



**OMAR STAR®**  
**PRO-HYDRO-TOOL**

*Professional Hydraulic Tool based on 20-year-experiences*

# OMAR STAR<sup>®</sup>

## PRO-HYDRO-TOOL

Patented for Puller:  
U.S.A: 5,233,740  
Canada: 2052729  
Germany: G 9114718.2  
P.R.C.: ZL 93 211036.3;  
Japan: 3-106430.

*Since 1991, we had developed the first one "self-contained hydraulic puller", our job is always to research, develop and provide what you need. Till now, our puller has been served many customers' needs from motor repair shop, steel mill, mines, quarries, ship yard, utilities, maintenance shops, agricultural machinery repair and so on. And because of these customers, so we are here and we will always be here to serve what you need.*







## *Do the right choice, you will do the things right.*

*Provides the stability of the  
3-jaw puller and/or the 2-jaw  
option where space  
limitations require it.*

**1** Removable handle

**2** 360° Rotary pump handle

**3** Self-contained hydraulic pump & puller

**4** Integral safety valve

**5** Easily release valve



**6** 2/3jaws combination  
puller head

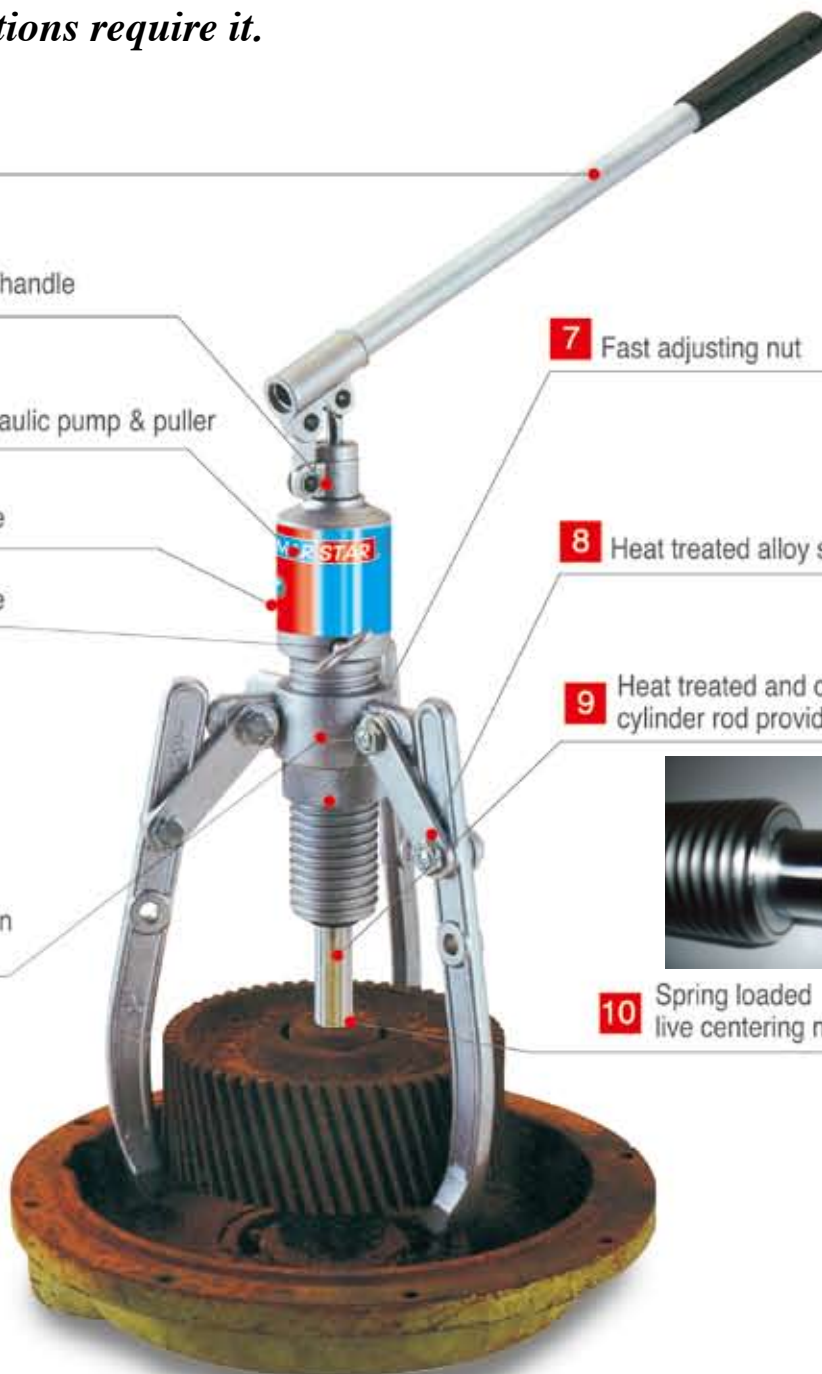
**7** Fast adjusting nut

**8** Heat treated alloy steel cross bolts

**9** Heat treated and chrome plate hydraulic  
cylinder rod provides linear force



**10** Spring loaded  
live centering nut removable



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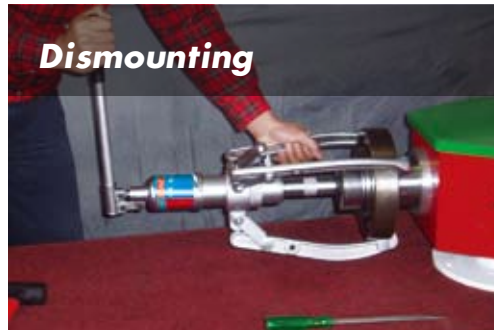
# Hydraulic Puller Higher Tons



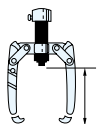
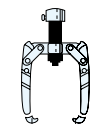
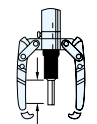
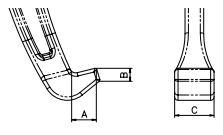
## SPECIFICATIONS

Output	Item No.	Reach (mm)	Spread (mm)	Stroke	N.W.
75 Tons	CK-750	490-700	110-1220	165	660
120 Tons	CK-1200	900-1100	150-1220	170	888
220 Tons	CK-2200	900-1100	150-1220	170	1300

**CK-6sd** **4 tons**  
**CK-6in** **6 tons**



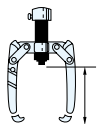
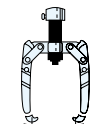
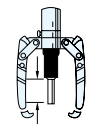
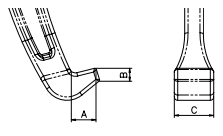
**SPECIFICATIONS**

Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
					A	B	C		
4 Tons	<b>CK-6SD</b>	165	30-200/260	55-105	15	7	22	5.49	7.2
6 Tons	<b>CK-6IN</b>	165	30-200/260	82-130	15	7	22	5.85	7.5
6 Tons	<b>CK-6INL</b>	195	30-200/300	82-180	20	7	26	7.01	8.8
8 Tons	<b>CK-8IN</b>	210	30-250/355	82-160	20	7	26	8.05	9.7
8 Tons	<b>CK-8INL</b>	240	30-300/380	82-240	20	9	30	9.4	11.1
15 Tons	<b>CK-10IN</b>	240	50-280/380	82-180	20	9	30	9.75	11.1

**CK-6inB** **6 tons**  
**CK-8inB** **8 tons**



**SPECIFICATIONS**

Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
					A	B	C		
6 Tons	<b>CK-6INB</b>	165/195	30-260/300	82-180	15/20	7	22/26	8.44	10.3
8 Tons	<b>CK-8INB</b>	210/240	30-300/380	82-240	20	7/9	26/30	11.48	13.13

- CK-6INB (Long & Short Jaw)
- CK-8INB (Long & Short Jaw)

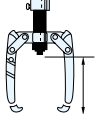
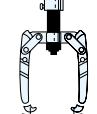
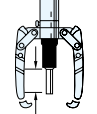
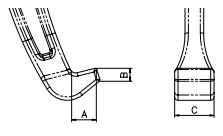


# CK-10inB

# 15 tons



## SPECIFICATIONS

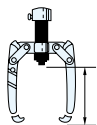
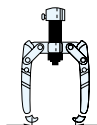
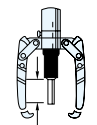
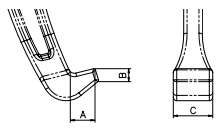
Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
					A	B	C		
15 Tons	CK-10INB	240/320	50-350/410	82-280	20/28	9/11	30/33	18.8	28.4
15 Tons	CK-10INL	320	50-350/410	82-280	28	11	33	16.66	26.26

• CK-10INB (Long & Short Jaw)

# CK-801/802 **8 tons**



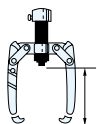
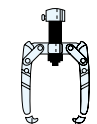
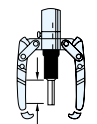
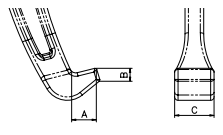
## SPECIFICATIONS

Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
					A	B	C		
6 Tons	CK-601	300	90/210	82	-	-	-	6.9	8.2
6 Tons	CK-602	190	90/210	82	15	7	24	6.55	7.82
10 Tons	CK-601 Extra	300	90/210	82	-	-	-	6.9	8.2
10 Tons	CK-602 Extra	190	90/210	82	15	7	24	6.55	7.82
8 Tons	CK-801	300	90/210	82	-	-	-	7.42	8.7
8 Tons	CK-802	245	90/210	82	15	7	24	7.7	9
12 Tons	CK-801 Extra	300	90/210	82	-	-	-	7.42	8.7
12 Tons	CK-802 Extra	245	90/210	82	15	7	24	7.7	9

# CK-803 **8 tons**



## SPECIFICATIONS

Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
					A	B	C		
6 Tons	CK-603	190	90/210	82	15	7	24	8.6	12
10 Tons	CK-603 Extra	190	90/210	82	15	7	24	8.6	12
8 Tons	CK-803	245	90/210	82	15	7	24	9.8	13.5
12 Tons	CK-803 Extra	245	90/210	82	15	7	24	9.8	13.5

**CK-104HB** **15 tons**

**CK-104HA** **15 tons**



**CK-104HA**

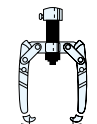
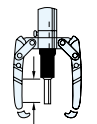
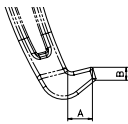
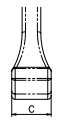
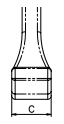


**Dismounting**



**Dismounting**

**SPECIFICATIONS**

Output	Item No.	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)				N.W.	G.W.
				A	B	C		
15 Tons	<b>CK-104H</b>	100/410	82-180	ØM60			14.48	22.9
15 Tons	<b>CK-104HA</b>	100/410	82-180	32	8	26	13.3	21.65
15 Tons	<b>CK-104HB</b>	100/410	82-180	ØM60/32	8	26	16.85	25.2

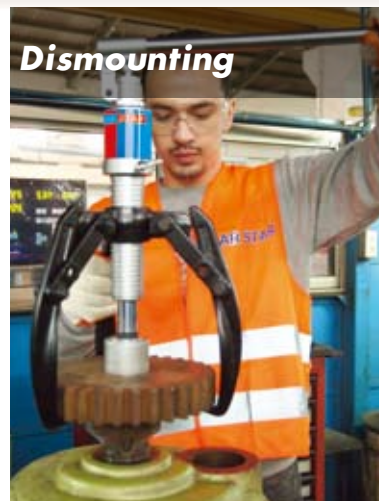
**CK-12in 25 tons**  
**CK-15in 30 tons**



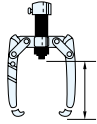
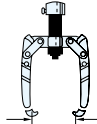
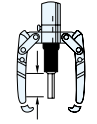
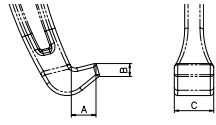
**SPECIFICATIONS**

Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	(mm)	(mm)	(mm)	A	B	C	N.W.	G.W.
10 Tons	CK-6IN Extra	195	30-250/310	82-130	13	5	22	7.4	10.7
10 Tons	CK-6INL Extra	250	30-280/340	82-180	15	8	25	9.9	18.3
12 Tons	CK-8IN Extra	240	30-300-370	82-160	15	8	25	10.6	19
12 Tons	CK-8INL Extra	280	30-330/400	82-240	18	8	29	12.55	23.3
20 Tons	CK-11IN	275	50-360/430	82-180	18	8	29	14	24.65
20 Tons	CK-11INL	330	50-380/450	82-280	28	11	33	16.5	29.3
25 Tons	CK-12IN	315	50-410/480	110-220	28	11	33	21.95	34.8
25 Tons	CK-12INL	380	50-440/540	110-330	30	14	40	26.46	43.8
30 Tons	CK-15IN	405	100-540/610	110-260	30	14	40	35.4	52.65

# CK-11inB **20 tons**



## SPECIFICATIONS

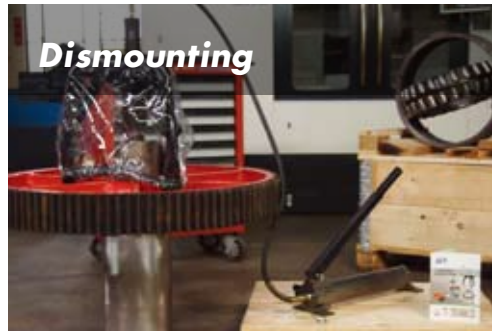
Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
					A	B	C		
10 Tons	CK-6inB Extra	195/250	30-280/340	82-180	13/15	5/8	22/25	10.8	14.1
12 Tons	CK-8inB Extra	240/280	30-330/400	82-240	15/18	8	25/29	15.6	24
20 Tons	CK-11inB	275/330	50-380/450	82-280	18/28	8/11	29/33	22.15	32.8
25 Tons	CK-12inB	315/380	50-440/540	110-330	28/30	8/11	33/40	33.66	64.35

