



KNIFE-GATE VALVES

L SERIES

SINGLE-ACTING PNEUMATIC CYLINDER

- The air supply pressure to the pneumatic cylinder is a minimum of 6 Kg/cm² and a maximum of 10 Kg/cm², the air must be dry and lubricated.
- Available for opening or closing in case of air supply failure (spring opening or closing).
- The jacket is made of aluminium, the covers of nodular cast iron or carbon steel, the rod of AISI304, the piston of rubber-coated steel and the O-ring seals of nitrile.
- The **actuator** design is **spring** activated for valves with diameters **up to ND300**. For larger diameters the actuator contains a double-acting cylinder and an air tank which stores the volume of air necessary to perform the last movement in the event of a fault.
- **A = Max. width** of the valve (without actuator).
B = Max. height of the valve (without actuator).
C = maximum length when the gate is centred.
- The weights are approximate and vary according to the material and the valve's accessories.

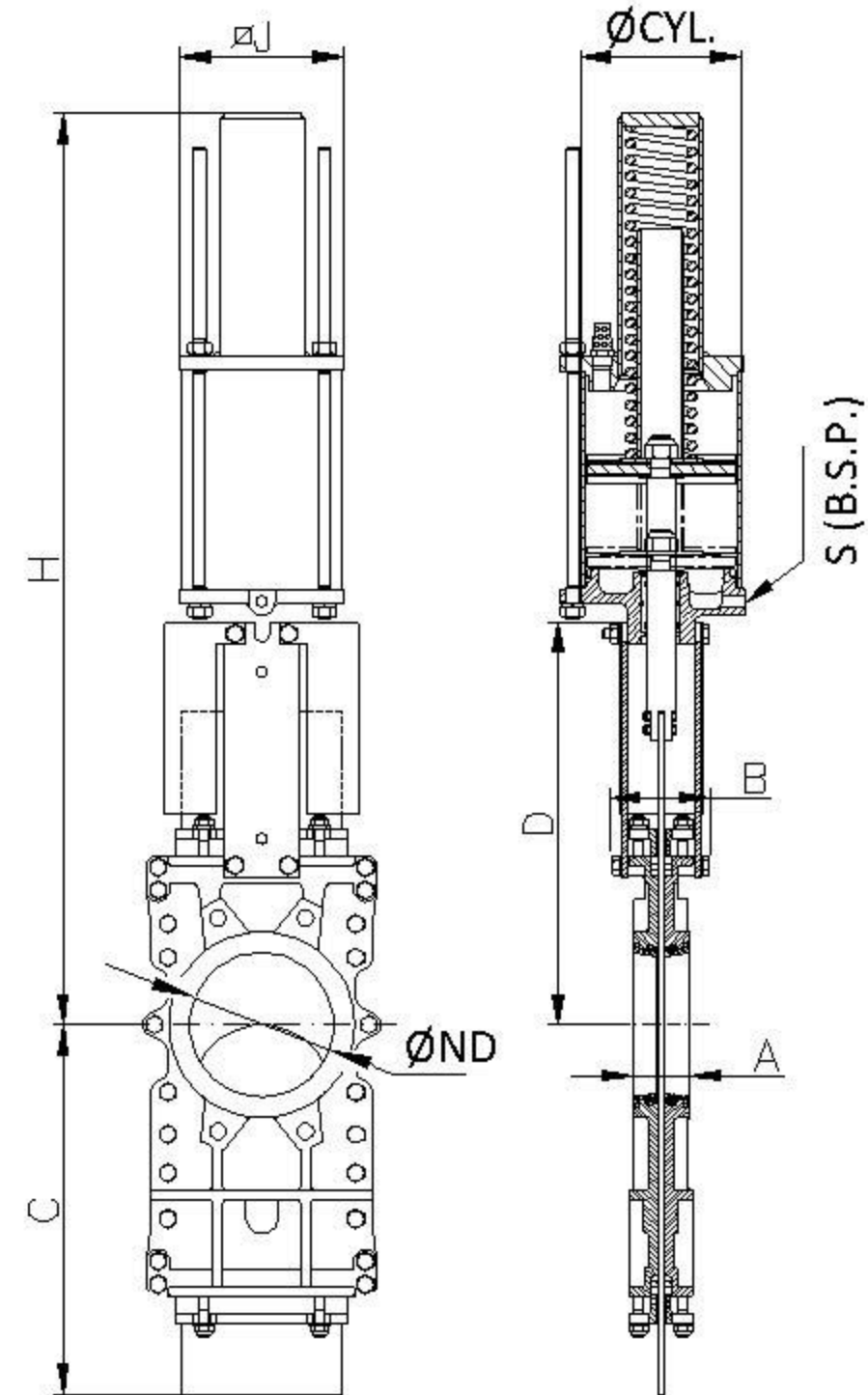


Fig. 16

Note: Please see the "CMO Pneumatic Actuators" catalogue if you require further information.

ND	ΔP (Kg/cm ²)	DRAW (Nw)	A	B	C	D	H	ØJ	Ø CYL.	Ø ROD	S (B.S.P.)	Weight (kg.)
50	10	894	40	91	225	243	781	135	125	25	1/4"	12
65	10	1508	40	91	265	269	806	135	125	25	1/4"	13
80	10	2281	50	91	310	293	833	135	125	25	1/4"	19
100	10	3561	50	91	370	334	873	170	160	25	1/4"	19
125	10	5565	50	101	430	367	909	215	200	30	1/4"	33
150	10	6419	60	101	495	419	960	215	200	30	1/4"	43
200	8	10020	60	118	630	525	1355	270	250	30	3/8"	65
250	6	11230	70	118	770	620	1844	382	300	40	3/8"	104
300	6	16210	70	118	895	704	2005	382	300	40	3/8"	126

table 9