22	3
41.002.50.33	2.5	411	617	206	28 x 5	280	27	27.5	25	5
41.003.10.33	3.1	438	666	228	30 x 6	300	30	30	28	6
41.004.00.33	4	472	713	241	32 x 6	320	33	32.5	30	8
41.005.00.33	5	511	751	240	36 x 6	340	39	37.5	35	11
41.006.30.33	6.3	577	840	263	44 x 7	380	42	42.5	40	15
41.008.00.33	8	635	932	297	48 x 8	420	48	47.5	45	23
41.010.00.33	10	703	1012	309	52 x 8	460	52	55	50	30
41.012.60.33	12.6	762	1102	340	55 x 9	500	56	60	55	40
41.016.00.33	16	839	1193	354	65 x 10	540	65	65	60	55
41.020.00.33	20	904	1286	382	70 x 10	580	74	70	65	69
41.025.00.33	25	968	1372	404	75 x 10	620	78	75	70	78
41.031.50.33	31.5	1040	1470	430	80 x 10	660	86	85	80	113
41.040.00.33	40	1186	1681	495	90 x 10	695	96	95	90	136
41.050.00.33	50	1286	1836	550	100 x 10	770	106	105	100	160
41.063.00.33	63	1406	2011	605	110 x 10	845	116	115	110	220
41.080.00.33	80	1541	2201	660	120 x 10	920	131	135	125	280
41.100.00.33	100	1662	2377	715	130 x 10	995	146	148	140	370
41.125.00.33	125	1804	2574	770	140 x 10	1070	168	168	160	500
41.160.00.33	160	2028	2908	880	160 x 10	1220	188	190	180	725

Minimum Ultimate Strength = 5 x WLL.

- Standard painted blue, but can be supplied in any color or galvanized.
- Available in all combinations of eyes, stud eyes and welding ends. • Factory supplied with lock nuts.
- Lock plates or special locking devices possible. • Can be supplied with turning wheel or ratchet. • Other sizes possible.
- Straight or in-line pull only.

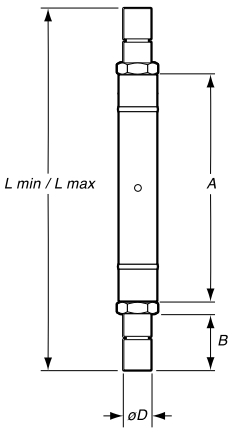
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Turnbuckles TR Series
stub end-stub end



Turnbuckles with trapezoid thread

Stock No.	WLL (t)	L min (mm)	L max (mm)	Take-up (mm)	Thread (trap.)	Dimensions (mm)			Weight (kg)
						A	B	ØD	
41.006.30.55	6.3	519	792	273	44 x 7	380	50	45	16
41.008.00.55	8	569	870	301	48 x 8	420	55	50	24
41.010.00.55	10	625	928	303	52 x 8	460	60	55	32
41.012.60.55	12.6	678	1026	348	55 x 9	500	65	60	42
41.016.00.55	16	750	1112	362	65 x 10	540	75	70	58
41.020.00.55	20	800	1200	400	70 x 10	500	80	75	73
41.025.00.55	25	858	1278	420	75 x 10	540	85	80	82
41.031.50.55	31.5	920	1354	430	80 x 10	660	90	90	118

Minimum Ultimate Strength = 5 x WLL.

- Testing and certification not possible. • Standard painted blue, but can be supplied in any color or galvanized.
- Available in all combinations of jaws, oval eyes and stud eyes. • Factory supplied with lock nuts.
- Lock plates or special locking devices possible. • Can be supplied with turning wheel or ratchet. • Other sizes possible.
- Straight or in-line pull only.

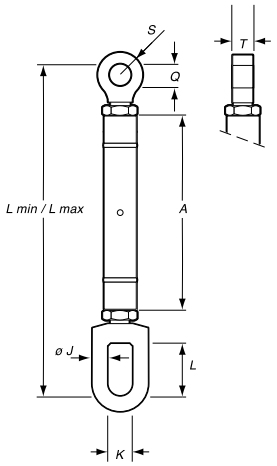
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Turnbuckles TR Series
oval eye-stud eye



Turnbuckles with trapezoid thread

Stock No.	WLL (t)	L min (mm)	L max (mm)	Take-up (mm)	Thread (trap.)	Dimensions (mm)							Weight (kg)
						A	ØJ	K	L	ØQ	S	T	
41.001.60.23	1.6	400	588	188	22 x 5	240	16	26	58	23	22.5	20	2
41.002.00.23	2	424	624	200	24 x 5	260	16	26	58	25	25	22	3
41.002.50.23	2.5	475	681	206	28 x 5	280	20	32	72	27	27.5	25	5
41.003.10.23	3.1	498	726	228	30 x 6	300	20	32	72	30	30	28	7
41.004.00.23	4	554	795	241	32 x 6	320	25	40	94	33	32.5	30	9
41.005.00.23	5	585	825	240	36 x 6	340	25	40	94	39	37.5	35	12
41.006.30.23	6.3	665	928	263	44 x 7	380	30	45	108	42	42.5	40	17
41.008.00.23	8	724	1021	297	48 x 8	420	32	50	115	48	47.5	45	25
41.010.00.23	10	797	1106	309	52 x 8	460	36	60	125	52	55	50	33
41.012.60.23	12.6	875	1215	340	55 x 9	500	40	65	144	56	60	55	42
41.016.00.23	16	966	1320	354	65 x 10	540	45	70	163	65	65	60	58
41.020.00.23	20	1044	1426	382	70 x 10	580	55	75	173	74	70	65	71
41.025.00.23	25	1119	1523	404	75 x 10	620	60	80	192	78	75	70	82
41.031.50.23	31.5	1211	1641	430	80 x 10	660	60	90	216	86	85	80	119

Minimum Ultimate Strength = 5 x WLL.

- Standard painted blue, but can be supplied in any color or galvanized.
- Factory supplied with lock nuts. • Lock plates or special locking devices possible.
- Can be supplied with turning wheel or ratchet. • Other sizes possible.
- Straight or in-line pull only.

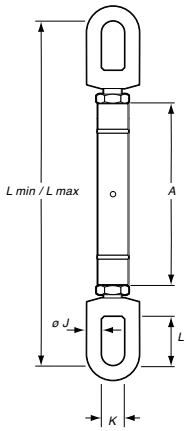
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Turnbuckles TR Series
oval eye-oval eye



Turnbuckles with trapezoid thread

Stock No.	WLL (t)	L min (mm)	L max (mm)	Take-up (mm)	Thread (trap.)	Dimensions (mm)				Weight (kg)
						A	ØJ	K	L	
41.001.60.22	1.6	450	638	188	22 x 5	240	16	26	58	2
41.002.00.22	2	470	670	200	24 x 5	260	16	26	58	3
41.002.50.22	2.5	538	754	216	28 x 5	280	20	32	72	5
41.003.10.22	3.1	558	786	228	30 x 6	300	20	32	72	7
41.004.00.22	4	635	876	241	32 x 6	320	25	40	94	9
41.005.00.22	5	658	898	240	36 x 6	340	25	40	94	13
41.006.30.22	6.3	753	1016	263	44 x 7	380	30	45	108	19
41.008.00.22	8	813	1110	297	48 x 8	420	32	50	115	27
41.010.00.22	10	891	1200	309	52 x 8	460	36	60	125	35
41.012.60.22	12.6	988	1328	340	55 x 9	500	40	65	144	46
41.016.00.22	16	1092	1446	354	65 x 10	540	45	70	163	64
41.020.00.22	20	1184	1566	382	70 x 10	580	55	75	173	78
41.025.00.22	25	1270	1674	404	75 x 10	620	60	80	192	90
41.031.50.22	31.5	1382	1812	430	80 x 10	660	60	90	216	130

Minimum Ultimate Strength = 5 x WLL.

- Standard painted blue, but can be supplied in any color or galvanized.
- Available in all combinations of eyes, stud eyes and welding ends. • Factory supplied with lock nuts.
- Lock plates or special locking devices possible. • Can be supplied with turning wheel or ratchet. • Other sizes possible.
- Straight or in-line pull only.