- CK-6inB Extra (Long & Short Jaw)
- CK-8inB Extra (Long & Short Jaw)

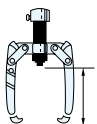
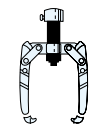
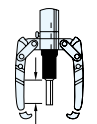
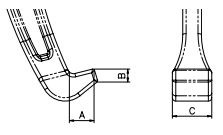
- CK-11inB (Long&Short Jaw)
- CK-12inB (Long & Short Jaw)

# CK-105B 15 tons

## CK-105



### SPECIFICATIONS

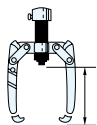
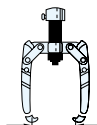
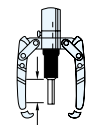
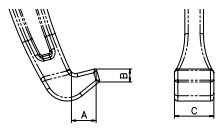
Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
					A	B	C		
15 Tons	CK-105	240	50-280/380	82-180	20	9	30	15.26	26
15 Tons	CK-105B	240/320	50-350/410	82-280	20/28	9/11	30/33	23.4	34.15

• CK-105B (Long & Short Jaw)

# CK-135B 22.5 tons



## SPECIFICATIONS

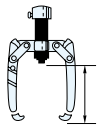
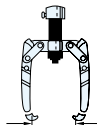
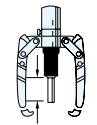
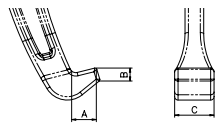
Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
					A	B	C		
15 Tons	CK-105L	320	50-350/410	82-280	28	11	33	19.2	22.15
15 Tons	CK-105 Extra	275	50-360/430	82-180	18	8	29	19.65	30.35
15 Tons	CK-105L Extra	330	50-380/450	82-280	28	11	33	22.45	35.25
15 Tons	CK-105B Extra	275/330	50-380/450	82-280	18/28	8/11	29/33	27.16	37.9
22.5 Tons	CK-135	315	50-410/480	110-220	28	11	33	26.7	39.5
22.5 Tons	CK-135L	380	50-440/540	110-330	30	14	40	31.95	49.25
22.5 Tons	CK-135B	315/380	50-440/540	110-330	28/30	11/14	33/40	38.5	51.25
27.5 Tons	CK-155	405	50-540/610	110-260	30	14	40	36.15	53.5



# CK-25in Extra 50 tons

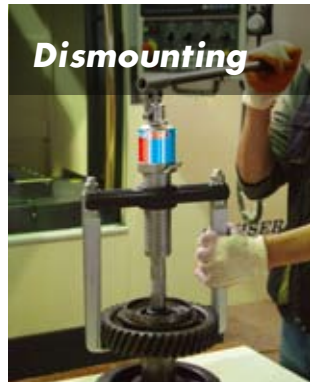


## SPECIFICATIONS

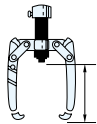
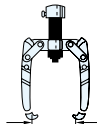
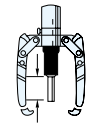
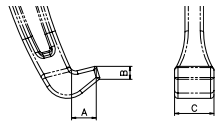
Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
					A	B	C		
50 Tons	<b>CK-25IN Extra</b>	465/635	580-1000	125-425	40	29	48	138.5	167.2
50 Tons	<b>CK-25INS Extra</b>	465	580-750	125-275	40	29	48	94.6	123.3
50 Tons	<b>CK-25INL Extra</b>	635	580-1000	125-425	40	29	48	106.15	133.5

• CK-25in Extra (Long & Short Jaw)

# CK-805 **8 tons**



## SPECIFICATIONS

Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
					A	B	C		
6 Tons	<b>CK-605</b>	190/300	90/210	82	15	7	24	12.55	15.05
10 Tons	<b>CK-605 Extra</b>	190/300	90/210	82	15	7	24	12.45	14.95
8 Tons	<b>CK-805</b>	245/300	90/210	82	15	7	24	13.66	16.16
12 Tons	<b>CK-805 Extra</b>	245/300	90/210	82	15	7	24	13.5	17.95

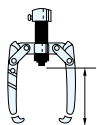
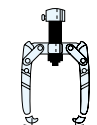
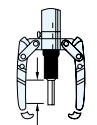
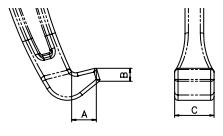
# CK3-11in 20 tons



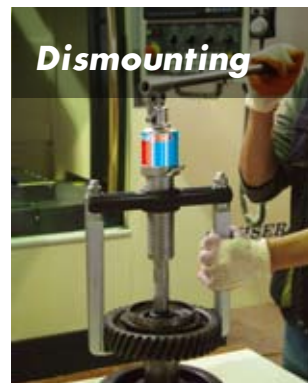
OMAR STAR  
PRO-HYDRO-TOOL



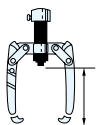
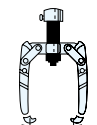
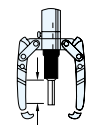
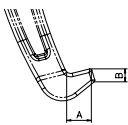
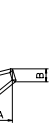
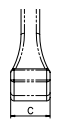
## SPECIFICATIONS

Output	Item No.	Reach	Spread	Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
					A	B	C		
6 Tons	CK3-6IN	165	30-200/260	82-130	15	7	22	8.1	12.75
10 Tons	CK3-6IN Extra	195	30-250/310	82-130	13	5	22	9.65	14.3
8 Tons	CK3-8IN	210	30-300/355	82-160	20	7	26	13.81	18.5
12 Tons	CK3-8IN Extra	240	30-300/370	82-160	15	8	22	18.3	23
15 Tons	CK3-10IN	240	50-280/380	82-180	20	9	30	15.5	20.2
20 Tons	CK3-11IN	275	50-360/430	82-180	18	8	29	19.75	24.45

# CK-1022



## SPECIFICATIONS

Output	Item No.	Reach		Spread		Stroke	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)		 (mm)		 (mm)				N.W.	G.W.
		A	B	C							
8 Tons	<b>CK-8022</b>	165	190/300	30-200/260	90-235	82-130	15	7	22/24	16	20.65
10 Tons	<b>CK-1022</b>	195	190/300	30-250/310	90-235	82-130	13/15	5/7	22/24	17.55	22.2
12 Tons	<b>CK-1222</b>	210	190/300	30-300/355	90-235	82-160	20/15	7	26/24	18.75	23.4
15 Tons	<b>CK-1522</b>	240	190/300	30-300/370	90-235	82-160	15	8/7	29/24	21.3	25.95

# CK8-270A **12 tons**



**CK8-270**



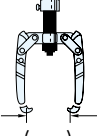
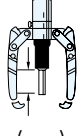
**CK-270AD**



