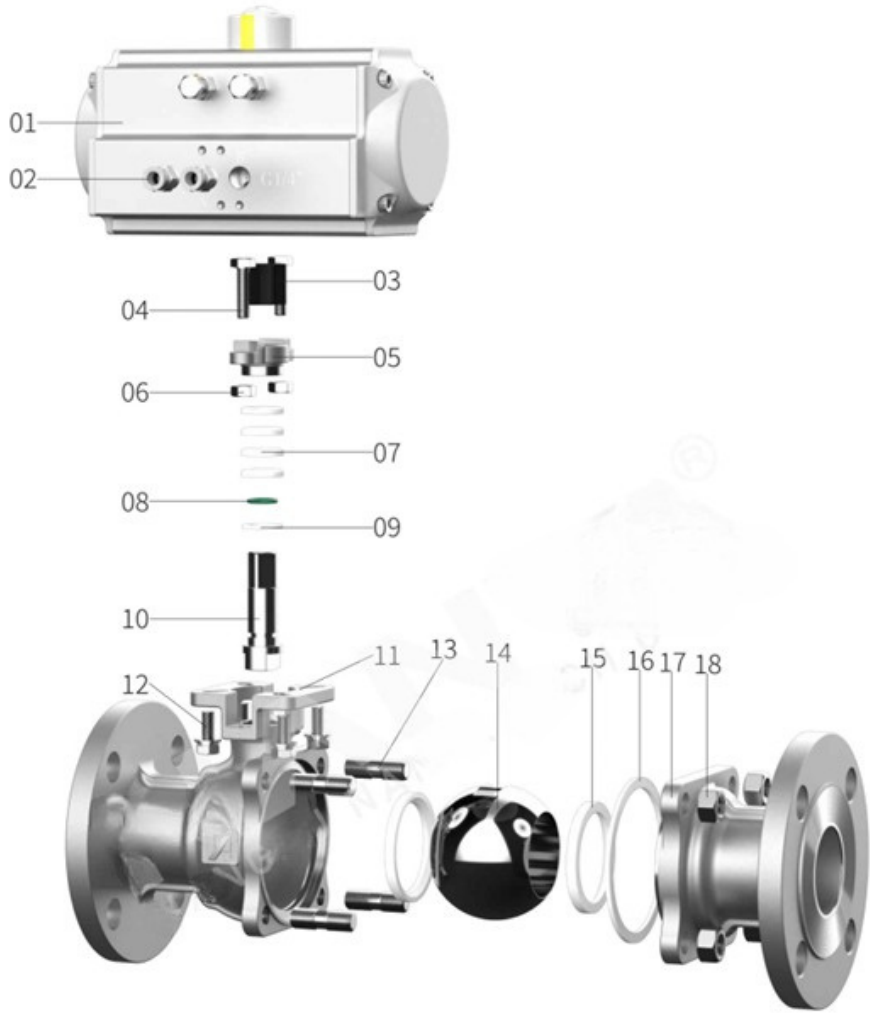


Pneumatic stainless steel mechanical flange ball valve

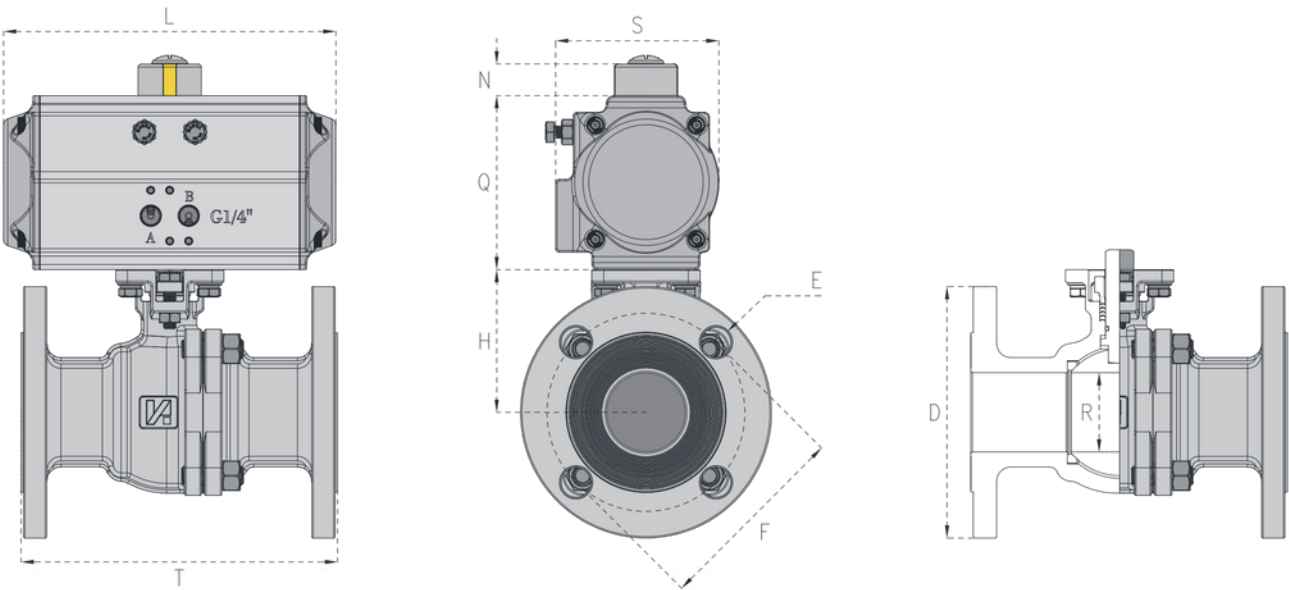


Model number	VQ641F-16P (PTFE+SUS304) VQ641M-16P (PPL+SUS304) VQ641F-16R (PTFE+SUS316) VQ641M-16R (PPL+SUS316) VQ641F-16RL (PTFE+SUS316L) VQ641M-16RL (PPL+SUS316L)
Design standard	GB/T12237-2007
Applicable temperature	-20~+150℃/-18~+260℃
Air source pressure	0.4~0.75Mpa
Connection form	Flange
Connection standard	GB/T9113.1-26
Test pressure	1.76Mpa (Watertight seal) / 0.6Mpa (air-tight seal)
Structural characteristics	  

Materials For Main Part



Shape And Connection Size



specification	Actuator type matching	dimensioning code				pressure: 1.6mpa			unit: mm		
		L	T	S	N	Q	H	E	F	D	R
DN15	AT52	147	130	71.5	20	72	52.5	4×Φ14	65	95	15
DN20	AT52	147	140	71.5	20	72	54.5	4×Φ14	75	105	20
DN25	AT63	168	150	83	20	88	58.5	4×Φ14	85	115	25
DN32	AT75	186	165	95	20	99.5	71	4×Φ14	100	135	32
DN40	AT83	212	180	103	20	108.7	76	4×Φ18	110	145	40
DN50	AT83	212	200	103	20	108.7	90	4×Φ18	125	160	50