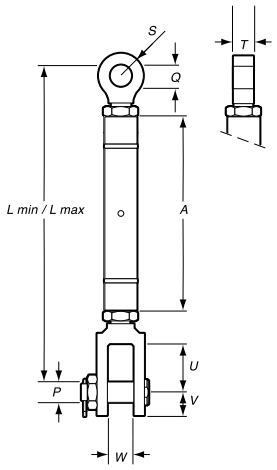
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Turnbuckles TR Series
jaw-stud eye



Turnbuckles with trapezoid thread

Stock No.	WLL (t)	L min (mm)	L max (mm)	Take-up (mm)	Thread (trap.)	Dimensions (mm)								Weight (kg)
						A	P	ØQ	S	T	U	V	W	
41.001.60.13	1.6	367	555	188	22 x 5	240	20	23	22.5	20	55	22	23	2
41.002.00.13	2	395	595	200	24 x 5	260	22	25	25	22	58	25	26	3
41.002.50.13	2.5	459	665	206	28 x 5	280	24	27	27.5	25	73	27	30	5
41.003.10.13	3.1	488	716	228	30 x 6	300	27	30	30	28	80	30	32	7
41.004.00.13	4	521	762	241	32 x 6	320	30	33	32.5	30	86	32	35	9
41.005.00.13	5	561	801	240	36 x 6	340	36	39	37.5	35	93	37	40	13
41.006.30.13	6.3	636	899	263	44 x 7	380	39	42	42.5	40	108	42	45	18
41.008.00.13	8	689	986	297	48 x 8	420	45	48	47.5	45	112	47	50	27
41.010.00.13	10	748	1057	309	52 x 8	460	48	52	55	50	115	55	60	35
41.012.60.13	12.6	812	1152	340	55 x 9	500	52	56	60	55	122	60	65	44
41.016.00.13	16	883	1237	354	65 x 10	540	60	65	65	60	130	65	70	61
41.020.00.13	20	957	1339	382	70 x 10	580	68	74	70	65	145	70	75	74
41.025.00.13	25	1026	1430	404	75 x 10	620	72	78	75	70	160	75	80	86
41.031.50.13	31.5	1105	1535	430	80 x 10	660	80	86	85	80	175	85	90	125
41.040.00.13	40	1230	1725	495	90 x 10	695	90	96	95	90	190	92	100	156
41.050.00.13	50	1335	1885	550	100 x 10	770	100	106	105	100	205	102	110	200
41.063.00.13	63	1463	2068	605	110 x 10	845	110	116	115	110	220	112	120	290
41.080.00.13	80	1594	2254	660	120 x 10	920	125	131	135	125	235	127	140	350
41.100.00.13	100	1702	2417	715	130 x 10	995	140	146	148	140	250	142	156	440
41.125.00.13	125	1838	2608	770	140 x 10	1070	160	168	168	160	270	162	176	660
41.160.00.13	160	2056	2936	880	160 x 10	1220	180	188	190	180	290	182	200	925

Minimum Ultimate Strength = 5 x WLL.

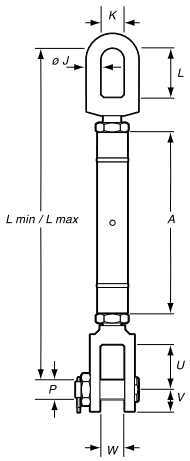
- Standard painted blue, but can be supplied in any color or galvanized.
- Factory supplied with lock nuts. • Lock plates or special locking devices possible.
- Can be supplied with turning wheel or ratchet. • Other sizes possible.
- Straight or in-line pull only.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Turnbuckles TR Series
jaw-oval eye



Turnbuckles with trapezoid thread

Stock No.	WLL (t)	L min (mm)	L max (mm)	Take-up (mm)	Thread (trap.)	Dimensions (mm)								Weight (kg)
						A	J	K	L	P	U	V	W	
41.001.60.12	1.6	417	605	188	22 x 5	240	16	26	58	20	55	22.5	23	3
41.002.00.12	2	441	641	200	24 x 5	260	16	26	58	22	58	25	26	4
41.002.50.12	2.5	522	728	206	28 x 5	280	20	32	72	24	73	27.5	30	6
41.003.10.12	3.1	548	776	228	30 x 6	300	20	32	72	27	80	30	32	7
41.004.00.12	4	602	843	241	32 x 6	320	25	40	94	30	86	32.5	35	10
41.005.00.12	5	634	874	240	36 x 6	340	25	40	94	36	93	37.5	40	14
41.006.30.12	6.3	724	987	263	44 x 7	380	30	45	108	39	108	42.5	45	20
41.008.00.12	8	778	1075	297	48 x 8	420	32	50	115	45	112	47.5	50	29
41.010.00.12	10	842	1151	309	52 x 8	460	36	60	125	48	115	55	60	37
41.012.60.12	12.6	925	1265	340	55 x 9	500	40	65	144	52	122	60	65	48
41.016.00.12	16	1009	1363	354	65 x 10	540	45	70	163	60	130	65	70	66
41.020.00.12	20	1097	1479	382	70 x 10	580	55	75	173	68	145	70	75	81
41.025.00.12	25	1177	1581	404	75 x 10	620	60	80	192	72	160	75	80	94
41.031.50.12	31.5	1276	1716	440	80 x 10	660	60	90	216	80	175	85	90	135

Minimum Ultimate Strength = 5 x WLL.

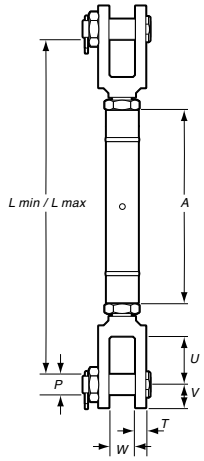
- Standard painted blue, but can be supplied in any color or galvanized.
- Factory supplied with lock nuts. • Lock plates or special locking devices possible.
- Can be supplied with turning wheel or ratchet. • Other sizes possible.
- Straight or in-line pull only.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Turnbuckles TR Series
jaw-jaw



Turnbuckles with trapezoid thread

Stock No.	WLL (t)	L min (mm)	L max (mm)	Take-up (mm)	Thread (trap.)	Dimensions (mm)						Weight (kg)
						A	P	U	V	W	T	
41.001.60.11	1.6	384	572	188	22 x 5	240	20	55	22.5	23	11	3
41.002.00.11	2	412	612	200	24 x 5	260	22	58	25	26	12	4
41.002.50.11	2.5	511	712	206	28 x 5	280	24	73	27.5	30	12	6
41.003.10.11	3.1	537	765	228	30 x 6	300	27	80	30	32	15	8
41.004.00.11	4	569	810	241	32 x 6	320	30	86	32.5	35	15	10
41.005.00.11	5	610	850	240	36 x 6	340	36	93	37.5	40	20	15
41.006.30.11	6.3	691	954	263	44 x 7	380	39	108	42.5	45	20	21
41.008.00.11	8	742	1038	296	48 x 8	420	45	112	47.5	50	25	31
41.010.00.11	10	793	1102	309	52 x 8	460	48	115	55	60	25	40
41.012.60.11	12.6	862	1202	340	55 x 9	500	52	122	60	65	30	52
41.016.00.11	16	926	1280	354	65 x 10	540	60	130	65	70	30	69
41.020.00.11	20	1010	1392	382	70 x 10	580	68	145	70	75	35	85
41.025.00.11	25	1084	1488	404	75 x 10	620	72	160	75	80	35	98
41.031.50.11	31.5	1170	1600	430	80 x 10	660	80	175	85	90	40	141
41.040.00.11	40	1280	1775	495	90 x 10	695	90	190	92	100	45	176
41.050.00.11	50	1390	1940	550	100 x 10	770	100	205	102	110	50	240
41.063.00.11	63	1525	2130	605	110 x 10	845	110	220	112	120	60	340
41.080.00.11	80	1655	2315	660	120 x 10	920	125	235	127	140	70	420
41.100.00.11	100	1750	2465	715	130 x 10	995	140	250	142	156	70	510
41.125.00.11	125	1880	2650	770	140 x 10	1070	160	270	162	176	80	820
41.160.00.11	160	2090	2970	880	160 x 10	1220	180	290	182	200	90	1120

Minimum Ultimate Strength = 5 x WLL.

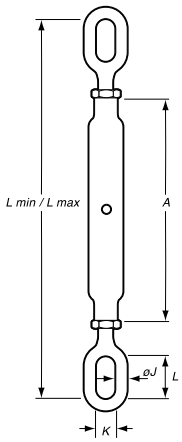
- Standard painted blue, but can be supplied in any color or galvanized.
- Available in all combinations of eyes, stud eyes and welding ends. • Factory supplied with lock nuts.
- Lock plates or special locking devices possible. • Can be supplied with turning wheel or ratchet. • Other sizes possible.
- Straight or in-line pull only.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Closed Body Turnbuckles
M Series
oval eye-oval eye



Turnbuckles with metric thread

Stock No.	WLL (t)	MBL (t)	Thread	L min (mm)	L max (mm)	Take up (mm)	Dimensions (mm)				Weight (kg)
							A	J	K	L	
42.000.30.22A	0.3	1.5	M8	203	305	102	127	8	9	20	0.3
42.000.50.22A	0.5	2.5	M10	235	349	114	152	8	11	25	0.4
42.000.70.22A	0.7	3.5	M12	330	530	200	229	11	14	36	0.9
42.001.20.22A	1.2	6	M16	377	560	183	229	14	18	40	1.2
42.001.50.22A	1.5	7.5	M20	410	565	155	229	17	25	55	2.0
42.002.20.22A	2.2	11	M22	486	730	244	305	17	25	55	3.1
42.003.20.22A	3.2	16	M24	556	856	300	356	20	26	57	3.9
42.003.80.22A	3.8	19	M27	576	856	280	356	20	26	57	4.8
42.005.00.22A	5	25	M33	640	920	280	381	25	34	64	6.8
42.006.30.22A	6.3	31.5	M36	650	920	270	381	27	38	75	9
42.007.00.22A	7	35	M39	687	970	283	407	27	38	75	10.0
42.008.50.22A	8.5	42.5	M45	720	1020	300	407	30	40	85	14.0
42.010.00.22A	10	50	M48	770	1050	280	407	37	44	92	18.0

Minimum Ultimate Strength = 5 x WLL.

