

D **K** **WARRIOR** 
2 **WINCHES**

INDUSTRIAL

DETAIL K2 INC

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Features



In the most extreme conditions, when lesser products might be found wanting, DK2 Warrior Winches will deliver what your customer demands and our service levels will raise the bar in the process.

Whatever the requirement and whatever the vehicle we can supply a DK2 Warrior Winch that will provide exceptional performance and be backed by only the highest level of customer service and after sales support thus our motto" Value Without Compromise".

Value for money specification



At Detail K2 Inc. we recognize that our customers want an all-inclusive price and do not want the bother of searching through a long, expensive extras list. It's for this reason that each one of our Winches is supplied as standard, with a specification that translates into exceptional value for your hard earned money.

Highest quality motors are the powerhouse, 3 stage Planetary Gears provide the right ratios for any task. Our water resistant solenoids and fully sealed housings deliver reliability in the field regardless of what Mother Nature throws your way.

Limited Lifetime Warranty



It shouldn't come as a surprise that every DK2 Warrior Winch is backed by a no quibble Limited Lifetime Warranty. We are so confident in our product that in the unlikely event something should go wrong there will be a simple and direct commitment to rectifying the problem. It's this integrity that translates into knowing our service and reputation will deliver when called on.

A 1 year warranty is offered for commercial and industrial applications. For more warranty information please visit our website at www.detailk2.com

DK2 WARRIOR WINCHES

Description

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NW SERIES

SAE J706 HYDRAULIC WINCHES

SAMURAI INDUSTRIAL

17500/20000 LB ELECTRIC WINCHES



Description

Compact, tough. A hydraulic winch for industrial and commercial applications. The special heat treated planetary gearing system combined with a highly efficient & powerful hydraulic motor ensures maximum performance over the full load range. Complete with internal brake to ensure maximum control and load holding.

NW SERIES

SAMURAI

Description

WarriorWinchesareexcitedtoannounce thearrivalofthe colossal Samurai 17500 & 20000lb Winches. Designed for the toughest of applications & tested in the most extreme environments imaginable, these Winches boast a massive 7.0 & 7.5 hp Series wound motors respectively. Double sealed drum on maintenance free bearings and quiet, fully sealed efficient full steel planetary gearing ensures these immense Warriors are ready for any battle.



Standard Accessories

Outstanding Features

Standard Accessories

Outstanding Features

Included



- 86 ft x 1/2" steel cable
- 5/16 Hook
- Tensioner included

- Patented Heavy Duty Gearing
- Integral, Automatic Failsafe Brake
- Spring Engaged Manual Freespool
- Rugged and Compact for Long Life
- Meets the requirements of SAE J706

- 0.5" x 85ft Wire Rope
- 10ft Remote Handset
- Heavy Duty Stainless Steel Fairlead
- Heavy Duty Battery Leads
- Isolation switch
- Stainless Steel Mounting hardware
- Wireless Remote

- All Brass (no corrosion) Series Wound Motor
- Double Sealed Motor
- Sealed Waterproof Contactor
- Reinforced Plastic Contactor Cover
- Double Sealed Drum (G-box/Motor)
- Sealed 3 Stage Planetary Gears
- Stainless Steel 4 Way fairleads
- High Quality Steel Drum Supports

Included



Technical Specifications

Technical Specifications

10 000 NW Winch

RATED LINE PULL: 10000lbs (4536kg)
MAX LINE PULL: 12 500lbs (5670kg)
MOTOR: Hydraulic Dis 100.8 ml/r
GEARING: 16:1
DRUM SIZE Dia x L: 3.9 x 9.9"
CABLE Dia x L: 1/2" x 86 ft
MOUNTING: 14.6 x 4.5" (11.34 x 4.5")
DIMENSIONS: 25 x 10.33 x 9.39"

15 000 NW Winch

RATED LINE PULL: 15000lbs(6810kg)
MAX LINE PULL: 17 500lbs (7954kg)
MOTOR: Hydraulic Dis 160 ml/r
GEARING: 17.2:1
DRUM SIZE Dia x L: 5 x 10.6"
CABLE Dia x L: 0.6" x 92 ft
MOUNTING: 11.9 x 4.5" (14.5 x 4.6")
DIMENSIONS: 28.2 x 11.1 x 12"

