

DH SERIES

Single-Acting, Hollow Plunger Cylinders

- Hollow plunger design for pulling and pushing applications such as tensioning of cables or pushing of bearings out from shaft.
- Able to withstands full "dead-end" loads.
- Collar threads features, simplifying fixtures applications. Comes with a cap for better protection.
- Hard chrome plated piston rod and inner cylinder barrel resists wear and corrosion.
- Increased durability with solid steel cylinder body.
- Maximum sized springs speed piston return and increase spring life.
- Stop ring for piston blow-out protection.
- Powder-coated nitride finishing for increased corrosion resistance and antirust features.
- 3/8" NPTF female coupler and dust cap included for all models.
- Also comes in aluminium range.



DH-603



Use in combination with our hydraulic pumps and accessories

Basic system set-up include cylinder, male/female coupler, hose, pressure gauge, gauge accessories and pump.

Please contact DURA JACK office nearest to you for advice and technical assistance in the layout of your ideal.

Handle Type

(S) - Standard equipped
(C) - Customer order



Weldable



Eyebolt

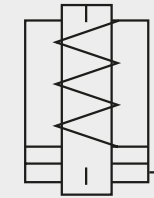


Removable
strap handles



Thread

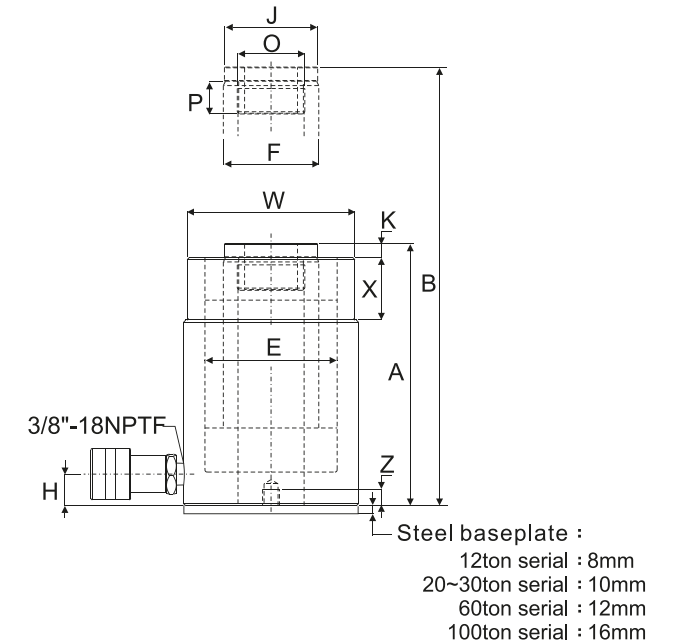
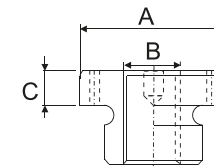
Handle type	Model Number	Cylinder Capacity	Stroke	Cylinder Effective Area	Oil Cap.	Collapsed Height	Ext. Height	Out. Diam.	Cylinder Bore Diam.	Plngr. Diam.
(S)		ton (kN)	(mm)	(cm ²)	(cm ³)	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)
	DH-120	13 (125)	8	17.9	14	55	63	69	54.1	35.1
	DH-121		42	17.9	75	120	162	69	54.1	35.1
	DH-1211		42	17.9	75	120	162	69	54.1	35.1
	DH-123		76	17.9	136	184	260	69	54.1	35.1
W	DH-202	20 (215)	49	30.7	150	162	211	98	73.1	54.1
W	DH-204		102	30.7	311	242	344	98	73.1	54.1
W	DH-206		155	30.7	476	306	461	98	73.1	54.1
W	DH-302		64	46.6	298	178	242	114	88.9	63.5
W	DH-304	30 (326)	102	46.6	473	233	335	114	88.9	63.5
W	DH-306		155	46.6	722	330	485	114	88.9	63.5
R	DH-603		76	82.3	626	247	323	159	123.9	91.9
R	DH-606		153	82.3	1259	323	476	159	123.9	91.9
R	DH-1003	95 (931)	76	133.0	1011	254	330	212	165.1	127.0



Single-Acting

Hollow Plunger Cylinder
Spring return

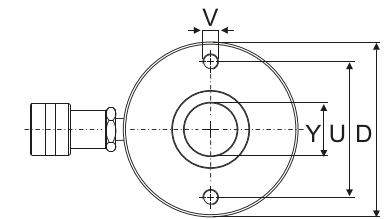
Capacity	13-95 ton
Stroke	8-155 mm
Centre Hole Diameter	19.6-79.0 mm
Maximum Operating Pressure	700 bar



Optional Heat Treated Hollow Saddles

Cylinder Model/Cap. (ton)	Model Number	Saddle Dimensions		
		A (mm)	B (in)	C (mm)
DH-202, 206	DXKHCH-20	53	1"-8	9
DH-302, 306	DXKHCH-30	63	1-1/4"-7	9
DH-603, 606	DXKHCH-60	91	1-5/8"-5-1/2	12
DH-1003	DXKHCH-100	126	2-1/2"-8	13

*Smooth hollow saddles are standard on all DH series.
(12ton models are not equipped with saddles.)



This drawing show the base mounting holes of barrel before setting steel base plate.

Cyl. Base to Adv. Port	Saddle Diam.	Saddle Protr. from Plngr.	Plunger Internal Thread	Plunger Thread Length	Collar Thread	Collar Thread Length	Center Hole Diam.	Base Mounting Holes			Weight (kg)
								Bolt Circle	Thread	Thread Depth	
H (mm)	J (mm)	K (mm)	O (in)	P (mm)	W (in)	X (mm)	Y (mm)	U (mm)	V (in)	Z (mm)	
9	—	—	3/4"-16UN	16	23/4"-16	30	19.6	50.8	5/16"-18UNC	9.0	1.70
19	—	—	—	—	23/4"-16	30	19.6	50.8	5/16"-18UNC	9.0	3.00
19	—	—	3/4"-16UN	16	23/4"-16	30	19.6	50.8	5/16"-18UNC	9.0	3.00
19	—	—	—	—	23/4"-16	30	19.6	50.8	5/16"-18UNC	12.7	4.60
19	54	6.9	1 9/16"-16UN	19	3 7/8"-12	38	26.9	82.6	3/8"-16UNC	9.4	8.20
19	54	6.9	1 9/16"-16UN	19	3 7/8"-12	38	26.9	82.6	3/8"-16UNC	9.4	10.50
19	54	6.9	1 9/16"-16UN	19	3 7/8"-12	38	26.9	82.6	3/8"-16UNC	9.4	14.60
22	63	9.7	1 13/16"-16UN	22	4 1/2"-12	42	33.3	92.2	3/8"-16UNC	14.0	11.55
22	63	9.7	1 13/16"-16UN	22	4 1/2"-12	42	33.3	92.2	3/8"-16UNC	14.0	14.75
25	63	9.7	1 13/16"-16UN	22	4 1/2"-12	42	33.3	92.2	3/8"-16UNC	14.0	22.45
31	91	12.7	2 3/4"-16UN	19	6 1/4"-12	48	53.8	130.3	1/2"-13UNC	14.0	29.70
31	91	12.7	2 3/4"-16UN	19	6 1/4"-12	48	53.8	130.3	1/2"-13UNC	14.0	37.00
38	126	12.7	4"-16UN	25	8 3/8"-12	60	79.0	177.8	5/8"-11UNC	19.0	66.60