- Standard hot dip galvanized.
- Factory supplied with locking nuts.
- Testing on request (at additional costs).
- Bolt secured with nut and split pin.
- Straight or in-line pull only.

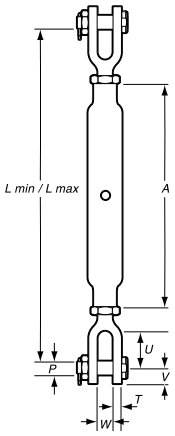
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Closed Body Turnbuckles
M Series
jaw-jaw



Turnbuckles with metric thread

Stock No.	WLL (t)	MBL (t)	Thread	L min (mm)	L max (mm)	Take up (mm)	Dimensions (mm)					Weight (kg)
							A	P	U	V	W	
42.000.30.11A	0.3	1.5	M8	203	305	102	127	6	21	9	9	0.2
42.000.50.11A	0.5	2.5	M10	245	355	110	160	8	21	9	11	0.3
42.000.70.11A	0.7	3.5	M12	345	525	180	230	10	35	13	19	0.8
42.001.20.11A	1.2	6	M16	395	565	170	230	12	50	16	21	1.4
42.001.50.11A	1.5	7.5	M20	395	555	160	230	16	46	18	21	2.2
42.002.20.11A	2.2	11	M22	476	702	226	305	20	60	20	25	3.5
42.003.20.11A	3.2	16	M24	580	860	280	360	22	63	24	30	4.1
42.003.80.11A	3.8	19	M27	600	870	270	356	22	63	24	31	4.5
42.005.00.11A	5	25	M33	650	930	280	385	24	74	30	38	6.4
42.006.30.11A	6.3	31.5	M36	680	910	230	385	30	85	30	48	11
42.007.00.11A	7	35	M39	670	949	279	407	34	90	32	47	11
42.008.50.11A	8.5	42.5	M45	780	1020	240	410	35	120	43	50	19
42.010.00.11A	10	55	M48	743	977	234	407	43	121	46	51	22
42.012.60.11	12.6	63	M56	862	1202	340	500	52	122	60	65	39
42.016.00.11	16	80	M64	925	1280	355	540	60	130	65	70	48

Minimum Ultimate Strength = 5 x WLL.

- Standard hot dip galvanized.
- Factory supplied with locking nuts.
- Testing on request (at additional costs).
- Bolt secured with nut and split pin.
- Straight or in-line pull only.

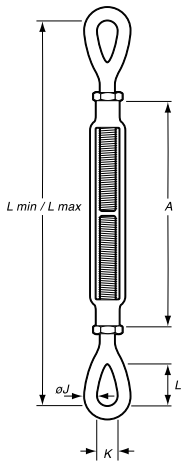
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Open Body Turnbuckles
oval eye-oval eye



Generally to ASTM F 1145-92

Stock No.	Thread dia. x Take-up (inches)	Thread dia. x Take-up (mm)	WLL (t)	Dimensions (mm) Lmin	Lmax	A	ØJ	K	L	Weight (kg)
40.025.04.22	1/4 x 4	6.35 x 102	0.23	198	300	121	6	9	20	0.12
40.031.04.22	5/16 x 4-1/2	7.94 x 114	0.36	230	344	138	8	11	24	0.20
40.033.06.22	3/8 x 6	9.53 x 152	0.54	291	444	181	9	13	28	0.34
40.050.06.22	1/2 x 6	12.7 x 152	1.00	332	510	191	11	18	37	0.70
40.050.12.22	1/2 x 12	12.7 x 305	1.00	485	815	343	11	18	37	0.97
40.062.06.22	5/8 x 6	15.9 x 152	1.59	373	557	200	13	22	44	1.49
40.062.12.22	5/8 x 12	15.9 x 305	1.59	525	862	353	13	22	44	1.55
40.075.06.22	3/4 x 6	19.1 x 152	2.36	416	607	210	16	25	53	1.72
40.075.12.22	3/4 x 12	19.1 x 305	2.36	568	911	362	16	25	53	2.49
40.075.18.22	3/4 x 18	19.1 x 457	2.36	721	1216	514	16	25	53	3.26
40.087.12.22	7/8 x 12	22.2 x 305	3.27	592	942	370	19	32	60	3.27
40.087.18.22	7/8 x 18	22.2 x 457	3.27	745	1246	523	19	32	60	4.51
40.100.06.22	1 x 6	25.4 x 152	4.54	507	710	228	23	36	76	4.10
40.100.12.22	1 x 12	25.4 x 305	4.54	660	1015	380	23	36	76	5.22
40.100.18.22	1 x 18	25.4 x 457	4.54	812	1320	532	23	36	76	6.35
40.100.24.22	1 x 24	25.4 x 610	4.54	964	1625	685	23	36	76	7.82
40.125.12.22	1-1/4 x 12	31.8 x 305	6.89	719	1087	384	29	46	90	8.62
40.125.18.22	1-1/4 x 18	31.8 x 457	6.89	871	1392	537	29	46	90	10.40
40.125.24.22	1-1/4 x 24	31.8 x 610	6.89	1024	1697	689	29	46	90	12.20
40.150.12.22	1-1/2 x 12	38.1 x 305	9.71	775	1156	400	32	54	103	12.50
40.150.18.22	1-1/2 x 18	38.1 x 457	9.71	927	1461	553	32	54	103	14.10
40.150.24.22	1-1/2 x 24	38.1 x 610	9.71	1080	1765	705	32	54	103	17.00
40.175.18.22	1-3/4 x 18	44.5 x 457	12.70	1000	1457	568	38	60	117	23.80
40.175.24.22	1-3/4 x 24	44.5 x 610	12.70	1153	1762	721	38	60	117	26.30
40.200.24.22	2 x 24	51.0 x 610	16.80	1313	1923	738	45	68	146	38.70
40.250.24.22	2-1/2 x 24	63.5 x 610	27.20	1387	1997	789	51	79	165	65.00
40.275.24.22	2-3/4 x 24	70.0 x 610	34.00	1448	2057	788	57	82	177	88.00

Minimum Ultimate Strength = 5 x WLL.

• Standard hot dip galvanized. • Factory supplied with lock nuts. • Testing on request.• Proof load 2.5 x WLL.
• Straight or in-line pull only. • Drop forged high tensile steel.• MBL equals or over 5x WLL

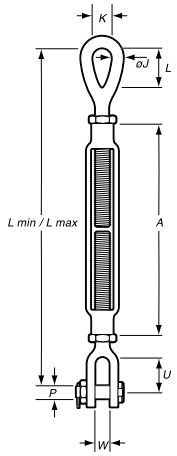
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Open Body Turnbuckles jaw-oval eye



Generally to ASTM F 1145-92

Stock No.	Thread dia. x Take-up (inches)	Thread dia. x Take-up (mm)	WLL (t)	Dimensions (mm) Lmin	Lmax	A	ØJ	K	L	P	U	W	Weight (kg)
40.025.04.12	1/4 x 4	6.35 x 102	0.23	187	288	121	6	9	20	6	15	11	0.14
40.031.04.12	5/16 x 4-1/2	7.94 x 114	0.36	221	348	138	8	11	24	6	22	13	0.23
40.033.06.12	3/8 x 6	9.53 x 152	0.54	275	427	181	9	13	28	8	22	14	0.36
40.050.06.12	1/2 x 6	12.7 x 152	1.00	312	490	190	11	18	37	10	27	16	0.68
40.050.09.12	1/2 x 9	12.7 x 229	1.00	388	642	266	11	18	37	10	27	16	0.78
40.050.12.12	1/2 x 12	12.7 x 305	1.00	465	795	343	11	18	37	10	27	16	0.94
40.062.06.12	5/8 x 6	15.9 x 152	1.59	349	533	200	13	22	44	13	33	20	1.07
40.062.09.12	5/8 x 9	15.9 x 229	1.59	425	686	276	13	22	44	13	33	20	1.44
40.062.12.12	5/8 x 12	15.9 x 305	1.59	501	838	353	13	22	44	13	33	20	1.64
40.075.06.12	3/4 x 6	19.1 x 152	2.36	390	575	210	16	25	53	16	38	24	1.81
40.075.09.12	3/4 x 9	19.1 x 229	2.36	470	730	286	16	25	53	16	38	24	2.15
40.075.12.12	3/4 x 12	19.1 x 305	2.36	540	880	362	16	25	53	16	38	24	2.69
40.075.18.12	3/4 x 18	19.1 x 457	2.36	691	1186	514	16	25	53	16	38	24	3.18
40.087.12.12	7/8 x 12	22.2 x 305	3.27	567	917	307	19	32	60	19	44	29	3.79
40.087.18.12	7/8 x 18	22.2 x 457	3.27	720	1220	523	19	32	60	19	44	29	4.42
40.100.06.12	1 x 6	25.4 x 152	4.54	470	670	228	23	36	76	22	52	34	4.05
40.100.12.12	1 x 12	25.4 x 305	4.54	620	970	380	23	36	76	22	52	34	5.08
40.100.18.12	1 x 18	25.4 x 457	4.54	680	1260	532	23	36	76	22	52	34	6.03
40.100.24.12	1 x 24	25.4 x 610	4.54	930	1580	685	23	36	76	22	52	34	7.71
40.125.12.12	1-1/4 x 12	31.8 x 305	6.89	690	1050	384	29	46	90	28	71	44	8.81
40.125.18.12	1-1/4 x 18	31.8 x 457	6.89	850	1350	537	29	46	90	28	71	44	11.00
40.125.24.12	1-1/4 x 24	31.8 x 610	6.89	990	1650	689	29	46	90	28	71	44	12.90
40.150.12.12	1-1/2 x 12	38.1 x 305	9.71	725	1105	400	32	54	103	35	71	52	13.10
40.150.18.12	1-1/2 x 18	38.1 x 457	9.71	880	1410	553	32	54	103	35	71	52	15.90
40.150.24.12	1-1/2 x 24	38.1 x 610	9.71	1030	1715	705	32	54	103	35	71	52	17.80
40.175.18.12	1-3/4 x 18	44.5 x 457	12.70	950	1410	568	38	60	117	41	86	66	24.40
40.175.24.12	1-3/4 x 24	44.5 x 610	12.70	1100	1711	721	38	60	117	41	86	66	27.50
40.200.24.12	2 x 24	51.0 x 610	16.80	1235	1845	738	45	68	146	51	94	66	40.40
40.250.24.12	2-1/2 x 24	63.5 x 610	27.20	1315	1925	789	51	79	165	57	113	76	68.00
40.275.24.12	2-3/4 x 24	70.0 x 610	34.00	1370	1980	789	57	82	177	70	106	92	83.00