S17500 Winch

RATED LINE PULL: 17 500lbs (7938kg)
MOTOR: 12v : 7.0hp / 4.9kw
GEARING: 430:1
BRAKING ACTION: Automatic in the drum
DRUM SIZE Dia x L: 3.5 x 8.6"
CABLE Dia x L: 0.5" x 85 ft
MOUNTING PATTERN: 10 x 4.5"
DIMENSIONS: 24 x 8.5 x 10"
WEIGHT: 147.7 lbs

S20000 Winch

RATED LINE PULL: 20 000lbs (9072kg)
MOTOR: 12v : 7.5hp / 5.4kw
GEARING: 430:1
BRAKING ACTION: Automatic in the drum
DRUM SIZE Dia x L: 3.5 x 8.6"
CABLE Dia x L: 0.47" x 87 ft
MOUNTING PATTERN: 10 x 4.5"
DIMENSIONS: 24 x 8.6 x 10.7"
WEIGHT: 158.7 lbs

Need some help choosing a winch? Contact our experienced sales team for expert advice on the winch suited to your application.

Laser etched extruded aluminium tie bars reinforced with steel body.
 Fully sealed to IP68 Standard.
 New heavy duty gloss chip resistant finish.
 Fully sealed 600 amp contactors.





VIKING WORM DRIVE

12000LB HYDRAULIC WORM DRIVE WINCH

VIKING WORM DRIVE

12000LB ELECTRIC WORM DRIVE WINCH



Description

Warrior Viking Hydraulic Worm Gear Winches offer the ultimate in precision and control. The worm gear design provides excellent load reversing protection. Hydraulic Worm Gear winches are designed with fewer moving parts (worm and gear) and provide greater handling of shock loads as well as fewer wear points.

All models are supplied with mount plate as standard. Meets EN14492 standard.

VIKING

VIKING

Description

Warrior Viking Worm Gear Winches offer the ultimate in precision and control. The worm gear design provides excellent load reversing protection. Worm Gear winches are designed with fewer moving parts (worm and gear) and provide greater handling of shock loads as well as fewer wear points.

All models are supplied with mount plate as standard. Meets EN14492 standard.



Standard Accessories

- 0.4 inches x 95 ft Wire Rope
- Heavy Duty 4 Way Roller Fairlead
- Mount Plate
- Fitting hardware

Outstanding Features

- Robust worm gear - provides load reversing protection
- Heavy Duty Industrial Design.
- Mount Plate Included
- EN14492 Compliant

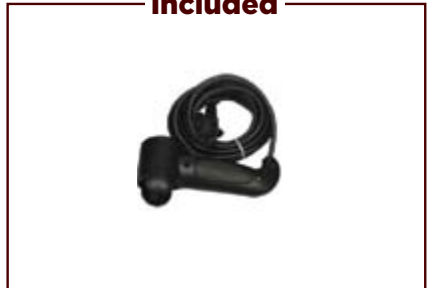
Standard Accessories

- 0.4 inches x 95 ft Wire Rope
- Heavy Duty 4 Way Roller Fairlead
- Mount Plate
- Fitting hardware
- Hand remote (electric version)

Outstanding Features

- Robust worm gear - provides load reversing protection
- Heavy Duty Industrial Design.
- Water Resistant Contactors
- Mount Plate Included
- EN14492 Compliant

Included



Technical Specifications

SPECIFICATION

MODEL NO: 12WDSHY
RATED LINE PULL: 12 000lbs (5448kg)
MOTOR: 125ml/r
GEAR TRAIN: Worm & gear driven
GEARING: 60:1
CLUTCH: Lever Control
BRAKE: Automatic
DRUM SIZE Dia x L: 3.54 x 8.34 inches
CABLE Dia x L: 0.4 inches x 95 ft
DIMENSIONS: 18.7 x 15.8 x 10mm
WEIGHT: 135.5 lbs

Layer of wire rope	Line pull lbs (kg)	Total Rope on drum ft(m)
1	12000 (5448)	20 (6.0)
2	10000 (4540)	40 (12.0)
3	8600 (4890)	70 (21.0)
4	7500 (3390)	95 (29)

Line Pull lbs (kg)	Line Speed ftp (mpm)	Pressure difference between motor entry & exit (Mpa)
4409 (2000)	10.5 (3.2)	6.5
8818 (4000)	8.2 (2.5)	8.5
13228 (6000)	6.6 (2.0)	12.5



These are the winches for the true professional and will handle the most demanding applications.

