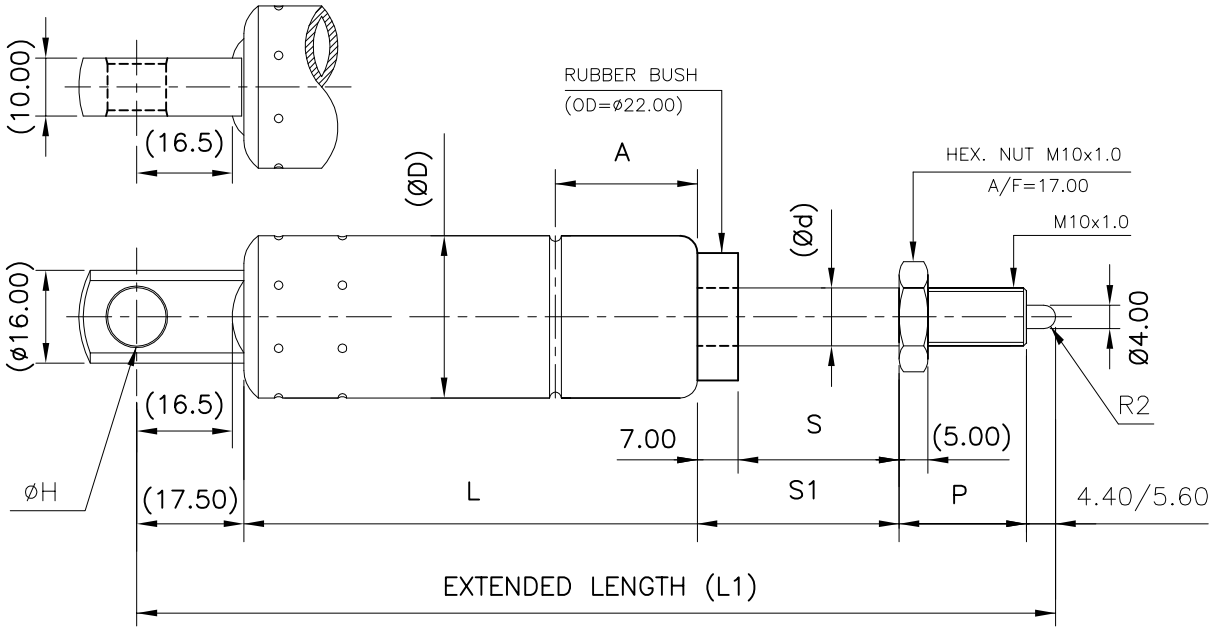
DOC. NO. : DS–07 PAGE NO. : 1 OF 1	GAS-SPRING DATA SHEET MODEL : 28.10 AUTO–BLOCK (RIGID IN EXTENSION)	DATE : 13.04.2024 REV. NO. : 05



øH=ø8.05/ø8.15

øH=ø10.05/ø10.15

AVAILABLE THREADING LENGTH (P) : 16.50, 18.00, 22.00

TUBE DIA. øD	ROD DIA. Ød	FORCE (F1) N		STROKE (MM)		STD. AVAILABLE STROKE (S) MM		
		MIN.	MAX.	MIN.	MAX.			
ø28.00	ø10.00	100	900	12.00	350.00	17.00 20.50 45.00 53.00	79.00 82.00 120.00 130.00	190.00 250.00 300.00 348.00

FORMULA FOR MINIMUM TUBE LENGTH :

A=25 THEN L = S1 + 105

A=28 THEN L = S1 + 3+ 105

A=31 THEN L = S1 + 6 + 105

EXTENDED LENGTH : L1 = L + S1 + P + 5

ASSUMPTIONS : A = 25.00 , $\geq$ 12.00 $\leq$ 100.00 MM STROKE (S)

A = 28.00 , > 100.00 $\leq$ 250.00 MM STROKE (S)

A = 31.00 , > 250.00 $\leq$ 350.00 MM STROKE (S)

S1 = S + 7.00

ORDER CODE

AB – L1 – S – P – H – T – F1

- AB : AUTO–BLOCK
- L1 : EXTENDED LENGTH
- S : STROKE
- P : THREADING LENGTH
- H : EYELET HOLE DIA.
- T : EYELET THICKNESS
- F1 : FORCE IN NEWTON

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