• Standard hot dip galvanized. • Factory supplied with lock nuts. • Testing on request.
• Proof load 2.5 x WLL. • Straight or in-line pull only. • Drop forged high tensile steel. • MBL equals or over 5x WLL

Minimum Ultimate Strength = 5 x WLL.

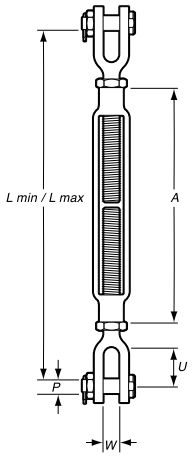
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Open Body Turnbuckles
jaw-jaw



Generally to ASTM F 1145-92

Stock No.	Thread dia. x Take-up (inches)	Thread dia. x Take-up (mm)	WLL (t)	Dimensions (mm) Lmin	Lmax	A	P	U	W	Weight (kg)
40.025.04.11	1/4 x 4	6.35 x 102	0.23	175	277	121	6	15	11	0.16
40.031.04.11	5/16 x 4-1/2	7.94 x 114	0.36	212	314	138	6	22	13	0.24
40.033.06.11	3/8 x 6	9.53 x 152	0.54	258	410	181	8	22	14	0.37
40.050.06.11	1/2 x 6	12.7 x 152	1.00	292	470	190	10	27	16	0.71
40.050.09.11	1/2 x 9	12.7 x 229	1.00	368	622	266	10	27	16	0.79
40.050.12.11	1/2 x 12	12.7 x 305	1.00	445	775	343	10	27	15	1.09
40.062.06.11	5/8 x 6	15.9 x 152	1.59	325	509	200	13	33	20	1.23
40.062.09.11	5/8 x 9	15.9 x 229	1.59	401	662	276	13	33	20	1.56
40.062.12.11	5/8 x 12	15.9 x 305	1.59	478	814	353	13	33	20	1.77
40.075.06.11	3/4 x 6	19.1 x 152	2.36	356	546	210	16	38	24	1.86
40.075.09.11	3/4 x 9	19.1 x 229	2.36	432	699	286	16	38	24	2.48
40.075.12.11	3/4 x 12	19.1 x 305	2.36	508	851	362	16	38	24	2.98
40.075.18.11	3/4 x 18	19.1 x 457	2.36	660	1156	514	16	38	24	3.64
40.087.12.11	7/8 x 12	22.2 x 305	3.27	543	892	370	19	44	29	3.71
40.087.18.11	7/8 x 18	22.2 x 457	3.27	695	1197	523	19	44	29	4.89
40.100.06.11	1 x 6	25.4 x 152	4.54	425	628	228	22	52	34	4.62
40.100.12.11	1 x 12	25.4 x 305	4.54	577	933	380	22	52	34	5.53
40.100.18.11	1 x 18	25.4 x 457	4.54	729	1237	532	22	52	34	6.87
40.100.24.11	1 x 24	25.4 x 610	4.54	882	1542	685	22	52	34	8.20
40.125.12.11	1-1/4 x 12	31.8 x 305	6.89	644	1012	384	28	71	44	9.34
40.125.18.11	1-1/4 x 18	31.8 x 457	6.89	796	1317	537	28	71	44	11.20
40.125.24.11	1-1/4 x 24	31.8 x 610	6.89	948	1622	689	28	71	44	12.80
40.150.12.11	1-1/2 x 12	38.1 x 305	9.71	673	1073	400	35	71	52	13.90
40.150.18.11	1-1/2 x 18	38.1 x 457	9.71	826	1359	553	35	71	52	16.70
40.150.24.11	1-1/2 x 24	38.1 x 610	9.71	978	1664	705	35	71	52	18.90
40.175.18.11	1-3/4 x 18	44.5 x 457	12.70	899	1356	568	41	86	66	24.50
40.175.24.11	1-3/4 x 24	44.5 x 610	12.70	1051	1661	721	41	86	66	28.70
40.200.24.11	2 x 24	51.0 x 610	16.80	1157	1766	738	51	94	66	42.80
40.250.24.11	2-1/2 x 24	63.5 x 610	27.20	1244	1854	789	57	113	76	75.00
40.275.24.11	2-3/4 x 24	70.0 x 610	34.00	1289	1899	788	70	106	92	90.00

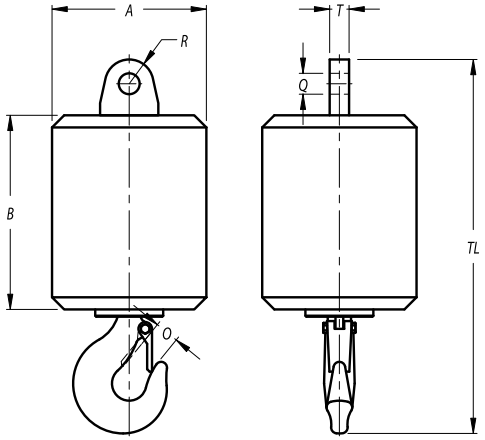
• Standard hot dip galvanized. • Factory supplied with lock nuts. • Testing on request.
Minimum Ultimate Strength = 5 x WLL.
• Proof load 2.5 x WLL. • Straight or in-line pull only. • Drop forged high tensile steel. • MBL equals or over 5x WLL

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Overhaul Ball



Overhaul Ball DIN Hook

Stock No.	Model No.	Type	Hook DIN	WLL (t)	Dimensions (mm)							Weight (kg)
					A	B	O	Q	R	T	TL	
56.0020.003.34	OHB 3,2.20.C	Eye-Hook	2.5 P	3.2	145	145	41	27	30	22	441	20
56.0060.003.34	OHB 3,2.60.C	Eye-Hook	2.5 P	3.2	200	225	41	27	30	22	521	60
56.0080.003.34	OHB 3,2.80.C	Eye-Hook	2.5 P	3.2	220	255	41	27	30	22	551	80
56.0100.003.34	OHB 3,2.100.C	Eye-Hook	2.5 P	3.2	240	275	41	27	30	22	571	100
56.0040.005.34	OHB 5.40.C	Eye-Hook	2.5 P	5	170	190	41	32	35	28	500	40
56.0080.005.34	OHB 5.80.C	Eye-Hook	2.5 P	5	220	255	41	32	35	28	566	80
56.0100.005.34	OHB 5.100.C	Eye-Hook	2.5 P	5	240	275	41	32	35	28	586	100
56.0130.005.34	OHB 5.130.C	Eye-Hook	2.5 P	5	260	310	41	32	35	28	621	130
56.0100.006.34	OHB 6,3.100.C	Eye-Hook	4 P	6.3	240	275	49	37	45	35	630	100
56.0130.006.34	OHB 6,3.130.C	Eye-Hook	4 P	6.3	260	310	49	37	45	35	665	130
56.0170.006.34	OHB 6,3.170.C	Eye-Hook	4 P	6.3	280	340	49	37	45	35	695	170
56.0040.008.34	OHB 8.040.C	Eye-Hook	4 P	8	170	190	49	37	45	35	556	40
56.0130.008.34	OHB 8.130.C	Eye-Hook	4 P	8	260	310	49	37	45	35	665	130
56.0170.008.34	OHB 8.170.C	Eye-Hook	4 P	8	280	340	49	37	45	35	695	170
56.0210.008.34	OHB 8.210.C	Eye-Hook	4 P	8	300	335	49	37	45	35	735	210
56.0045.010.34	OHB 10.045.C	Eye-Hook	5 P	10	170	190	55	43	50	40	643	45
56.0170.010.34	OHB 10.170.C	Eye-Hook	5 P	10	280	340	55	43	50	40	747	170
56.0210.010.34	OHB 10.210.C	Eye-Hook	5 P	10	300	335	55	43	50	40	787	210
56.0250.010.34	OHB 10.250.C	Eye-Hook	5 P	10	320	400	55	43	50	40	807	250
56.0045.013.34	OHB 12,5.045.C	Eye-Hook	5 P	12.5	170	190	55	52	60	45	663	45
56.0210.013.34	OHB 12,5.210.C	Eye-Hook	5 P	12.5	300	355	55	52	60	45	807	210
56.0250.013.34	OHB 12,5.250.C	Eye-Hook	5 P	12.5	320	400	55	52	60	45	827	250
56.0350.013.34	OHB 12,5.350.C	Eye-Hook	5 P	12.5	350	450	55	52	60	45	877	350
56.0050.016.34	OHB 16.050.C	Eye-Hook	6 P	16	170	190	59	59	70	50	723	50
56.0250.016.34	OHB 16.250.C	Eye-Hook	6 P	16	320	400	59	59	70	50	934	250
56.0350.016.34	OHB 16.350.C	Eye-Hook	6 P	16	350	450	59	59	70	50	984	350
56.0500.016.34	OHB 16.500.C	Eye-Hook	6 P	16	410	500	59	59	70	50	1034	500
56.0350.020.34	OHB 20.350.C	Eye-Hook	8 P	20	350	450	69	65	75	60	1022	350
56.0500.020.34	OHB 20.500.C	Eye-Hook	8 P	20	410	500	69	65	75	60	1072	500
56.0650.020.34	OHB 20.650.C	Eye-Hook	8 P	20	430	550	69	65	75	60	1122	650