Technical Specifications

SPECIFICATION

MODEL NO: 120WS24 /120WS12
RATED LINE PULL: 12 000lbs (5448kg)
MOTOR: 12v : 7.2hp / 5.4kw
MOTOR: 24v: 10hp / 7.6kw
GEAR TRAIN: Worm & gear driven
GEARING: 470:1
CLUTCH: Pull and turn
BRAKE: Automatic
DRUM SIZE Dia x L: 3.5 x 8.3 inches
CABLE Dia x L: 0.4 inches x 95 ft
DIMENSIONS: 23.6 x 11 x 10.6 inches
WEIGHT: 114.6 lbs

Layer of wire rope	Line pull lbs (kg)	Total Rope on drum ft(m)
1	12000 (5448)	20 (6.0)
2	10000 (4540)	40 (12.0)
3	8600 (4890)	70 (21.0)
4	7500 (3390)	95 (29)

Line pull lbs (kg)	Line speed (ft/min)		Amp draw	
	12v	24v	12v	24v
0	17.6 (5.5)	14.8 (4.5)	70	30
4000 (1816)	11.8 (3.7)	5.9 (1.8)	180	85
8000 (3632)	8.2 (2.5)	3.9 (1.2)	280	135
10000 (4540)	6.6 (2.0)	2.9 (0.9)	330	160
12000 (5448)	4.3 (1.3)	2.6 (0.8)	390	190

These are the winches for the true professional and will handle the most demanding applications.





H-EN SERIES

EN 14492:1 COMPLIANT HYDRAULIC WINCHES

NH SERIES

HYDRAULIC WINCHES



Description

The H-EN Series hydraulic winches meet EN14992 & SAE J-706 standards. They provide you with continuous duty and will fulfill all your industrial winching requirements. They are designed for tough, commercial, industrial applications and are available in a full range of planetary gear with capabilities from 8000 to 15000 pounds.

H-EN SERIES

NH SERIES

Description

Compact, tough. A hydraulic winch for industrial and commercial applications. The unique patented steel gearing system combined with a highly efficient and powerful hydraulic motor ensures maximum performance over the full load range. Complete with internal brake to ensure maximum control and load holding. Stainless steel roller fairleads and fittings are standard.



Standard Accessories

Outstanding Features

- Highly efficient, long lifetime hydraulic motor.
- Automatic multidisc hydraulic brake ensure no heat to drum.
- Synthetic Rope can be used.
- Reliable high strength alloy gear set.
- Dual balance valve & 360 degree rotatable gearbox enables the winch to be mounted in various positions.

Standard Accessories

Outstanding Features

- Steel cable (see below)
- Heavy Duty Roller Fairlead (10000/15000NH)
- 5/16 or 3/8 Hook
- Patented Heavy Duty Gearing
- Integral, Automatic Failsafe Brake
- Spring Engaged Manual Freespool
- Stainless Steel fairlead and Fittings
- Rugged and compact for Long Life

Technical Specifications

Technical Specifications

8000 H-EN Winch

RATED LINE PULL: 8000lbs (3629kg)
MOTOR DISPLACEMENT: 80
MAX FLOW: 60 L/min
MAX PRESSURE: 14 Mpa
GEAR TRAIN: 2 stg Planetary
GEAR RATIO: 16.9:1
CLUTCH: Pull & turn
BRAKING ACTION: Auto Hydraulic
WIRE ROPE: 3/8" x 114.8' (9.2mm x 35m)
DRUM SIZE: 3.54 x 8.66 "(90 x 220mm)
SIZE: 24.6x9.8x9.4" (627x250x239)
BOLT PATTERN: 10x4.5"(254x114.3mm)
 10x6.5"(254x165.1mm)

