

# 2/2 Way Stop Valves Series ARKV

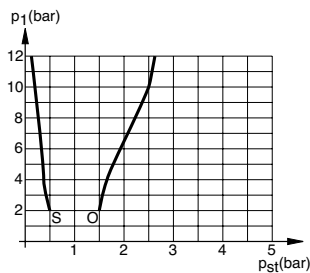
G1/2 to G2

Actuation System:  
- Pneumatic

## Characteristics

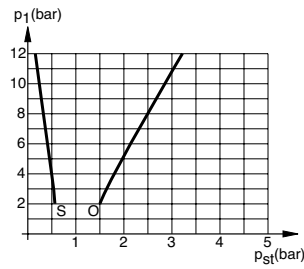
Characteristics	Symbol	Unit	Description				
General Features							
Description	2/2 Way Valve						
Type	Poppet valve normally closed						
Mounting	Direct in piping						
Tube connection	Thread						
Port size			G1/2	G3/4	G1	G1 1/2	G2
Weight (mass)		kg	0.745	1.115	1.365	2.695	4.290
Installation	In any position						
Ambient temperature range	$T_{min/max}$	°C	-20 to +80	Note: Please consult us for operating temperatures below 0° C			
Medium temperature range	$T_{min/max}$	°C	0 to +80				
Medium	Compressed air, neutral gases, presswater (for low flow- und valve closingspeed only)						
Actuating medium	filtered compressed air						
Pneumatic characteristics							
Nominal pressure	$p_n$	bar	6.3				
Operating pressure range	$p_{min/max}$	bar	0 – 10				
Nominal flow	$Q_N$	l/min	2200	5000	6900	22000	40000
Actuation							
Pneumatic	Direct						

### Actuating Pressure – Type: ARKV-15



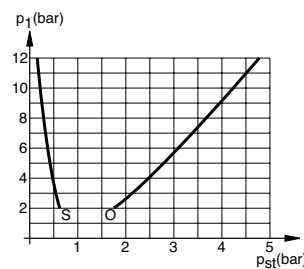
O =  $p_{st\ min}$  to open  
S =  $p_{st\ max}$  to close

### Actuating Pressure – Type: ARKV-20



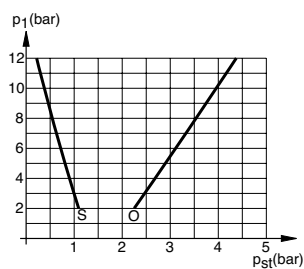
O =  $p_{st\ min}$  to open  
S =  $p_{st\ max}$  to close

### Actuating Pressure – Type: ARKV-25



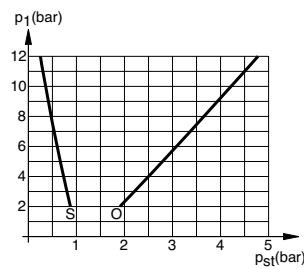
O =  $p_{st\ min}$  to open  
S =  $p_{st\ max}$  to close

### Actuating Pressure – Type: ARKV-40



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

### Actuating Pressure – Type: ARKV-50

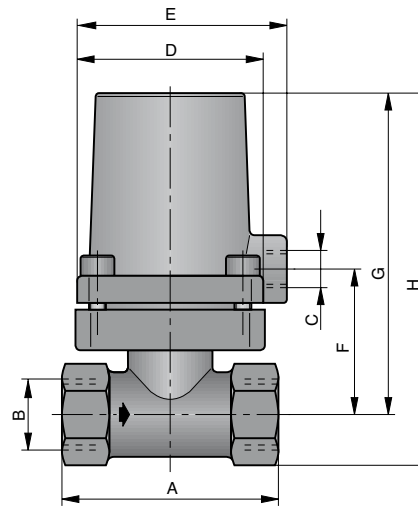


O =  $p_{st\ min}$  to open  
S =  $p_{st\ max}$  to close

Dimensions in mm



Pneumatically actuated – Type: ARKV...



Dimension Table

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 No.
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

Dimensions in mm