Minimum Ultimate Strength = 4 x WLL.

• Ball swivel with roller thrust bearing, grease lubricated. • Ball swivel for higher WLL and of higher weights available on request.
• Hole can be made larger on request. • Standard painted in yellow. • On request, swivels can be made suitable for subsea use.

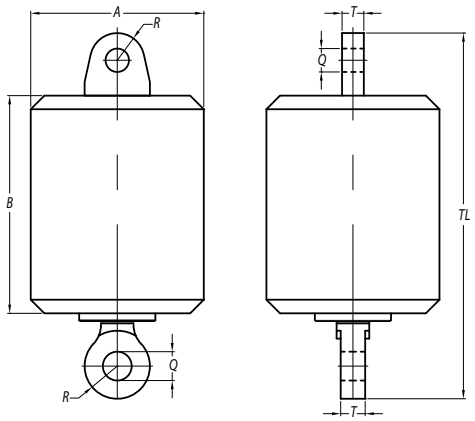
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Ball Swivel
Eye-Eye



Overhaul Ball Swivel

Stock No.	type	WLL (t)	Dimensions (mm)						Weight (kg)
			A	B	Q	R	T	TL	
56.0020.003.33	eye - eye	3.2	145	145	27	30	22	300	20
56.0020.005.33	eye - eye	5	145	145	32	35	28	320	20
56.0040.005.33	eye - eye	5	170	190	32	35	28	365	40
56.0040.008.33	eye - eye	8	170	190	37	45	35	405	40
56.0045.010.33	eye - eye	10	170	190	43	50	40	435	45
56.0045.013.33	eye - eye	12.5	170	190	52	60	45	475	45
56.0050.016.33	eye - eye	16	170	190	59	70	50	525	50
56.0105.020.33	eye - eye	20	250	265	65	75	60	630	105
56.0110.025.33	eye - eye	25	250	265	72	80	70	660	110
56.0125.035.33	eye - eye	35	250	265	79	90	70	685	125
56.0140.055.33	eye - eye	55	250	265	92	105	80	760	140
56.0200.070.33	eye - eye	70	300	330	98	120	90	885	200
56.0225.085.33	eye - eye	85	300	330	111	135	100	965	225
56.0500.120.33	eye - eye	120	380	430	100	125	130	1020	500
56.0600.150.33	eye - eye	150	400	450	115	140	150	1110	600
56.0800.200.33	eye - eye	200	460	480	140	170	160	1265	800
56.1000.250.33	eye - eye	250	500	600	150	185	180	1455	1000
56.1500.300.33	eye - eye	300	580	670	160	200	190	1590	1500

Minimum Ultimate Strength = 4 x WLL.

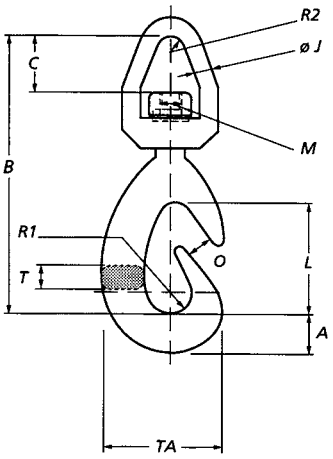
- Ball swivel with roller thrust bearing, grease lubricated.
- Ball swivel for higher WLL and of higher weights available on request.
- Hole can be made larger on request.
- Standard painted in yellow.
- On request, swivels can be made suitable for subsea use.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Swivel Cargo Hooks



Stock No.	WLL (t)	Dimensions (mm)											Weight (kg)
		A	B	C	J	L	M	O	R1	R2	T	TA	
50.003.02.00	2	50	370	65	20	175	M24	44	30	15	40	170	8
50.003.03.00	3	60	435	80	25	185	M30	47	35	17	40	180	12
50.003.05.00	5	70	505	100	30	200	M45	50	40	25	50	210	20
50.003.08.00	8	90	630	120	40	250	M48	60	50	25	70	280	49
50.003.10.00	10	115	700	140	40	280	M52	70	60	30	80	340	88

Minimum Ultimate Strength = 4 x WLL.

- Standard fitted with thrust bearing.
- Swivels for higher working loads available on request.

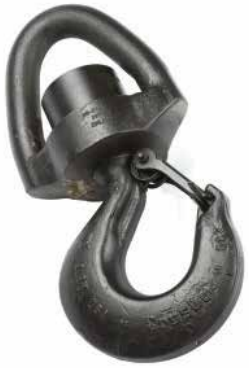
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

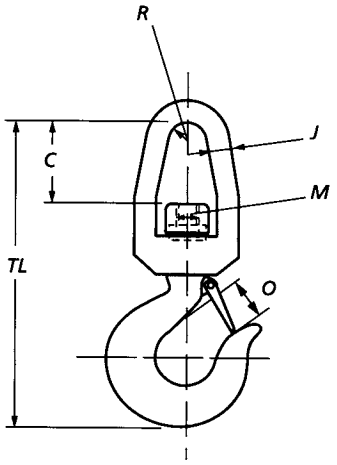
Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Swivels with Thrust Bearing Bow-Hook





Stock No.	WLL (t)	Dimensions (mm)						Hook Type	Weight (kg)
		C	J	M	R	O	TL		
51.005.02.35	2	65	20	24	15	35	279	Crosby IC	3
51.005.03.35	3	80	25	30	17	42	342	Crosby JC	6.5
51.005.06.35	6.3	100	30	45	25	56	427	Crosby KC	11.5
51.005.08.35	8	120	40	48	25	61	513	Crosby LC	23
51.005.10.35	10	140	40	52	30	81	592	Crosby NC	37
51.005.12.35	12.5	150	40	52	30	71	670	15401-6P	45
51.005.16.35	16	150	45	60	40	80	720	15401-8P	55
51.005.20.35	20	235	60	56	45	81	725	15401-10P	70

Minimum Ultimate Strength = 4 x WLL.

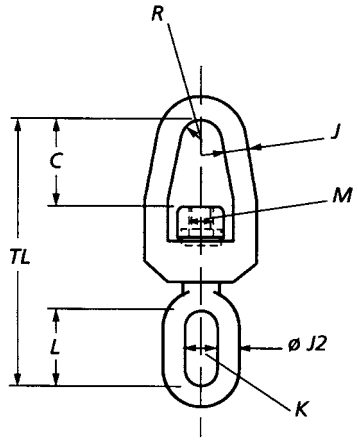
- Standard fitted with thrust bearing.
- Swivels for higher working loads available on request.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Swivels with Thrust Bearing
Bow-Oval Eye



Stock No.	WLL (t)	Dimensions (mm)								Weight (kg)
		C	J1	J2	K	L	M	R	TL	
51.005.02.25	2	65	20	16	26	58	24	15	205	2
51.005.03.25	3	80	25	21	32	72	30	17	260	4
51.005.06.25	6	100	30	29	45	108	45	25	350	8
51.005.08.25	8	120	40	36	54	125	48	25	415	19
51.005.10.25	10	140	40	36	54	125	52	30	445	27
51.005.12.25	12.5	142	40	41	60	144	52	30	470	34
51.005.16.25	16	160	45	46	66	163	64	40	500	40
51.005.20.25	20	192	55	51	72	173	72	50	510	50

Minimum Ultimate Strength = 4 x WLL.

- Standard fitted with thrust bearing.
- Swivels for higher working loads available on request.