**CK8-270C**



## SPECIFICATIONS

Output	Item No.	Spread	Stroke	Extension Piece(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	Extension Piece			N.W.	G.W.
				A	B	C		
12 Tons	<b>CK8-270</b>	58-270	82	90	160	230	14	30.1
12 Tons	<b>CK8-270A</b>	58-270	82	90	160	230	17.56	33.7
12 Tons	<b>CK8-270AD</b>	58-270	82	90	160	230	20.8	36.95
12 Tons	<b>CK8-270C</b>	58-270	82	90	160	230	16.5	32.6

# CK-270G

# 12 tons

# CK-270H

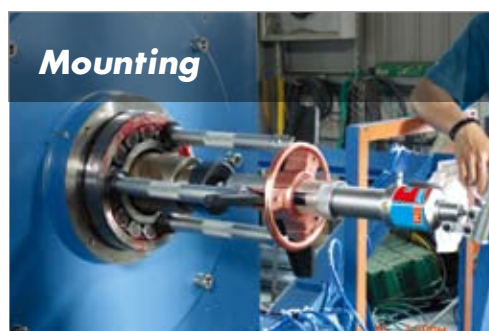
# 12 tons



CK8-270H

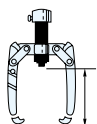
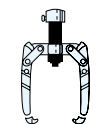
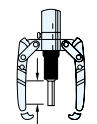


Mounting



Mounting

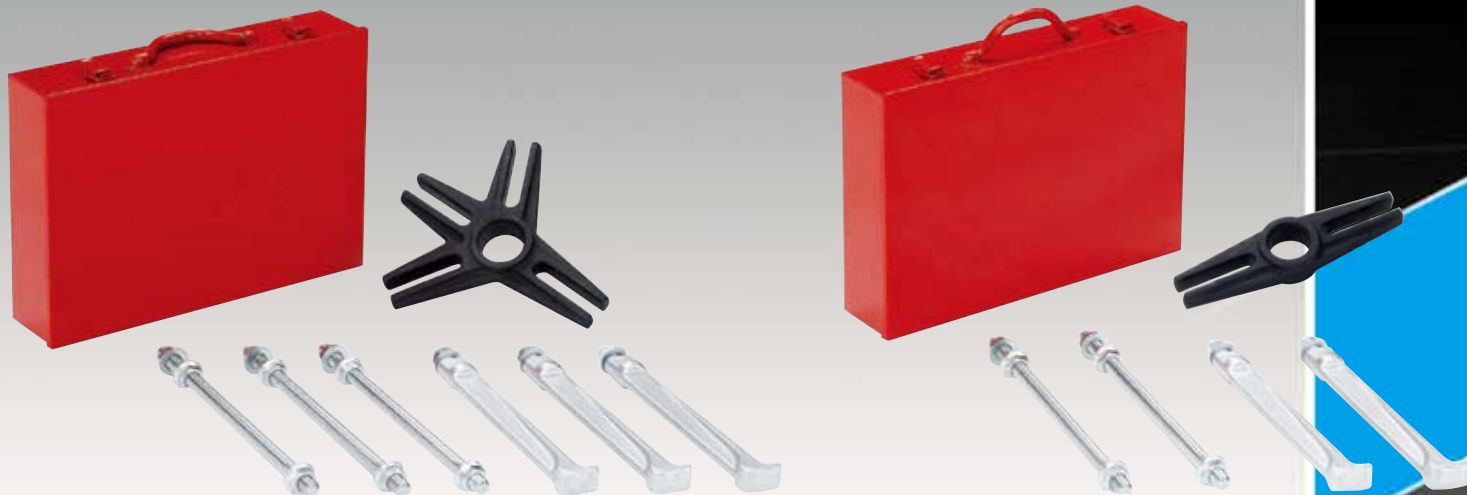
### SPECIFICATIONS

Output	Item No.	Reach	Spread	Stroke	Extension Piece(mm)			Net Weight	Gross Weight
					A	B	C		
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)				N.W.	G.W.
12 Tons	CK8-270G	240	58-270	82	90	160	230	34.4	54.3
12 Tons	CK8-270H	240	58-270	82	90	160	230	33.2	53.05

# CK-99B



## CK-88



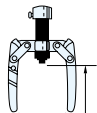
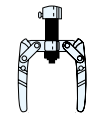
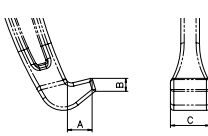
### Optional Accessory



### Optional Accessory



## SPECIFICATIONS

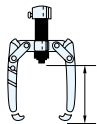
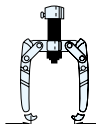
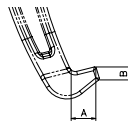
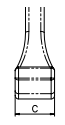
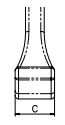
Output	Item No.	Reach	Spread	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)				N.W.	G.W.
				A	B	C		
6/10 Tons	CK-77	190	90/120	15	7	24	5.5	6.8
8/12 Tons	CK-88	245	90/120	15	7	24	4.85	6.12
6/10 Tons	CK-77B	190	90/120	15	7	24	7.5	10.85
8/12 Tons	CK-88B	245	90/120	15	7	24	8.2	11.6

# CK-104

# CK-104A



## SPECIFICATIONS

Output	Item No.	Reach	Spread	Jaw Tip(mm)			Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)				N.W.	G.W.
				A	B	C		
15 Tons	CK-104		100-410	ØM60			10.42	10.92
15 Tons	CK-104A		100-410	32	8	26	9.2	9.7
15 Tons	CK-104B	150/205	100-410	ØM60/32	8	26	12.8	13.2



# Mechanical

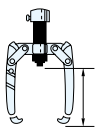
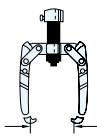
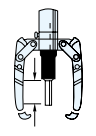


**Dismounting**



**Dismounting**

## SPECIFICATIONS

Output	Item No.	Reach	Spread	Stroke	Spindle	Net Weight	Gross Weight
Ton Max.	Item No.	 (mm)	 (mm)	 (mm)	Thread	N.W.	G.W.
3/5 Tons	<b>PK-130</b>	40	130	105	M14X1.5	1.95	2.15
5/8 Tons	<b>PK-230</b>	50	230	150	M22X2.0	4.7	5.26
5/10 Tons	<b>PK-295</b>	120	295	230	M22X2.0	5.95	6.75

