

BELLOW SEAL GLOBE VALVE

V-IGV-01-04F0(15M-100M)-K2

Specification

Design standard	: DIN 3356
Face to face dimension	: DIN 3202
Flanged ends	: DIN 2543-2545
Test & inspection	: DIN 3230
Pressure Standard	: PN16
Temperature Range	: -10°C / +350°C

Application

Hot Oil System, Steam System, Hot And Cold Water System Etc.

Conical disc design

Benefit from the cone and streamline shape design, the disc can remove the impurity, keep valve in reliable seal and longer service life.

Double seal design (bellows+packing)

Bellow from a metal seal to prevent leakage, and packing can provide seal if the bellow failed.

Patented central locate design. It can protect stem from tremble and lower noise, so the bellow is with stable performance and long service life.

Coated sand casting technology

Sand mixed with binder and other additives, which makes the rough casting with less defects like pore, trachoma and cracks, and better tensile strength.



Performance Specification

NOMINAL PRESSURE		PN	
Test Pressure	Shell test	1.5PN	Mpa
	Sealing test	1.1PN	
	Air test	0.6	
	Bellows test	1.1PN	
Suitable temp	-10°C ~ 350°C		

Product Materials

BODY	JS1049 (GGG40)		
SEAT	1.4301	Stellit	
DISC	1.4021	1.4401+Stellite	
PIN	1.4301	1.4401	
BELLOWS	1.4301	1.4401	
STEM	20Cr13	F304	F316
GASKET	Flexible graphite + stainless steel		
BONNET	JS1049(GGG40)		
NUT	ASTM 194-2H	A194-8	
DOUBLE-HEADED BOLT	ASTM 194-B7	A193-B8	
PACKING	Flexible graphite		
GLAND	1C25	1.4301	1.4401
LOCATOR	1C25		
STEM NUT	Copper alloy	D2	BL2
HAND WHEEL	1025/KTH330		
CAP	1C45		

Codes

NO	MATERIAL NO	MATERIAL DESCRIPTION
1	V-IGV-01-04F015M-K2	Globe Valve GGG40 Ductile Iron PN16 Flange DN15 Metal Bellows RAL5002 Blue
2	V-IGV-01-04F020M-K2	Globe Valve GGG40 Ductile Iron PN16 Flange DN20 Metal Bellows RAL5002 Blue
3	V-IGV-01-04F025M-K2	Globe Valve GGG40 Ductile Iron PN16 Flange DN25 Metal Bellows RAL5002 Blue
4	V-IGV-01-04F032M-K2	Globe Valve GGG40 Ductile Iron PN16 Flange DN32 Metal Bellows RAL5002 Blue
5	V-IGV-01-04F040M-K2	Globe Valve GGG40 Ductile Iron PN16 Flange DN40 Metal Bellows RAL5002 Blue
6	V-IGV-01-04F050M-K2	Globe Valve GGG40 Ductile Iron PN16 Flange DN50 Metal Bellows RAL5002 Blue
7	V-IGV-01-04F065M-K2	Globe Valve GGG40 Ductile Iron PN16 Flange DN65 Metal Bellows RAL5002 Blue
8	V-IGV-01-04F080M-K2	Globe Valve GGG40 Ductile Iron PN16 Flange DN80 Metal Bellows RAL5002 Blue
9	V-IGV-01-04F100M-K2	Globe Valve GGG40 Ductile Iron PN16 Flange DN100 Metal Bellows RAL5002 Blue