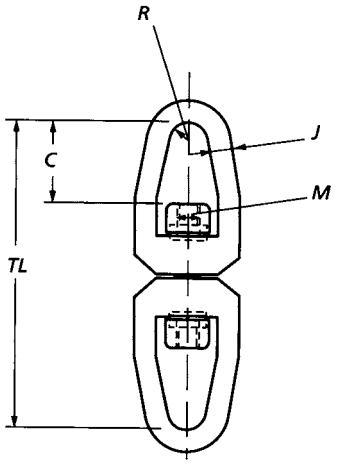
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Swivels with Thrust Bearing
Bow-Bow



Stock No.	WLL (t)	Dimensions (mm)					Weight (kg)
		C	J	M	R	TL	
51.005.02.55	2	65	20	24	15	245	4
51.005.03.55	3	80	25	30	17	305	6
51.005.06.55	6.3	100	30	45	25	385	12
51.005.08.55	8	120	40	48	25	515	24
51.005.10.55	10	140	40	52	30	545	32
51.005.12.55	12.5	150	40	52	30	545	36
51.005.16.55	16	170	45	64	40	600	43
51.005.20.55	20	192	55	72	50	680	50

Minimum Ultimate Strength = 4 x WLL.

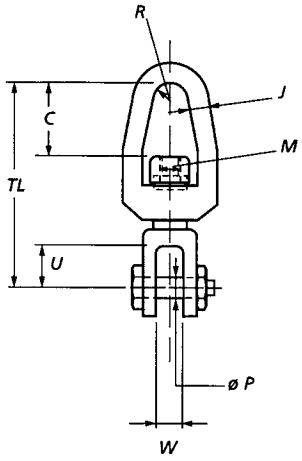
- Standard fitted with thrust bearing.
- Swivels for higher working loads available on request.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Swivels with Thrust Bearing
Bow-Double Lug



Stock No.	WLL (t)	Dimensions (mm)								Weight (kg)
		C	J1	M	P	R	TL	U	W	
51.005.02.15	2	65	20	24	24	15	190	36	32	3.5
51.005.03.15	3	80	25	30	27	17	220	36	32	5
51.005.06.15	6	100	30	45	39	25	285	51	45	10
51.005.08.15	8	120	40	48	45	25	350	56	49	20
51.005.10.15	10	140	40	52	48	30	370	63	55	30

Minimum Ultimate Strength = 4 x WLL.

- Standard fitted with thrust bearing.
- Swivels for higher working loads available on request.

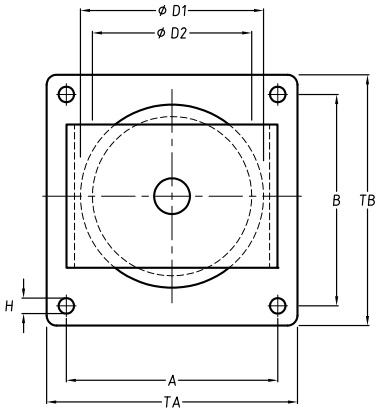
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

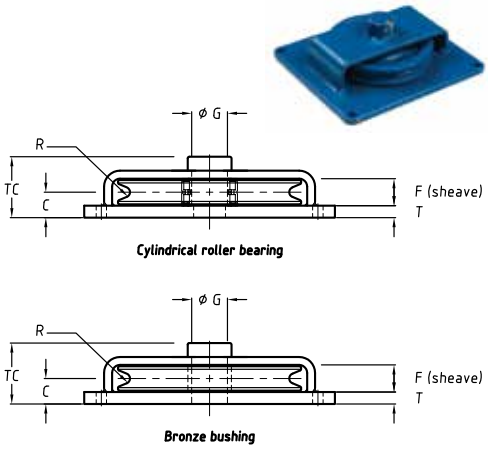
Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Horizontal Directional Blocks





Bronze bushing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)													Weight (kg)
				ØD1	ØD2	A	B	C	F	ØG	H	T	R	TA	TB	TC	
25.125.01.70	1	10	Bronze	125	105	180	150	22.5	27	22	9	8	5.5	200	170	54	5
25.150.02.70	2	12	Bronze	150	120	220	190	31	40	30	11	10	6.5	250	220	72	10
25.200.03.70	3	14	Bronze	200	165	290	240	33	40	30	13.5	12	7.5	320	270	76	17
25.250.04.70	4	18	Bronze	250	210	360	310	38.5	45	35	17.5	15	9.5	400	350	86	32
25.300.06.70	6	20	Bronze	300	255	400	360	46	50	40	22	20	11	450	410	99	50
25.350.08.70	8	22	Bronze	350	305	460	420	46	50	45	26	20	12	520	480	99	70
25.400.10.70	10	24	Bronze	400	345	530	480	51	60	50	32	20	13	600	550	113	100

Minimum Ultimate Strength = 4 x WLL.

Ball or cylindrical roller bearing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)													Weight (kg)
				ØD1	ØD2	A	B	C	F	ØG	H	T	R	TA	TB	TC	
25.125.01.71	1	10	2 x Ball	125	105	180	150	22.5	27	22	9	8	5.5	200	170	54	5
25.150.02.71	2	12	2 x Ball	150	120	220	190	31	40	30	11	10	6.5	250	220	72	10
25.200.03.71	3	14	2 x Ball	200	165	290	240	33	40	30	13.5	12	7.5	320	270	76	17
25.250.04.71	4	18	Straight	250	210	360	310	38.5	45	35	17.5	15	9.5	400	350	86	32
25.300.06.71	6	20	Straight	300	255	400	360	46	50	40	22	20	11	450	410	99	50
25.350.08.71	8	22	Straight	350	305	460	420	46	50	45	26	20	12	520	480	99	70
25.400.10.71	10	24	Straight	400	345	530	480	51	60	50	32	20	13	600	550	113	100

WLL= Working Load Limit.

Minimum Ultimate Strength = 4 x WLL.

- No test certificate possible.
- Groove in sheave may be adjusted to other wire rope diameters.

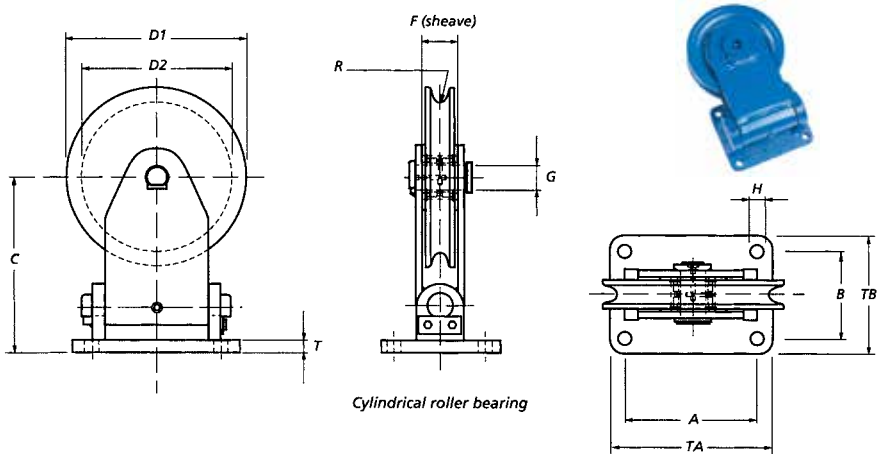
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Swivel Directional Blocks



Bronze bushing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)												Weight (kg)
				D1	D2	A	B	C	F	G	H	T	R	TA	TB	
25.125.01.50	1	10	Bronze	125	105	90	70	128	27	22	9	8	5.5	115	95	3.5
25.150.02.50	2	12	Bronze	150	120	115	85	160	40	30	11	10	6.5	140	110	6.5
25.200.03.50	3	14	Bronze	200	165	150	95	197	40	30	13.5	12	7.5	180	125	11
25.250.04.50	4	18	Bronze	250	210	190	120	240	45	35	17.5	15	9.5	230	160	21
25.300.06.50	6	20	Bronze	300	255	220	150	295	50	40	22	20	11	270	200	33
25.350.08.50	8	22	Bronze	350	305	270	160	350	50	45	26	25	12	330	220	52
25.400.10.50	10	24	Bronze	400	345	300	190	400	60	50	32	30	13	370	260	80

Minimum Ultimate Strength = 4 x WLL.

Ball or cylindrical roller bearing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)												Weight (kg)
				D1	D2	A	B	C	F	G	H	T	R	TA	TB	
25.125.01.51	1	10	2 x Ball	125	105	90	70	128	27	22	9	8	5.5	115	95	3.5
25.150.02.51	2	12	2 x Ball	150	120	115	85	160	40	30	11	10	6.5	140	110	6.5
25.200.03.51	3	14	2 x Ball	200	165	150	95	197	40	30	13.5	12	7.5	180	125	11
25.250.04.51	4	18	Straight	250	210	190	120	240	45	35	17.5	15	9.5	230	160	21
25.300.06.51	6	20	Straight	300	255	220	150	295	50	40	22	20	11	270	200	33
25.350.08.51	8	22	Straight	350	305	270	160	350	50	45	26	25	12	330	220	52
25.400.10.51	10	24	Straight	400	345	300	190	400	60	50	32	30	13	370	260	80

WLL= Working Load Limit.