# CK-130



## SPECIFICATIONS

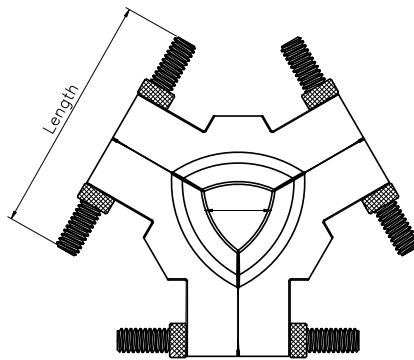
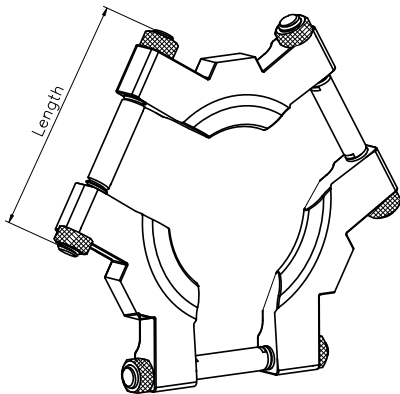
Output	Item No.	Reach	Spread	Stroke	Extension Piece(mm)			Net Weight	Gross Weight
Ton	Item No.	 (mm)	 (mm)	 (mm)	 <div style="display: flex; justify-content: space-around;"> <span>A</span> <span>B</span> <span>C</span> </div>			N.W.	G.W.
5 Tons	<b>CK-130</b>	36-130		180	90	160	230	7	10.3

# K3 Series



OMAR STAR  
PRO-HYDRO-TOOL

## DIMENSIONS



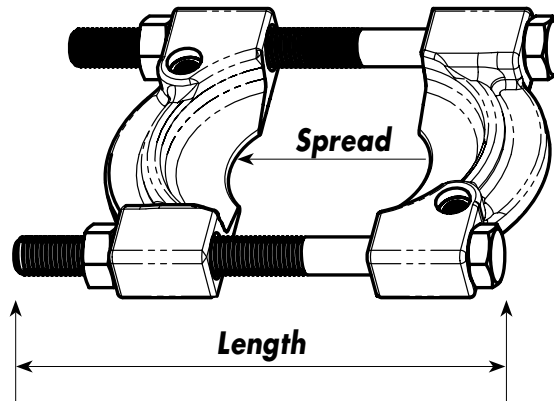
## SPECIFICATIONS

Item No.	Spread	Length	ØT/mm	Applicable Product	Net Weight	Gross Weight
Item No.	Spread	Length	ØT/mm	Applicable Product	N.W.	G.W.
<b>K3-50</b>	12-50	88	M10	PK-130	0.43	0.5
<b>K3-100</b>	26-100	154	M16	PK-130, PK-230, PK-295, 4-12TONS	2.27	2.6
<b>K3-160</b>	50-160	228	M22	8-20TONS	6.07	6.6
<b>K3-260</b>	90-260	344	M32	25-40TONS	19.4	30.9
<b>K3-380</b>	140-380	482	M44	25-50TONS	48.21	58.5

# CK-22 Series



## DIMENSIONS



## SPECIFICATIONS

Item No.	Spread	Length	ØM/mm	ØT/mm	Applicable ProductR	Net Weight	Gross Weight
Item No.	Spread	Length	ØM/mm	ØT/mm	Applicable Product	N.W.	G.W.
C22-1	5-60	91	M10X1.0	M12	PK-130	0.6	0.8
C22-2	15-110	153	M14X1.5	M16	PK-130, PK-230, PK-295, 4-12TONS	2.3	2.6
C22-3	15-150	204	M14X1.5	M20	8-20TONS	5.1	5.5
C22-4	20-180	289	M22X2.5	M22	25-40TONS	8.8	9.4
C22-5	25-250	316	M22X2.5	M22	25-50TONS	11.3	12
CK-22	35-170	289	5/8X18	M20	4-15TONS	4.7	4.9

# Flange Spreader



## SPECIFICATIONS

Item No.	Output	Min. Required Access Gap (mm)	Max. Spread	Accessory	Optional Accessory	Net Weight	Gross Weight
CK2-8	8 ton	1.5	25	Blade x 1		6	6.8
CK2-10	10 ton	6	70	Stepped Block x 2 Safety Block x 1	AP-800/API300	8.66	9.1
CK2-15	15 ton	6	70	Stepped Block x 2 Safety Block x 1		9.6	10



Item No.	Type	Usable Oil Capacity	Rating Pressure Low(Bar)	High(Bar)	Net Weight	Gross Weight
IP-1200	Single Acting, Two Speed	1200	14	700	8.8	9.6
AP-800	Single Acting, Two Speed	700	14	700	5.6	6.4
AP-1300	Single Acting, Two Speed	1300	14	700	5.8	6.6

# CK3-10



## SPECIFICATIONS

Item No.	Output	Min. Required Access Gap (mm)	Max. Spread	Optional Accessory	Net Weight	Gross Weight
CK3-10	12 ton	3	34	AP-800/AP-1300	4.55	4.95
CK3-15	15 ton	3	34		5.85	6.25

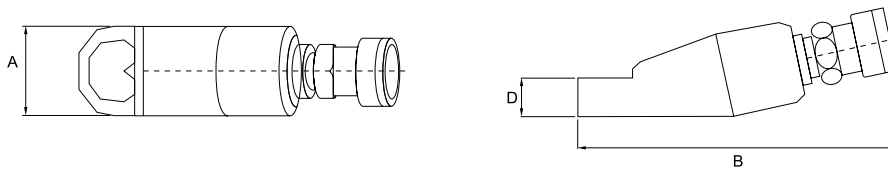


Item No.	Type	Usable Oil Capacity	Rating Pressure Low(Bar)	High(Bar)	Net Weight	Gross Weight
IP-1200	Single Acting, Two Speed	1200	14	700	8.8	9.6
AP-800	Single Acting, Two Speed	700	14	700	5.6	6.4
AP-1300	Single Acting, Two Speed	1300	14	700	5.8	6.6

# Hydraulic Nut Splitter



## DIMENSIONS



## SPECIFICATIONS

Item No.	Capacity at 700 bar	Oil Capacity (CM <sup>3</sup> )	Hexagon Nut Size (mm)	Bolt Range (mm)	Dimensions(mm)			N.W.	Blade No.
					A	B	D		
HNS-1319	5	15	13-19	M6-M12	40	170	48	1.2	1319B
HNS-1924	10	20	19-24	M12-M16	54	191	62	2	1924B
HNS-2432	15	60	24-32	M16-M22	64	222	72	3.2	2432B
HNS-3241	20	80	32-41	M22-M27	75	244	88	4.7	3241B
HNS-4150	35	155	41-50	M27-M33	94	288	105	8.5	4150B
HNS-5060	50	240	50-60	M33-M39	106	318	128	12.5	5060B



Item No.	Type	Usable Oil Capacity	Rating Pressure Low(Bar)	High(Bar)	Net Weight	Gross Weight
IP-1200	Single Acting, Two Speed	1200	14	700	8.8	9.6
AP-800	Single Acting, Two Speed	700	14	700	5.6	6.4
AP-1300	Single Acting, Two Speed	1300	14	700	5.8	6.6

