



EDH-SERIES DOUBLE ACTING, HOLLOW CENTER CYLINDERS

Features

- ◆ Hollow piston design allow for both pulling and pushing actions.
- Complies with ASME B30.1. High strength steel for durability and increased safety.
- Double acting operation for fast piston retraction.
- Built-in safety valve prevents accidental over-pressurization.
- ◆ High quality EAB-201 quick couplers.
- ♦ Collar and piston threads for easy fixturing.
- Environmentally friendly painting process provides a durable corrosion resistant finish.

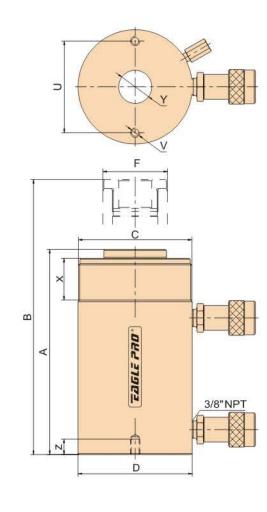
Shown from left to right: EDH-3010, EDH-603, EDH-6010

Optional Heat Treated Hollow Saddles

		Saddle Dimensions							
Cylinder Model Number	Saddle Model Number	A	B	С	D				
		in	mm	in	mm				
EDH-307,3010	SH-3015	2.48	1 1/4"-7UN	0.35	1 13/16"-16UN				
EDH-603, 606, 6010	SH-5016	3.58	1 5/8"-5 1/2UN	0.47	2 3/4"-16UN				
EDH-1001, 1003,1006,10010	SH-10016	4.96	2 1/2"-8UN	0.51	4"-16UN	D D			



Cylinder Capacity @ 700 Bar	Stroke	Model	Max.C Cap		Cylinder Effective Area		
(10,000 PSI)		Iviodei	Advance	Retract	Advance	Retract	
Metric Ton(US Ton)	in		ton	ton	in ²	in ²	
30 (33)	7.01	EDH-307	32.8	22.3	7.39	e Area Retrac	
30 (33)	10.16	EDH-3010	32.8	22.3	7.39	5.02	
	3.50	EDH-603	60	38.7	13.56	8.71	
60 (66)	6.54	EDH-606	60	38.7	13.56	8.71	
	10.12	EDH-6010	60	38.7	13.56	8.71	
	1.50	EDH-1001	93	60	20.97	13.50	
05 (404 5)	3.00	EDH-1003	93	60	20.97	13.50	
95 (104.5)	6.02	EDH-1006	93	60	20.97	13.50	
	10.12	EDH-10010	93	60	20.97	13.50	
150 (159.5)	8.00	EDH-1508	135.4	70.2	30.54	15.81	



2. Safe overload. 3. Hard reduces we 4. All ste 5. Indus wear from c 6. Indus 7. Stand dust cover.

Oil Capacity		Collapsed				Outside Diameter	Piston Rod Diam.	Base Fix Holes			Center Hole	Î		
		Height						Bolt Circle Thread		Thread Depth	Diameter	Weight	Model	
Advance	Retract	A	В	С	Х	D	F	U	V	Z	Y	lbs	Moder	
in ³	in ³	in	in	in	in	in	in	in	in	in	in			
51.79	35.20	12.99	20.00	41/2"-12UN	1.65	4.53	2.56	3.63	3/8"-16 UNC	0.61	1.31	40.26	EDH-307	
75.07	51.00	16.97	27.13	4 1/2"-12 UN	1.65	4.53	2.56	3.63	3/8"-16 UNC	0.61	1.31	53.9	EDH-3010	
47.50	29.34	9.69	13.19	6 1/4"-12 UNC	1.89	6.26	3.62	5.13	1/2"-13 UNC	0.55	2.12	59.84	EDH-603	
88.60	54.35	12.72	19.25	6 1/4"-12 UNC	1.89	6.26	3.62	5.13	1/2"-13 UNC	0.55	2.12	75.24	EDH-606	
137.17	84.67	17.24	27.36	6 1/4"-12 UNC	1.89	6.26	3.62	5.13	1/2"-13 UNC	0.55	2.12	103.4	EDH-6010	
31.36	20.19	6.50	7.99		-	8.35	5.00	7.00	5/8"-11 UNC	0.79	3.11	81.4	EDH-1001	
62.73	40.38	10.00	12.99	83/8"-12UN	2.36	8.35	5.00	7.00	5/8"-11 UNC	0.79	3.11	122.1	EDH-1003	
126.28	81.31	13.46	19.49	83/8"-12UN	2.36	8.35	5.00	7.00	5/8"-11 UNC	0.79	3.11	156.2	EDH-1006	
212.11	136.58	18.11	28.23	83/8"-12UN	2.36	8.35	5.00	7.00	5/8"-11 UNC	0.79	3.11	203.5	EDH-10010	
243.95	126.51	13.74	21.73		-	9.72	5.91	ŧ	_	-	3.12	226.6	EDH-1508	





1. Steel guide ring eliminates over travel, and also provides support to reduce wear from off center loads.

2. Safety valve automatic release the pressure to avoid erload.

3. Hardened and chromed piston increase durability and reduces wear.

4. All steel body with baked enamel finish for durability.

5. Industrial bearing ring provides additional support to reduce wear from off center loads.

6. Industrial seal ring assembly prevent costly leaks.

7. Standard coupler on all cylinders provided with heavy duty st cover.

