

## Endüstriyel Hidrolik Vinçler: Series 18



### Series 18

#### Hydraulic Pulling Power of up to 18,000 lbf. (single line)

- For tow, utility and trailer applications
- 7.3 cubic-inch hydraulic motor
- Hardened steel two-stage planetary geartrain with 36:1

reduction provides fast line speed

- Heavy-duty disc brake for dependable operation and plenty of holding power
- Meets SAE J706 and CE specifications
- Wire rope, roller fairlead, and tensioner sold separately
- [Click here for winch accessories](#)

### 18 HYD SPECS/PART NUMBERS

**Part Number:** 74125

**Rated Pulling Force:** 18000 lbf. (8165 kgf)

**Drum Barrel Diameter:** 4.0 in (102mm)

**Drum Flange Diameter:** 8.24 in (209 mm)

**Distance Between Flanges:** 9.95 in (253 mm)

**Recommended Maximum Wire Rope Diameter:** 1/2 in (12.7 mm)

**Recommended Minimum Wire Rope Breaking Strength:** 26600 lbf (12066 kgf)

**Approximate Shipping Weight:** 82.0 lb (37.2 kg)

**Duty Cycle (intermittent per SAE J706 section 6.2):** 565 ft (172 m)

**Mounting Bolt Torque:** 35-40 ft\*lbf (47-54 N\*m)

**Maximum Layers of Wire Rope:** 3 (with 1/2" dia. rope)

**Gear Reduction:** 36:1

**Brake Type:** Disk

**Contactors / Remote Type:** N/A

**Standards Compliance:**

SAE J706

CE Machinery Directive 98/37/EC and 006/42/EC

### ACCESSORIES

**Wire Rope Tension Plate 10":** PN 31149

**Fairlead Black 10":** PN 24336

**Fairlead Chrome 10":** PN 30859

**Remote Clutch Mechanical:** PN 38316

**Remote Clutch Air:** PN 71370

**Wire Rope Assembly 1/2"x75' EIPS:** PN 77534

**PERFORMANCE DATA BY LAYER - 1/2" (12.7 mm) dia. rope**

Drum Layer	Line Load *		Line Speed 10 GPM			Line Speed 15 GPM		Drum Capacity	
	lbf	kgf	kN	ft/min	m/min	ft/min	m/min	ft	m
1	18000	8165	80.1	10.2	3.1	14.9	4.5	21	6.4
2	14727	6680	65.5	12.5	3.8	18.2	5.5	46	14.0
3	12461	5652	55.4	14.7	4.5	21.5	6.6	75	22.9

\* Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended.

**FIRST LAYER PERFORMANCE**

Line Load		Pressure Drop at 10 GPM		Pressure Drop at 15 GPM		Duty Cycle
lbf	kgf	psi	BAR	psi	BAR	min/10min
0	0	113	7.8	162	11.2	N/A
3000	1361	345	23.8	400	27.6	N/A
6000	2722	599	41.3	663	45.7	N/A
9000	4082	867	59.8	930	64.1	N/A
12000	5443	1137	78.4	1196	82.5	N/A
15000	6804	1446	99.7	1546	106.6	N/A
18000	8165	1617	111.5	1816	125.2	N/A