



NKD Pneumatic Piston Cut-off Valve

Product overview

Model: NKD Pneumatic Piston Cut-off Valve

Nominal diameter: DN20mm~100mm

Nominal pressure: 10bar / 16bar

Applicable temperature: -40°C~450°C

Flange standard: JIS/PN



NKD Pneumatic Piston Cut-off Valve product description:

NKD Pneumatic Piston Cut-off Valve (referred to as the piston cut-off valve) is the implementation of a pneumatic actuator unit in the instrument cluster. It receives signals from regulating instruments to control the shut-off of fluid in the process piping and to switch the flow path on or off. The product has the advantages of large operating force, novel design of the valve body, small flow resistance, large rated flow coefficient, large allowable pressure difference and excellent sealing performance. Thus widely used in petroleum, chemical, metallurgy, electric power, textile and other industrial sectors of the automatic control and remote control system.

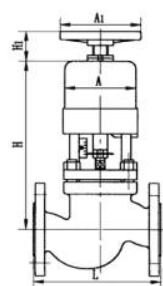
NKD Pneumatic Piston Cut-off Valve product details

ZSQ Pneumatic Piston Cut-off Valve technical Parameters:

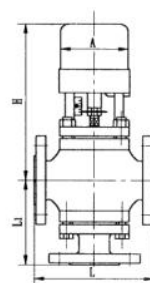
Nominal diameter DN (mm)			20	25	32	40	50	65	80	100
Rated flow coefficient Kv			7	11	20	30	48	75	120	190
Rated travel (mm)			8			12		20		25
Cylinder diameter (mm)			75			100		150		
Allow leakage	Hard seal (1 / h)		Single-seat, three-way: 1.2X10 -7 X valve rated capacity Sleeve: 5X10-6 X valve rated capacity							
	Soft seal		Level VI							
Working temperature (°C)			-20 ~ 200 -40 ~ 450							
Nominal pressure PN (MPa)			1.6 4.0 6.4							
Allow pressure drop (MPa)	ZSQP	Single role	1.16	0.66	0.38	0.6	0.39	0.47	0.31	0.20
		Double role	6.4	5.0	2.8	3.3	2.13	2.71	1.75	1.11
	ZSQM	Single role	Nominal pressure							
		Double role								
	ZSQN	Single role	0.89	0.57	0.35	0.56	0.36	0.45	0.30	0.20
		Double role	5.2	3.22	2.03	2.27	1.46	2.00	1.32	0.85
Signal pressure (kPa)			0 or 400 ~ 60							



Product Dimensions



单座、套筒切断阀



二位三通切断阀

Nominal diameter DN	L	A	H	L 1	H 1	A 1	Weight (Kg)	Signal connector internal thread
20	150	130	220	80	115	100	10	M10X1
25	160	130	220	80	120	100	12	
32	180	150	235	80	130	100	15	
40	200	150	235	95	138	120	18	
50	230	150	240	95	155	120	25	
65	290	280	250	105	178	160	30	
80	310	280	260	105	207	160	40	
100	350	280	265	105	222	160	60	