Minimum Ultimate Strength = 4 x WLL.

- No test certificate possible.
- Groove in sheave may be adjusted to other wire rope diameters.

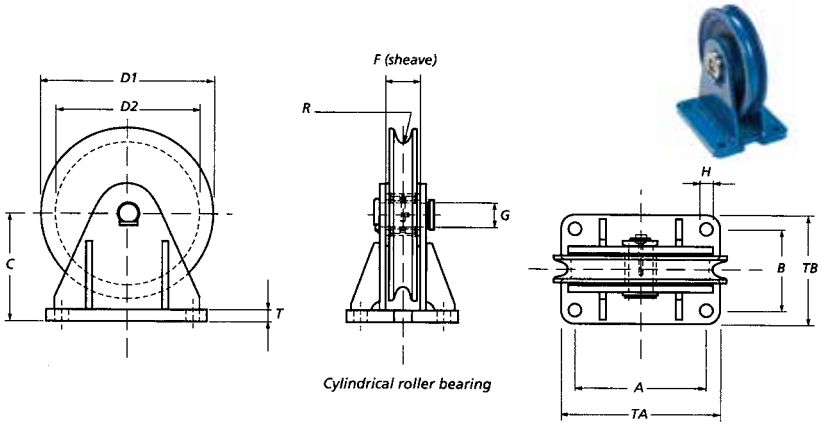
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Vertical Directional Blocks



Bronze bushing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)												Weight (kg)
				D1	D2	A	B	C	F	G	H	T	R	TA	TB	
25.125.01.10	1	10	Bronze	125	105	90	70	83	27	22	9	8	5.5	115	95	3
25.150.02.10	2	12	Bronze	150	120	115	85	95	40	30	11	10	6.5	140	110	5
25.200.03.10	3	14	Bronze	200	165	150	95	122	40	30	13.5	12	7.5	180	125	8
25.250.04.10	4	18	Bronze	250	210	190	120	155	45	35	17.5	15	9.5	230	160	17
25.300.06.10	6	20	Bronze	300	255	220	150	185	50	40	22	20	11	270	200	26
25.350.08.10	8	22	Bronze	350	305	270	160	220	50	45	26	25	12	330	220	41
25.400.10.10	10	24	Bronze	400	345	300	190	255	60	50	32	30	13	370	260	64

Minimum Ultimate Strength = 4 x WLL.

Ball or cylindrical roller bearing

Stock No.	WLL (t)	Wire size up to (mm)	Bearing	Dimensions (mm)												Weight (kg)
				D1	D2	A	B	C	F	G	H	T	R	TA	TB	
25.125.01.11	1	10	2 x Ball	125	105	90	70	83	27	22	9	8	5.5	115	95	3
25.150.02.11	2	12	2 x Ball	150	120	115	85	95	40	30	11	10	6.5	140	110	5
25.200.03.11	3	14	2 x Ball	200	165	150	95	122	40	30	13.5	12	7.5	180	125	8
25.250.04.11	4	18	Straight	250	210	190	120	155	45	35	17.5	15	9.5	230	160	17
25.300.06.11	6	20	Straight	300	255	220	150	185	50	40	22	20	11	270	200	26
25.350.08.11	8	22	Straight	350	305	270	160	220	50	45	26	25	12	330	220	41
25.400.10.11	10	24	Straight	400	345	300	190	255	60	50	32	30	13	370	260	64

WLL= Working Load Limit.

Minimum Ultimate Strength = 4 x WLL.

- No test certificate possible.
- Groove in sheave may be adjusted to other wire rope diameters.

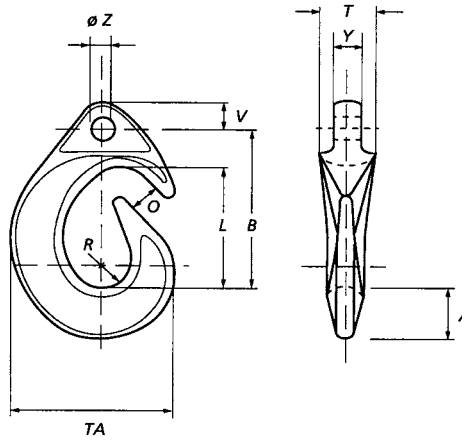
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Cargo Hooks
DIN 82017



Cargo hooks according DIN 82017

Stock No.	WLL (t)	Dimensions (mm)										Weight (kg)
		A	B	L	O	ØZ	R	T	TA	V	Y	
50.002.03.10	3	68	209	160	40	30	40	72	214	36	35	10
50.002.05.10	5	84	263	200	50	39	50	92	268	45	44	21
50.002.08.10	8	106	330	252	63	48	63	115	338	54	56	38
50.002.10.10	10	118	368	280	70	52	70	125	376	57	61	52

Minimum Ultimate Strength = 4 x WLL.

- Cargo hooks with higher working loads available on request.
- Dimensions can be adapted to shackle.
- Material STE 355.

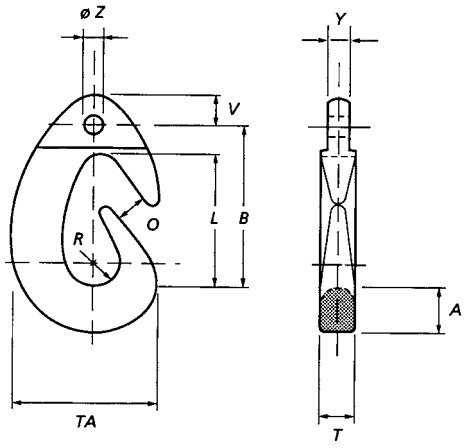
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Cargo Hooks
NEN 2298



Cargo hooks approx. according NEN 2298

Stock No.	WLL (t)	Dimensions (mm)										Weight (kg)
		A	B	L	O	R	T	TA	V	Y	ØZ	
50.001.12.10	12.5	120	355	290	80	60	80	350	75	68	56	70
50.001.16.10	16	120	385	305	85	62	90	350	75	76	65	79
50.001.20.10	20	140	460	360	95	75	100	420	75	85	74	124
50.001.25.10	25	165	545	420	105	85	110	450	75	95	78	170
50.001.35.10	35	184	650	480	120	120	130	610	80	77	95	300
50.001.50.10	50	244	710	540	140	140	150	738	100	100	105	580

Minimum Ultimate Strength = 4 x WLL.

- Cargo hooks with higher working loads available on request.
- Dimensions can be adapted to shackle.
- Cargo hooks can be supplied with safety latch (last digits 11).
- Material S355J2G3

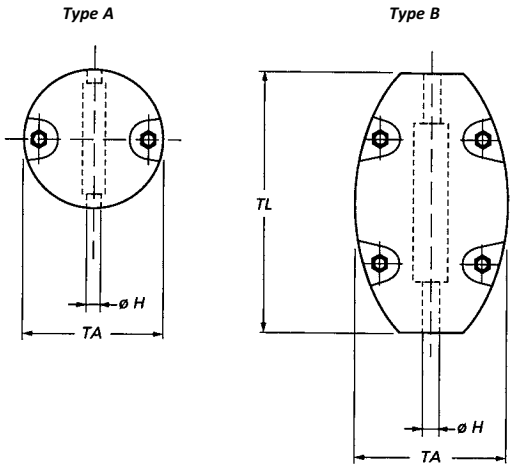
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Split Overhaul Balls



Split Overhaul Balls (Ball weights)

Stock No.	Type	Wire Ø (mm)	Dimensions (mm)			Weight (kg)
			ØH	TA	TL	
52.005.06.00	A	6	6	110	-	5
52.005.12.00	A	12	12	110	-	5
52.008.16.00	A	16	16	134	-	8
52.010.12.00	A	12	12	150	-	10
52.015.16.00	B	16	16	135	210	15
52.025.16.00	B	16	16	150	260	25
52.035.16.00	B	16	16	170	350	35
52.050.20.00	B	20	20	200	360	50
52.075.20.00	B	20	20	270	370	75
52.100.28.00	B	28	28	280	400	100

• Weights can be made suitable for larger wire diameters (at additional costs).

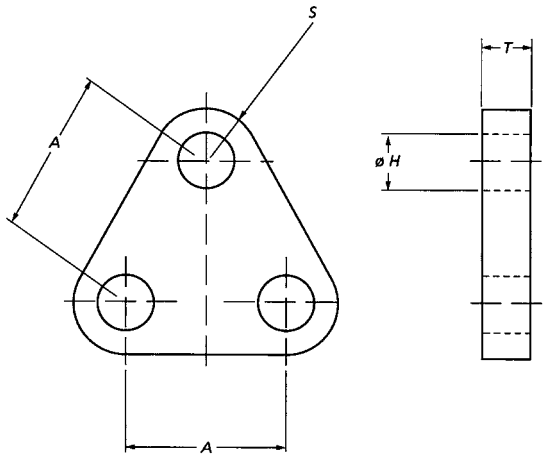
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Triangle Plates
NEN 3561 / DIN 82015



Triangle plates NEN 3561 / DIN 82015

Stock No.	WLL (t)	MBL (t)	Dimensions (mm)				Weight (kg)
			A	ØH	T	S	
51.008.02.00	2	10	75	23	25	25	2
51.008.03.00	3	15	90	30	30	30	3
51.008.05.00	5	25	115	39	35	40	5
51.008.08.00	8	40	140	48	45	50	10
51.008.10.00	10	50	145	52	50	55	15

- Other sizes possible. • Painted blue (RAL 5017).
- Material certificate according EN 10204 3.1 included.
- Proof Load certificate included.

