

HOLLOW HOLE SINGLE ACTING CYLINDERS

12-100 TON CAPACITY | 1"-6" STROKE | 10,000 PSI MAX. PRESSURE

FEATURES

- Hollow Hole design allows for both push and pull applications
- Chrome plated piston rod eliminates corrosion and rust
- Dual wiper seals keep out contamination and debris
- Single acting spring load return
- Collar threads for easy fixturing
- 3/8" NPTF female coupler and dust cap on all models



						A	B	C	D	E	F	G	H	I
Rated Cap.	Max. Cap.	Stroke	Model #	Cylinder Effective Area	Oil Capacity	Collapsed Height	Extended Height	Outside Dia.	Cylinder Bore Dia.	Plunger Dia.	Center Hole Dia.	Base to Coupler Port	Saddle Distance above Cyl.	Piston Internal Thread
(tons)	(tons)	(in.)		(in. ²)	(in. ³)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)
12	13.8	1.64	SHS121	2.79	4.61	4.72	6.38	2.72	2.13	1.38	0.77	0.98	—	—
12	13.8	1.64	SHS122	2.79	4.61	4.72	6.38	2.72	2.13	1.38	0.77	0.98	—	3/4"-16
12	13.8	3.00	SHS123	2.79	8.34	7.25	10.25	2.72	2.13	1.38	0.77	0.98	—	—
20	22.5	1.94	SHS202	4.54	8.93	6.13	8.07	3.88	2.87	2.13	1.06	0.75	0.28	1-9/16"-16
20	22.5	6.06	SHS206	4.54	27.68	12.12	18.18	3.88	2.87	2.13	1.06	0.75	0.28	1-9/16"-16
30	37.0	2.51	SHS302	7.39	18.62	7.03	9.54	4.50	3.54	2.48	1.31	0.85	0.39	1-13/16"-16
30	37.0	6.09	SHS306	7.39	45.24	13.00	19.09	4.50	3.54	2.48	1.31	1.00	0.39	1-13/16"-16
60	69.0	3.00	SHS603	13.87	41.49	9.77	12.77	6.25	4.92	3.54	2.12	1.26	0.50	2-3/4"-16
60	69.0	5.90	SHS606	13.87	83.52	12.75	18.65	6.25	4.92	3.54	2.12	1.26	0.50	2-3/4"-16
100	110.0	3.00	SHS1003	22.14	66.23	10.00	13.00	8.39	6.50	4.92	3.11	1.46	0.50	4"-16

CQ38F High Flow Coupler
included on all models



	J	K	L	M	N	O	P	
Model #	Piston Thread Length	Base Mounting Holes			Collar Thread	Collar Thread Length	Saddle Dia.	Weight
		Bolt Circle	Thread	Thread Depth				
	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(lbs.)
SHS121	—	—	—	—	2-3/4"-16	1.18	—	6.39
SHS122	0.63	—	—	—	2-3/4"-16	1.18	—	6.28
SHS123	—	2.00	5/16"-18	0.50	2-3/4"-16	1.18	—	9.04
SHS202	0.75	3.25	3/8"-16	0.39	3-7/8"-12	1.50	2.13	16.87
SHS206	0.75	3.25	3/8"-16	0.39	3-7/8"-12	1.50	2.13	30.2
SHS302	0.87	3.62	3/8"-16	0.55	4-1/2"-12	1.65	2.48	22.93
SHS306	0.87	3.62	3/8"-16	0.55	4-1/2"-12	1.65	2.48	40.9
SHS603	0.87	5.13	1/2"-13	0.55	6-1/4"-12	1.91	3.54	66.14
SHS606	0.87	5.13	1/2"-13	0.55	6-1/4"-12	1.91	3.54	81.66
SHS1003	0.87	7.00	5/8"-11	0.75	8-3/8"-12	2.38	4.92	110.8