# Impact Fitting Tool Kit

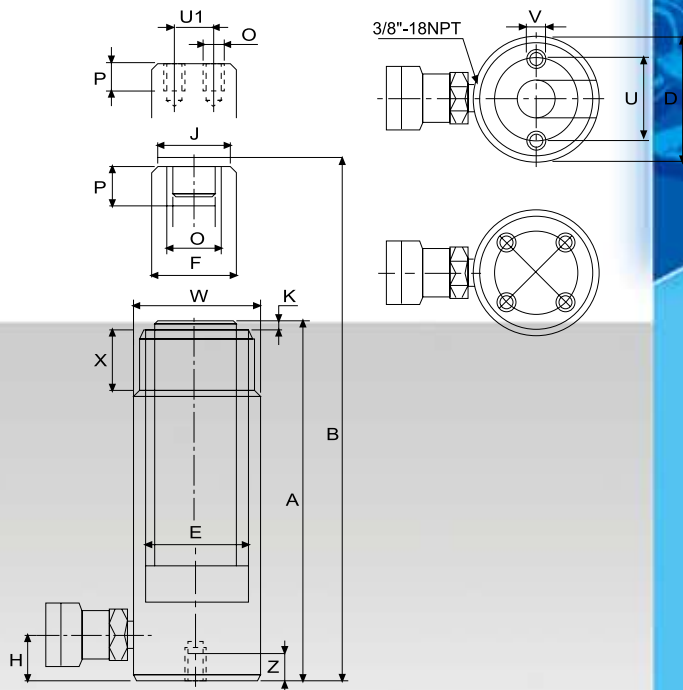


bearing series												
		60.. 62.. 63.. 64.. 63/.. 98/..	622.. 623.. 630..	12.. 22.. 13.. 23..	72.. 73..	32.. 52.. 33.. 53..	213.. 222.. 223..	10.. 3.. 22.. 23..	30.. 31.. 32.. 33..	C22.. C40..	42.. 43..	
Sleeve	Rings											
<b>A</b> FT 33 FT 39	10 / 26	629 16100 6000 6200	63000	129								
	10 / 30		62200	1200 2200	7200	3200 5200					4200	
	10 / 35	6300	62300									
	12 / 28	6001 16101 6201	63001									
	12 / 32		62201	1201	7201	3201 5201					4201	
	12 / 37	6301	62301	1201 2201 1301 2301							4301	
	15 / 32	16002 6002	63002									
	15 / 35	6202	62202	1202 2202	7202	3202 5202		202			4202	
	15 / 42	6302	62302	1302 2302	7302	3302 5302			30302		4302	
	17 / 35	16003 6003	63003									
17 / 40	98203 6203	62203	1203 2203	7203	3203 5203		203 2203 303	30203		4203		
17 / 47	6303	62303	1303 2303	7303	3303 5303			30303 32303		4303		
<b>B</b> FT 33 FT 39	20 / 42	16004 98204 6004 6204	63004						32004			
	20 / 47		62204	1204 2204	7204	3204 5204		204 2204	30204		4204	
	20 / 52	6304	62304	1304 2304	7304	3304 5304	22205/20	304 2304 1005	30304 32304 32005		4304	
	25 / 47	16005 6005	63005									
	25 / 52	62/22 98205 6205	62205	1205 2205	7205	3205 5205	22205	205 2205	30205 32205 33205	C 2205	4205	
	25 / 62	63/22 6305 6403	62305	1305 2305	7305 7202	3305 5305	21305	305 2305	30305 31305 32305 32006		4305	
	30 / 55	16006 6006	63006						1006	C 6006		
	30 / 62	98206 6206	62206	1206 2206	7206	3206 5206	22206 B52-2206	206 2206	30206 32206 33206	C 2206	4206	
	30 / 72	63/28 6306 6404	62306	1306 2306	7306	3306 5306	21306 2306	306	30306 31306 32306		4306	
	<b>C</b> FT 33 FT 39	35 / 62	16007 6007	63007					1007	32007		
35 / 72		6207	62207	1207 2207	7207	3207 5207	22207 B52-2207	207 2207	30207 32207 33207	C 2207	4207	
35 / 80		6307 6405	62307	1307 2307	7307	3307 5307	21307	307 2307	30307 31307 32307		4307	
40 / 68		16008 6008	63008						1008			
40 / 80		6208	62208	1208 2208	7208	3208 5208	22208 B52-2208	208 2208	30208/38 32208 33208	C 2208	4208	
40 / 90		6308 6406	62308	1308 2308	7308	3308 5308	21308 22308	308 2308	30308/37 31308 32308 32009		4308	
45 / 75		16009 6009							1009			
45 / 85		6209	62209	1209 2209	7209	3209 5209	22209 B52-2209	209 2209	30209 32209 33209	C 2209	4209	
45 / 100		6309 6407	62309	1309 2309	7309	3309 5309	21309 22309	309 2309	30309 31309 32309		4309	
50 / 80		16010 6010	63010						1010	C 4010		
50 / 90	6210	62210	1210 2210	7210	3210 5210	22210 B52-2210	210 2210	JLM104948 30210 32210 33210	C 2210	4210		
50 / 110	6310 6408	62310	1310 2310	7310	3310 5310	21310 22310	310 2310	JMA205149 30310 31310 32310		4310		
<b>D</b> FT 39	55/90	16011 6011							1011			
	55/100	6211	62211	1211 2211	7211	3211 5211	22211 B52-2211	211 2211	30211 32211 33211	C 2211	4211	
	55/120	6311 6409	62311	1311 2311	7311	3311 5311	21311 22311	311 2311	30311 31311 32311		4311	
	60/95	16012							1012			
	60/110	6212	62212	1212 2212	7212	3212	22212 B52-2212	212 2212	30212 32212 33212		4212	
	60/130	6312 6410 6411	62213	3312	7312	3312		312 2212 312 1312 2312	30312 31312 32312		4312	



# Cylinders

- 5-100 Ton Single-Acting, General cylinder
- High quality cylinder for lifting and pressing
- Easy fixing
- Corrosion resistance coating

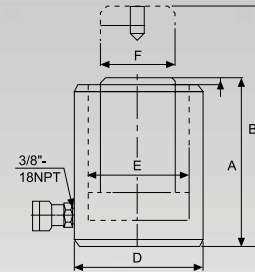
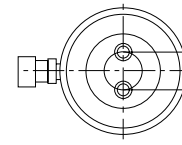


