

G1/2 to G2 - 2/2-Way Stop Valves
Series ARKV

Actuation System:

- Pneumatic

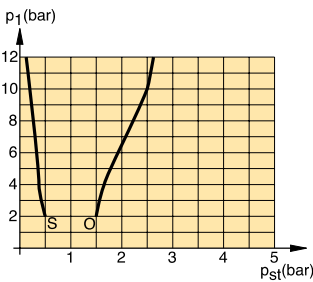


Operating information

Description	2/2 Way Valve	Medium	Compressed air, neutral gases, presswater (for low flow- und valve closingspeed only)
Type	Poppet valve normally closed		
Mounting	Direct in piping	Actuating medium	filtered compressed air
Tube connection	Thread	Pneumatic characteristics	
Port size	G1/2 G3/4 G1 G1 1/2 G2	Nominal pressure	6.3 bar
Weight (mass) Kg	0.745 1.115 1.365 2.695 4.290	Operating pressure range	0 – 10 bar
Installation	In any position	Nominal flow (l/min)	2200 5000 6900 22000 40000
Ambient temperature range	-20 °C to +80 °C	Actuation	
Medium temperature range	0 °C to +80 °C	Pneumatic	Direct

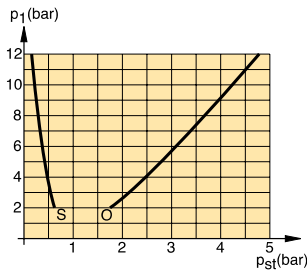
Note:
Please consult us for operating temperatures below 0 °C

Actuating Pressure
– Type: ARKV-15



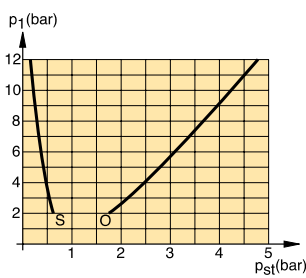
O = $p_{st \min}$ to open
S = $p_{st \max}$ to close

Actuating Pressure
– Type: ARKV-20



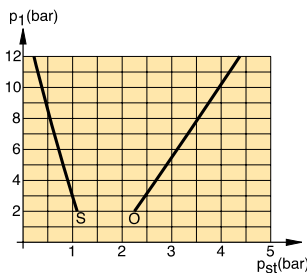
O = $p_{st \min}$ to open
S = $p_{st \max}$ to close

Actuating Pressure
– Type: ARKV-25



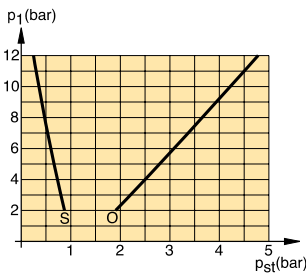
O = $p_{st \min}$ to open
S = $p_{st \max}$ to close

Actuating Pressure
– Type: ARKV-40



O = $p_{st \min}$ to open
S = $p_{st \max}$ to close

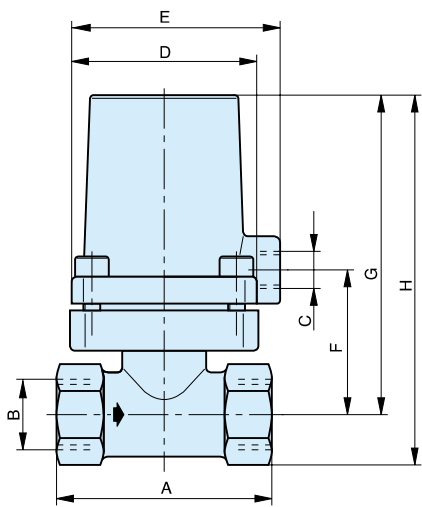
Actuating Pressure
– Type: ARKV-50



O = $p_{st \min}$ to open
S = $p_{st \max}$ to close

Dimensions in mm

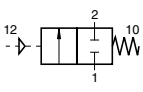
Pneumatically actuated – Type: ARKV-..



Dimensions

Type	A	B	C	D	E	F	G	H
ARKV-15 NC	65	G1/2	G1/8	55	61	41.5	95	109.5
ARKV-20 NC	76	G3/4	G1/4	65	75	50	112	129
ARKV-25 NC	91	G1	G1/4	65	75	57	119	139
ARKV-40 NC	123	G1 1/2	G1/4	110	112	67	137	167.5
ARKV-50 NC	150	G2	G1/4	130	134	75	153	190

Order Instructions

Actuation System	Symbol	Order data	
		Type	Order code
Pneumatic		ARKV-15 NC	PD 07334
		ARKV-20 NC	PD 07580
		ARKV-25 NC	PD 07581
		ARKV-40 NC	PD 07757
		ARKV-50 NC	PD 07765