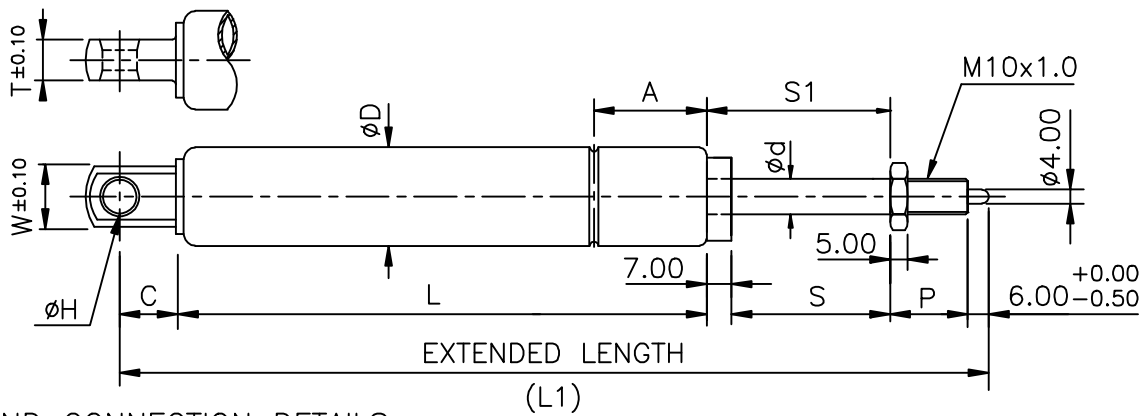


GAS-SPRING DATA SHEET

MODEL : 28.10 AUTO-BLOCK
(RIGID IN EXTENSION)



END CONNECTION DETAILS :

CENTER DISTANCE C	EYELET HOLE øH	EYELET WIDTH W	EYELET THICKNESS T
15.00	8.20 ±0.10	16.00	8.00
16.50	ø10.20 ±0.10	17.00	12.00

AVAILABLE THREADING LENGTH (P) : 16.50 , 22.00 , 28.00

TUBE DIA. øD	ROD DIA. ød	FORCE (F1) N		STROKE (MM)		STD. AVAILABLE STROKE (S) MM		
		MIN.	MAX.	MIN.	MAX.			
ø28.00	ø10.00	120	850	12.00	350.00	17.00	79.00	190.00
						20.50	82.00	250.00
						45.00	120.00	300.00
						53.00	144.00	348.00

FORMULA FOR MINIMUM TUBE LENGTH :

$$A=20 \text{ THEN } L = S + 79 + 0.523 \times S$$

$$A=27 \text{ THEN } L = S + 86 + 0.523 \times S$$

$$A=32 \text{ THEN } L = S + 89 + 0.523 \times S$$

$$\text{EXTENDED LENGTH : } L1 = C + L + S1 + P + 6.00$$

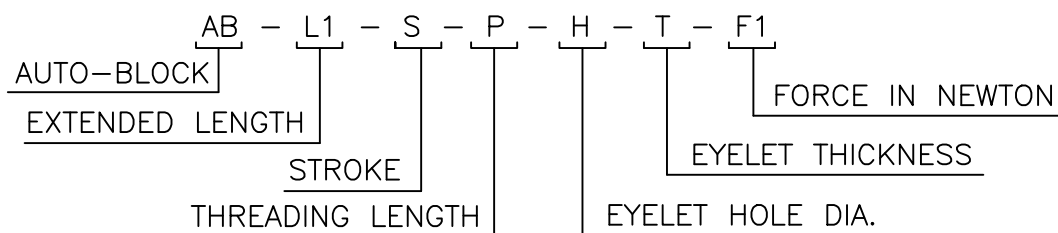
ASSUMPTIONS : A = 20.00 , $\geq 12.00 \leq 100.00$ MM STROKE (S)

A = 27.00 , $> 100.00 \leq 250.00$ MM STROKE (S)

A = 32.00 , $> 250.00 \leq 350.00$ MM STROKE (S)

$$S1 = S + 7.00$$

ORDER CODE



ORDER EXAMPLE : AB - 273 - 53 - 16.5 - 8.15 - 8 - 450N