## SPECIFICATIONS

SF No.	Cylinder Capacity TON	Max. Cylinder Capacity (kN)	Stroke (mm)	Cylinder Effective Area (cm <sup>2</sup> )	Dimensions (mm)			Cylinder Bore Dia. (mm) E	Plunger Dia. (mm) F	Cyl. Bas. To Adv. Port (mm) H	Saddle Dia. (mm) J	Saddle height (mm) K	Plunge Int. Thread & Length (in) O	Plunge Int. Thread & Length (mm) P	Base Mounting Holes			Collar Thread (mm) W	Collar Thread Length (mm) W	Weight (kg)
					A	B	C								Bolt Circle (mm) U	Thread (in) V	Thd. Depth (mm) Z			
HC5-25	5(44.8)	25	6.5	16	110	135	38	28.7	25.4	19	25	6	3/4"-16	14	25	1/4"-20un	14	1 1/2"-16	28	1
HC5-76	5(44.8)	76	6.5	50	165	241	38	28.7	25.4	19	25	6	3/4"-16	14	25	1/4"-20un	14	1 1/2"-16	28	1.5
HC5-127	5(44.8)	127	6.5	83	215	342	38	28.7	25.4	19	25	6	3/4"-16	14	25	1/4"-20un	14	1 1/2"-16	28	1.8
HC5-178	5(44.8)	177	6.5	115	273	450	38	28.7	25.4	19	25	6	3/4"-16	16	25	1/4"-20un	14	1 1/2"-16	28	2.4
HC5-232	5(44.8)	232	6.5	151	323	555	38	28.7	25.4	19	25	6	3/4"-16	16	25	1/4"-20un	14	1 1/2"-16	28	2.8
HC10-54	10(101.7)	54	14.5	78	121	175	57	42.9	38.1	19	35	6	1"-8	19	39	5/16"-18un	12.7	2 1/4"-14	26	2.3
HC10-105	10(101.7)	105	14.5	152	171	276	57	42.9	38.1	19	35	6	1"-8	19	39	5/16"-18un	12.7	2 1/4"-14	26	3.3
HC10-156	10(101.7)	156	14.5	226	247	403	57	42.9	38.1	19	35	6	1"-8	19	39	5/16"-18un	12.7	2 1/4"-14	26	4.4
HC10-203	10(101.7)	203	14.5	294	298	501	57	42.9	38.1	19	35	6	1"-8	19	39	5/16"-18un	12.7	2 1/4"-14	26	5.4
HC10-257	10(101.7)	257	14.5	373	349	606	57	42.9	38.1	19	35	6	1"-8	19	39	5/16"-18un	12.7	2 1/4"-14	26	6.4
HC10-305	10(101.7)	304	14.5	441	400	704	57	42.9	38.1	19	35	6	1"-8	19	39	5/16"-18un	12.7	2 1/4"-14	26	6.8
HC10-356	10(101.7)	356	14.5	516	450	806	57	42.9	38.1	19	35	6	1"-8	19	39	5/16"-18un	12.7	2 1/4"-14	26	8.2
HC15-51	15(142)	51	20.3	104	149	200	69	50.8	41.4	19	38	9	1"-8	25	47	3/8"-16un	12.7	2 3/4"-16	30	3.3
HC15-101	15(142)	101	20.3	205	200	301	69	50.8	41.4	19	38	9	1"-8	25	47	3/8"-16un	12.7	2 3/4"-16	30	4.1
HC15-152	15(142)	152	20.3	308	271	423	69	50.8	41.4	19	38	9	1"-8	25	47	3/8"-16un	12.7	2 3/4"-16	30	5
HC15-203	15(142)	203	20.3	411	322	525	69	50.8	41.4	19	38	9	1"-8	25	47	3/8"-16un	12.7	2 3/4"-16	30	6.6
HC15-254	15(142)	254	20.3	516	373	627	69	50.8	41.4	19	38	9	1"-8	25	47	3/8"-16un	12.7	2 3/4"-16	30	9.5
HC15-305	15(142)	305	20.3	619	423	728	69	50.8	41.4	19	38	9	1"-8	25	47	3/8"-16un	12.7	2 3/4"-16	30	10.8
HC15-356	15(142)	356	20.3	723	474	830	69	50.8	41.4	19	38	9	1"-8	25	47	3/8"-16un	12.7	2 3/4"-16	30	11.8
HC25-50	25(232)	50	33.2	166	165	215	85	65	57.2	25	50	10	1 1/2"-16	25	58	1/2"-13un	19	3 5/16"-12	49	6.4
HC25-102	25(232)	102	33.2	339	215	317	85	65	57.2	25	50	10	1 1/2"-16	25	58	1/2"-13un	19	3 5/16"-12	49	8.2
HC25-159	25(232)	158	33.2	525	273	431	85	65	57.2	25	50	10	1 1/2"-16	25	58	1/2"-13un	19	3 5/16"-12	49	10
HC25-210	25(232)	210	33.2	697	323	533	85	65	57.2	25	50	10	1 1/2"-16	25	58	1/2"-13un	19	3 5/16"-12	49	12.2
HC25-260	25(232)	261	33.2	867	374	635	85	65	57.2	25	50	10	1 1/2"-16	25	58	1/2"-13un	19	3 5/16"-12	49	14.1
HC25-310	25(232)	311	33.2	1033	425	736	85	65	57.2	25	50	10	1 1/2"-16	25	58	1/2"-13un	19	3 5/16"-12	49	16.3
HC25-360	25(232)	362	33.2	1202	476	838	85	65	57.2	25	50	10	1 1/2"-16	25	58	1/2"-13un	19	3 5/16"-12	49	17.7
HC30-209	30(295)	209	42.1	880	387	596	101	73.2	73.2	57	50	10	1 1/2"-16	25	NIL	NIL	NIL	3 5/16"-12	49	18.1
HC50-51	50(498)	51	71.2	362	176	227	127	96.2	79.5	33	71	2	NIL	NIL	95	1/2"-13un	19	5"-12	55	15
HC50-102	50(498)	101	71.2	719	227	328	127	95.2	79.5	33	71	2	NIL	NIL	95	1/2"-13un	19	5"-12	55	19.1
HC50-159	50(498)	159	71.2	1131	282	441	127	95.2	79.5	33	71	2	NIL	NIL	95	1/2"-13un	19	5"-12	55	23.1
HC100-168	100(929)	168	133.3	2239	357	525	177	130.3	104.9	41	71	2	NIL	NIL	139	3/4"-10un	25	5"-7/8-12	44	59

# Cylinders

- 5-150 Ton Single-Acting, Super thin Cylinder
- Extra thin design for use in confined area
- Easy mounting and fixing
- Corrosion resistance coating
- Coupling and dust cap included
- Top quality steel plungers.
- \* means with carry handle

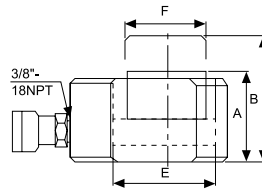
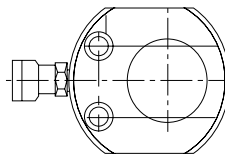