NET WEIGHT: 129.5lbs (58.8kg)

10000 H-EN Winch

10000lbs (4540kg)
 125
 60 L/min
 14Mpa
 2 stg Planetary
 16.9:1
 Pull & turn
 Auto Hydraulic
 13/32" x 98.4'(10mm x 30m)
 3.54 x 8.66" (90 x 220mm)
 24.6x9.8x9.4"(627x250x239mm)
 10x4.5"(254x114.3mm)
 10x6.5"(254x165.1mm)

132.2lbs (60kg)

15000 H-EN Winch

15000lbs (6810kg)
 200
 60 L/min
 14 Mpa
 2 stg Planetary
 17.3:1
 Pull & turn
 Auto Hydraulic
 1/2" x 98.4'(13mm x 30m)
 5 x 8.2" (126 x 208mm)
 24.8x12x10.4"(630x304x265mm)
 10x4.5"(254x114.3mm)
 10x6.5"(254x165.1mm)
 10x8.5"(254x215.9mm)
 160.8lbs (73kg)

10 000 NH HYDRAULIC Winch

RATED LINE PULL: 10 000lbs (4536kg)
MAX LINE PULL: 12 500lbs (5670kg)
MOTOR: Hydraulic Dis 50 ml/r
GEARING: 33:1
DRUM SIZE Dia x L: 2.8 x 8.8"
CABLE Dia x L: 0.4" x 87ft
MOUNTING PATTERN: 10 x 4.5"
DIMENSIONS: 20 x 7.3 x 8.8"

15 000 NH HYDRAULIC Winch

RATED LINE PULL: 15 000lbs (6804kg)
MAX LINE PULL: 17 000lbs (7711kg)
MOTOR: Hydraulic Dis 80 ml/r
GEARING: 37:1
DRUM SIZE Dia x L: 3.5 x 8.8"
CABLE Dia x L: 0.5 x 87ft
MOUNTING PATTERN: 10 x 4.5"
DIMENSIONS: 20.9 x 8.1 x 9.7"



Description

JP SERIES

Tough and compact, the JP series are heavy duty hydraulic winches designed and tested for toughest applications. Minimum rope to drum ratio of 10:1, multi disc frictional brake, balance valve and rope tensioner as standard. Available from 10 tonne to 40 tonne. Manufactured to meet GJB82-86 National Military Standard.