Minimum Ultimate Strength = 5 x WLL.

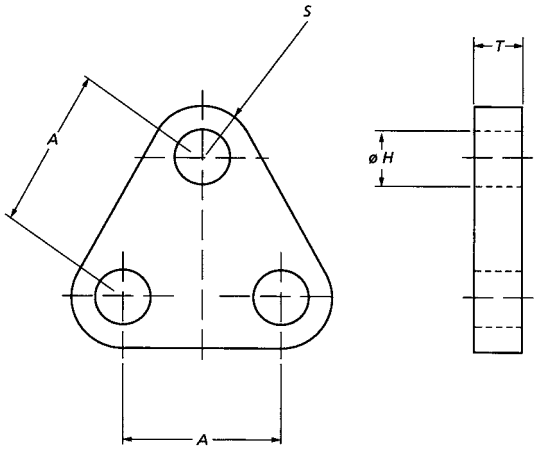
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Triangle Plates
High Tensile Plates



Triangle plates, High tensile steel

Stock No.	WLL (t)	MBL (t)	Dimensions (mm)				Weight (kg)
			A	ØH	T	S	
51.100.09.50	9.5	47.5	100	35	40	35	5
51.100.12.00	12	60	110	40	40	40	6.5
51.100.13.50	13.5	67.5	120	42	45	42.5	8.5
51.100.17.00	17	85	130	45	45	50	9.5
51.100.25.00	25	125	140	55	50	65	13.5
51.100.35.00	35	175	150	60	60	70	19
51.100.55.00	55	275	180	75	80	85	37.5
51.100.85.00	85	425	220	90	90	110	62
51.101.20.00	120	600	240	105	110	130	95
51.101.50.00	150	750	260	115	130	135	133
51.101.75.00	175	875	290	115	140	145	163
51.102.00.00	200	1000	380	140	150	160	282
51.102.50.00	250	1250	450	150	170	175	413
51.103.00.00	300	1500	400	160	170	230	606
51.104.00.00	400	2000	480	180	200	260	964
51.105.00.00	500	2500	500	200	200	310	1234
51.106.00.00	600	3000	550	220	250	310	1640
51.107.00.00	700	3500	580	230	250	340	1927
51.108.00.00	800	4000	590	235	250	380	2265
51.109.00.00	900	4500	620	245	280	410	2910
51.110.00.00	1000	5000	650	255	300	430	3434
51.112.50.00	1250	6250	730	285	320	490	4719
51.115.00.00	1500	7500	780	305	320	570	6064

- Other sizes possible. • Painted blue (RAL 5017).
- Material certificate according EN 10204 3.1 included.
- Proof Load certificate included.

Minimum Ultimate Strength = 5 x WLL.

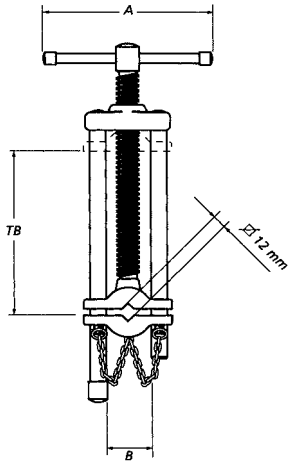
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Riggers Screw



Riggers screw

Stock No.	Dimensions (mm)			Weight (kg)
	A	B	TB	
54.000.14.00	280	83	265	8

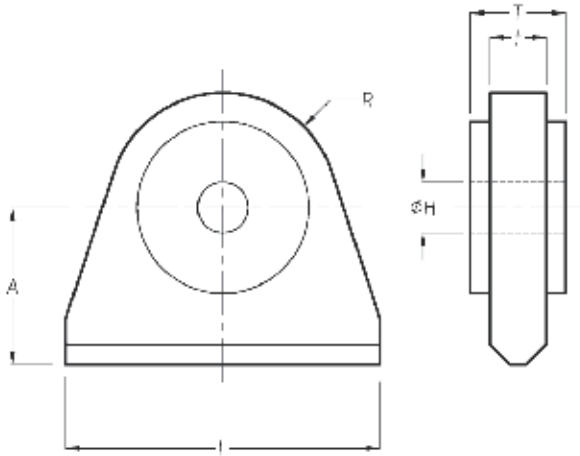
SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Associated WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Pad Eyes Type S



Pad Eye Type S

Stock No.	Type No.	Shackle size	WLL (t)	Wire		Dimensions (mm)						Weight (kg)
				(inches)	(mm)	L	A	ØH	R	t	T	
53.001.00.0S	S	3/8	1	3/8	9 - 10	76	32	11.5	26	14	14	0.3
53.001.50.0S	S	7/16	1.5	3/8	9 - 10	90	32	13.5	32	15	15	0.5
53.002.00.0S	S	1/2	2	1/2	12 - 13	100	38	17	35	18	18	0.7
53.003.25.0S	S	5/8	3.25	3/4	19	115	45	20	38	22	22	1.5
53.004.75.0S	S	3/4	4.75	3/4	19	140	51	23	45	25	25	2
53.006.50.0S	S	7/8	6.5	1	25 - 26	150	57	26	51	30	30	3
53.008.50.0S	S	1	8.5	1	25 - 26	180	64	29.5	64	35	35	5
53.009.50.0S	S	1 1/8	9.5	1	25 - 26	203	76	33.5	76	40	40	7.5
53.012.00.0S	S	1 1/4	12	1 1/4	32	216	83	37	83	45	45	10
53.013.50.0S	S	1 3/8	13.5	1 1/4	32	228	89	40	89	30	50	10
53.017.00.0S	S	1 1/2	17	1 3/8	35	280	140	44	102	40	50	18
53.025.00.0S	S	1 3/4	25	1 5/8	41 - 42	305	140	53	121	40	60	23
53.035.00.0S	S	2	35	2	51	356	153	60	133	50	70	35
53.055.00.0S	S	2 1/2	55	2 1/2	63 - 64	482	165	74	152	50	90	55
53.085.00.0S	S	3	85	3	76 - 77	559	203	87	178	60	110	90
53.120.00.0S	S	3 1/2	120	3 3/4	95 - 96	711	254	100	229	70	120	170
53.150.00.0S	S	4	150	4	102	813	280	114	254	80	150	250

- Pad eyes will be supplied including material certificates (S355J2G3, EN 10204 3.1)
- T≥ 75% of inside width of shackle.
- H≤ 106% of diameter of pin.

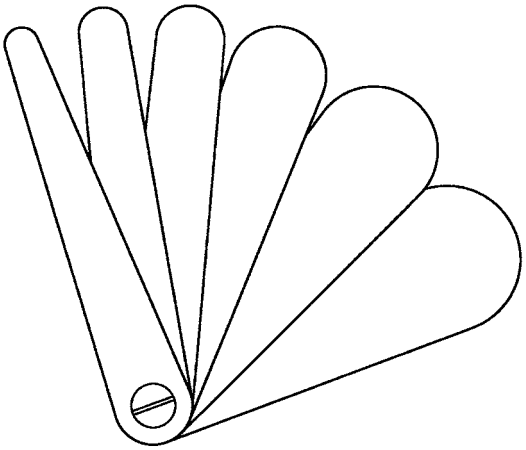
Associated WIRE ROPE & RIGGING

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

Groove Radius Gauges



Stainless steel groove radius gauges

Stock No.	R-min mm	R-max mm	Steps mm
61.035.165.05	3.5	16,5	0.5
61.170.300.05	17	30	0.5
61.040.250.10	4	25	1
61.260.520.10	26	52	1-3

- Groove radius gauges enable the measuring of the radius in grooves of wire rope sheaves.
- Gauges only provide an indication of the radius of the groove and is not a calibrated measuring instrument.
- The relation between the radius in the groove and the diameter of the wire rope is shown in the table on Page 3.02 (sheaves)

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

Associated
WIRE ROPE & RIGGING

8125 Saran Dr. • Playa del Rey, CA 90293
Phone: 310.448.5444 • Fax: 310.448.5446
sales@awrrinc.com
www.AssociatedWireRope.com

ROPEBLOCK

ROPEBLOCK

High quality and safe components for the global lifting- and wire rope industry




Ropeblock B.V. PO Box 391 I NL-7570 AJ Oldenzaal I The Netherlands
T +31 (0)541 532 300 I **F** +31 (0)541 536 575 I **E** sales@ropeblock.com

Associated WIRE ROPE & RIGGING

Associated Wire Rope & Rigging, Inc.
8125 Saran Drive
Playa del Rey, CA 90293
Office - 310.488.5444
Fax - 310.448.5446
E-mail info@awrrinc.com
www.associatedwirerope.com