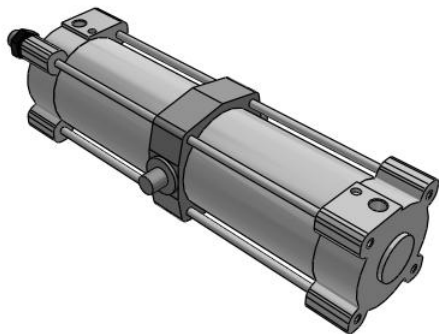




C96S(D) ø125, ISO Cylinder, Double Acting, Single/Double Rod C96ST125-400

Datasheet

- Double acting, standard type, single or double rod
- Bore sizes (mm): 125
- Maximum stroke 2000mm
- Auto switch capable

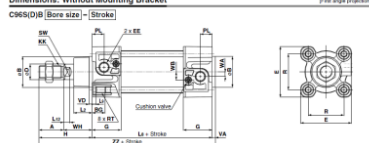
Standard specifications

Magnet	None
Mounting	T (Centre Trunnion)
Bore Size	125mm
Stroke	400
Rod Boot	None
Rod	Single Rod
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m [Or None in the Case of No Switch]
Number	2 pcs. [Or None in the Case of No Switch]
Rod End Options	None
Temperature Resistance	None
Heavy Duty Scraper	None
Tie Rod	None
Fluororubber Seal	None
Made of Stainless Steel (-XC68)	None
Made of Stainless Steel (-XC65)	None
-	Compressed Air
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0.05 MPa
Proof pressure	1.5 MPa

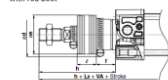
Pneumatic input connection	G 1/2
Pneumatic output connection	G 1/2
Maximum piston speed	700 mm/s
Type of cushioning	Both Ends (Air Cushion)
Piston rod end	Male thread
Male thread of rod end	M27 x 2
Weight	14.750 Kg

Dimensions

Dimensions: Without Mounting Bracket (First angle projection)



With rod boot

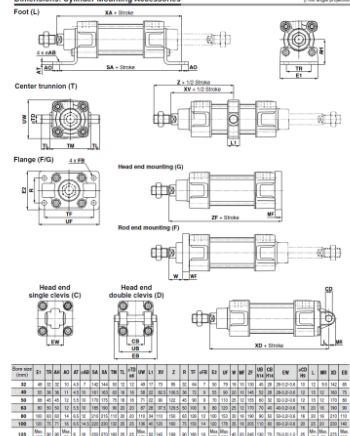


Bore size (mm)	Stroke (mm)	Stroke Regime (mm)																								
		Intermediate stroke (mm)																								
		2015	40	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000
25	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
32	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
40	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
50	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
63	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
80	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
100	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
125	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
160	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
200	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
250	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
315	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
400	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
500	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
630	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
800	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
1000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
1250	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
1600	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
2000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
2500	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
3150	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
4000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
5000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
6300	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
8000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
10000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13

Minimum stroke for each mounting is below. Table 1 (20 to 600 mm), Table 2 (100 to 1250), Table 3 (1250 to 10000)

Bore size (mm)	Stroke (mm)	Stroke Regime (mm)																								
		Intermediate stroke (mm)																								
		2015	40	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000
25	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
32	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
40	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
50	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
63	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
80	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
100	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
125	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
160	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
200	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
250	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
315	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
400	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
500	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
630	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
800	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
1000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
1250	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
1600	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
2000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
2500	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
3150	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
4000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
5000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
6300	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
8000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
10000	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13

Dimensions: Cylinder Mounting Accessories (First angle projection)



Bore size (mm)	Stroke (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
25	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
32	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
40	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
50	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
63	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
80	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
100	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
125	1000	22	50	12	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	

Additional information

Catalogue

[C96-Bb_EU.pdf](#)