Outstanding Features

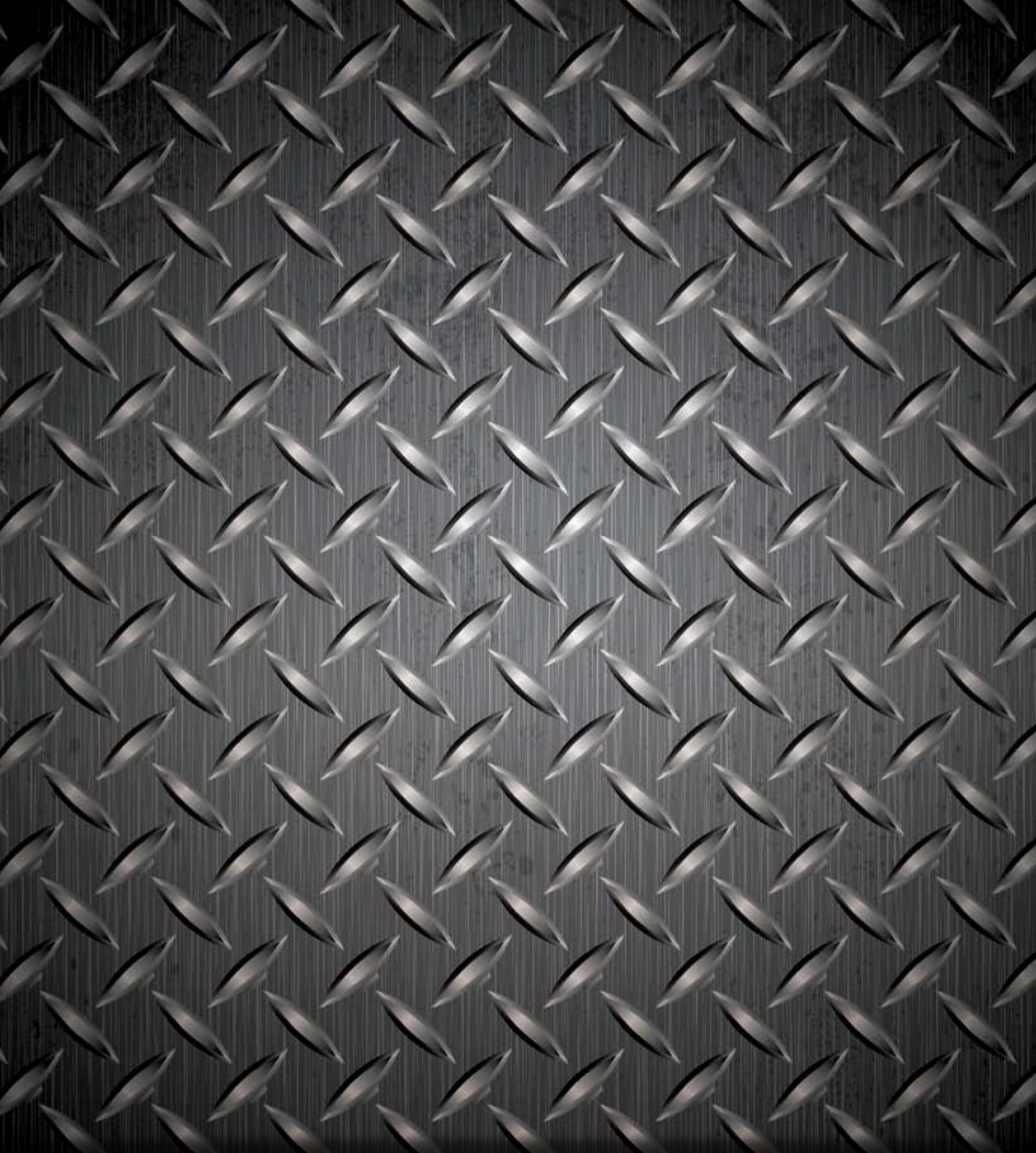


- Multi Disc Friction Brake
- Minimum 10:1 Rope/Drum Ratio
- High Torque Industrial Motor
- Balance Valve as Standard
- Air and Manual Clutch Operation
- Rope and Heavy Duty Hook included as standard
- Full Float Heavy Duty Planetary Gearing
- Heavy Duty Rope Tensioner as Standard

Technical Specifications

SPECIFICATIONS:	10JP	13.5JP	15JP	20JP	30JP	40JP
RATED LINE PULL (bottom layer):	10 000 kg 22046 lbs	13 500 kg 29762 lbs	15 000 kg 33069 lbs	20 000 kg 44092 lbs	30 000 kg 66138 lbs	40 000 kg 88184 lbs
WORKING SPEED (bottom layer):	21.6ft/min*	24.6ft/min	20ft/min	20ft/min	18ft/min	10ft/min
RESPONSE PRESSURE OF ARRESTER:	5 Mpa	<2.5 Mpa	<2.5 Mpa	<2.5 Mpa	<2.5 Mpa	<2.5 Mpa
WORKING PRESSURE:	20 Mpa	17 Mpa	17 Mpa	17 Mpa	17 Mpa	17 Mpa
OIL FLOW:	15-75 L/min	110 L/min	110 L/min	120 L/min	120 L/min	120 L/min
DRUM SIZE:	5.4x12.4"	15.7x8.3x13.4"	15.7x8.3x13.4"	20.9x8.3x13.4"	20.9x11x14.2"	23.7x11x18.9"
RECOMMENDED ROPE SIZE:	157ft x 0.6"	131ft x 0.7"	230ft x 0.9"	197ft x 1"	197ft x 1.3"	213ft x 1.4"
WEIGHT:	364 lbs	578 lbs	628 lbs	650 lbs	1257 lbs	1763 lbs

*when oil flow 60L/min



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