## SPECIFICATIONS

Item No.	Capacity TON(kN)	Stroke (mm)	Cylinder Effective (cm <sup>2</sup> )	Oil Cap. (cm <sup>3</sup> )	Collapsed Height A (mm)	Ext. Height B (mm)	Outside Diameter C (mm)	Cylinder Bore Dia E (mm)	Plunger Dia F (mm)	Plunger Protrusion from K (mm)	Plunger to Base L (mm)	Plunger to M (mm)	Base Mounting Holes				Weight (kg)
													Hole Pitch U (mm)	Hole Dia V (mm)	Counter Bore Dia (mm)	Counter Bore (mm)	
HC5-6.4	5(45)	6.4	6.5	4	32	38	58x41	28.7	25.4	10	20.5	22.3	28.4	5.0	8.0	4.3	1.0
HC10-11	10(101)	12	14.5	18	43	54	82x55	42.9	38.1	10	27.7	34.0	36.5	7.0	10.7	7.8	1.4
HC20-11	20(201)	11	28.7	32	51	62	101x76	60.5	50.8	10	39.6	39.6	49.2	10.1	15.015.0	10.0	3.1
HC30-13	30(295)	13	42.1	55	58	71	117x95	73.2	63.4	10	47.7	44.4	52.3	10.1	15.8	11.0	4.5
HC30-15	50(495)	16	62.1	99	66	82	139x114	88.9	69.8	2.0	57.1	54.1	66.5	11.911.9	19.019.0	12.7	6.8
HC100-16	75(718)	16	102.6	164	79	95	165x139	114.3	82.6	2.0	69.8	66.8	76.2	13.4	20.6	14.2	11.3
*HC100-16	100(929)	16	126.7	203	85	101	177x152	127.0	92.2	2.0	76.2	74.6	76.2	13.4	20.6	14.2	14.5
*HC150-16	150(1390)	16	198.1	317	100	116	215x190	158.8	114.3	2.0	95.2	62.5	117.3	13.4	20.6	14.2	26.3

## 5-100 Ton Single-Acting, Short cylinder

\* means with carry handle

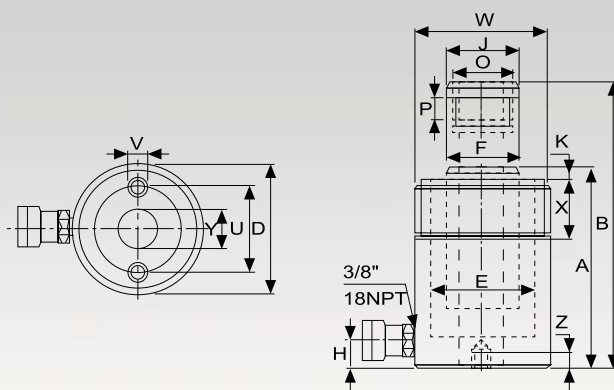


## SPECIFICATIONS

Item No.	Capacity TON(kN)	Stroke (mm)	Cylinder Effective (cm <sup>2</sup> )	Oil Cap. (cm <sup>3</sup> )	Collapsed Height A (mm)	Ext. Height B (mm)	Outside Diameter C (mm)	Cylinder Bore Dia E (mm)	Plunger Dia F (mm)	WEIGHT (kg)
HC-10-38	10(101)	38	14.5	55	88	126	69	42.9	38.1	4.1
HC-20-44	20(201)	44	28.7	129	98	143	92	60.5	50.8	5.0
HC30-62	30(295)	62	42.1	261	117	179	101	73.2	66.5	6.8
HC45-60	50(495)	60	62.1	373	122	182	124	88.9	69.8	10.9
*HC100-57	100(929)	57	126.7	722	141	198	165	127.0	92.2	22.7

# Cylinders

• 12~60 Ton Single-Acting, Hollow Cylinder



## SPECIFICATIONS

Item No.	Cylinder Capacity TON (kN)	Stroke (mm)	Cylinder Effective Area (cm <sup>2</sup> )	Oil Capacit. (cm <sup>3</sup> )	Collapsed Height (mm) A	Ext. Height (mm) B	Outside Diameter (mm) D	Cylinder Bore Dia (mm) E	Plunger Dia (mm) F	Center Hole Dia (mm) Y	Plunger Internal Thread O	Plunger Thread length P	Collar Thread W	Collar Thread length (mm) X	Base Mounting Holes			WEIGHT (kg)
															Bolt Circle (mm) U	Thread V	Thd. Depth mm Z	
HC12-8	12 (125)	8	17.9	14	55	63	69	54.1	35.1	19.6	3/4"-16	16	2 3/4" -16un	30	50.8	5/16"-18unc	9	1.5
HC12-42	12 (125)	42	17.9	75	120	162	69	54.1	35.1	19.6	NIL	NIL	2 3/4" -16un	30	NIL	NIL	NIL	2.6
HC12-42	12 (125)	42	17.9	75	120	162	69	54.1	35.1	19.6	3/4"-16	16	2 3/4" -16un	30	NIL	NIL	NIL	2.8
HC12-76	12 (125)	76	17.9	136	184	260	69	54.1	35.1	19.6	NIL	NIL	2 3/4" -16un	30	50.8	5/16"-18unc	12.7	4.4
HC20-51	20 (215)	49	30.7	150	162	211	98	73.1	54.1	26.9	19/16"-16	19	3 7/8"-12	38	82.6	3/8"-16unc	9.4	7.7
HC20-155	20 (215)	155	30.7	476	306	461	98	73.1	54.1	26.9	19/16"-16	19	3 7/8"-12	38	82.6	3/8"-16unc	9.4	14.1
HC30-41	30 (326)	64	46.6	298	178	242	114	88.9	63.5	33.3	113/16"-16	22	4 1/2"-12	42	92.2	3/8"-16unc	14	10.9
HC20-155	30 (326)	155	46.6	722	330	485	114	88.9	63.5	33.3	113/16"-16	22	4 1/2"-12	42	92.2	3/8"-16unc	14	21.6
HC60-76	60 (576)	76	82.3	626	247	323	159	123.9	91.9	53.8	2 3/4"-16	19	6 1/4" -12un	48	130.3	1/2"-13unc	14	28.1
HC60-153	60 (576)	153	82.3	1259	323	476	159	123.9	91.9	53.8	2 3/4"-16	19	6 1/4" -12un	48	130.3	1/2"-13unc	14	35.4
HC100-76	100 (929)	76	133	1011	254	330	212	165.1	127	79.0	4"-16	25	8 3/8"-12un	60	177.8	5/8"-11unc	19	63

# Hand Pump



## SPECIFICATIONS

Item No.	Type	Usable Oil Capacity	Rating Pressure Low(Bar)	High(Bar)	Net Weight	Gross Weight
IP-1200	Single Acting, Two Speed	1200	14	700	8.8	9.6
AP-800	Single Acting, Two Speed	700	14	700	5.6	6.4
AP-1300	Single Acting, Two Speed	1300	14	700	5.8	6.6

# Hydraulic Rescue Tool



## SPECIFICATIONS

Item	Large Spreader
Spreading capacity, t, no less	1,3
Width of spread, mm, no less	310
Dimensions, mm, (B x L x H)	142x356x56
Weight, kg, up to	4



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we make difficult become simple***



***Speed up your maintenance***

**Wherever you're, you'll need it !**



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