DN65	AT105	268	220	121.5	20	133	107	4×Φ18	145	180	65
DN80	AT105	268	250	121.5	20	133	118	8×Φ18	160	195	80
DN100	AT125	301	280	142	30	155	138	8×Φ18	180	215	100

Actuator matching is for reference only, please contact the manufacturer for more diameter sizes or other sizes.

ID	Quan	Part name	Main material
01	1	Pneumatic actuator	
02	2	Pack alloy	
03	0/1	Air connection	
04	2	Copper plating	
05	1	Octagonal bushing	
06	2	Powder metallurgy	
07	4	Gland screw	
08	1	SUS304	
09	1	GI an d	
		SUS304 / SUS316	
		Gland nut	
		SUS304	
		Padding	
		PTFE / PPL	
		O-ring	
		FKM / EPDM	
		Prevent push gasket	
		PTFE	

ID	Quan	Part name	Main material
10	1	Valve shaft	
		SUS304 / SUS316/SUS316L	
11	1	Valve body	
		SUS304 / SUS316/SUS316L	
12	4	Combination screw	
		SUS304	
13	4~16	Valve side cover nut	
		SUS304	
14	1	Ball	
		SUS304 / SUS316/SUS316L	
15	2	Valve seal	
		PTFE	
16	1	Valve Side Cover is Sealed	
		PTFE / PPL	
17	1	Valve side cover	
		SUS304 / SUS316/SUS316L	
18	4~16	Nut	
		SUS304	