

DIAPHRAGM VALVES

RUBBER LINED DIAPHRAGM VALVE

CORROSION RESISTANT. RELIABLE. LONGER SERVICE LIFE.

ALIS Rubber Lined Diaphragm Valve is designed for reliable on/off and throttling service in corrosive and abrasive applications. The rubber lining provides excellent resistance to a wide range of chemicals, ensuring long service life and leak-tight performance.



SUITABLE
FOR HARSH
INDUSTRIAL
ENVIRONMENTS



Chemical
Resistance



Reliable
Performance



Low
Maintenance



Long
Service Life

APPLICATIONS

- Chemical & process industries
- Effluent and wastewater treatment
- Pickling and plating plants
- Food, pharmaceutical and biotech industries
- Pulp & paper and mining
- Any corrosive or abrasive fluid service

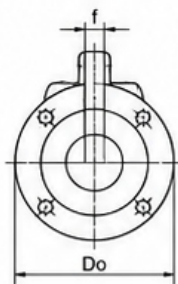
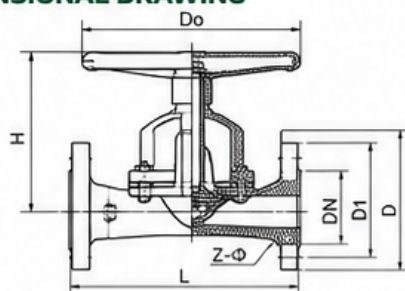
TECHNICAL SPECIFICATIONS

Working Temperature	≤ 85°C
Suitable Media	General corrosive media
Nominal Pressure (PN)	1.0 MPa
Design Standard	GB/T 12239
Face to Face	GB 12221
Flange Drilling	GB/T 9113
Testing Standard	GB/T 13927

MATERIALS OF CONSTRUCTION

Part Name	Material
Body	Cast Iron with Rubber Lining
Bonnet	Cast Iron
Disc	Cast Iron with Rubber Lining
Handwheel	Cast Iron
Diaphragm	Natural Rubber, Butyl Rubber, etc.
Stem	Carbon Steel

DIMENSIONAL DRAWING



FEATURES

- Full bore, straight-through flow with low pressure drop
- Rubber lined body and disc for superior corrosion resistance
- Suitable for on/off and throttling applications
- Simple and compact design
- Easy maintenance and long service life
- Available with different lining materials (Natural Rubber, EPDM, Butyl, etc.)

MAIN DIMENSIONS (mm)

Model	DN (mm)	Nominal Pressure (MPa)	Main Dimensions (mm)						
			L	D	D1	Z-Φ	f	H	Do
G46J-10	20	1.0	117	105	75	4 – 14	2	–	–
	25	1.0	127	115	85	4 – 14	2	146	120
	32	1.0	146	140	100	4 – 18	2	152	120
	40	1.0	159	150	110	4 – 18	2	152	120
	50	1.0	190	165	125	4 – 18	2	163	120
	65	1.0	216	185	145	4 – 18	2	205	230
EG46J-10	80	1.0	254	200	160	8 – 18	2	220	230
	100	1.0	305	220	180	8 – 18	2	262	280
	125	1.0	356	250	210	8 – 18	3	290	280
	150	1.0	406	285	240	8 – 22	3	368	368
	200	0.6	521	340	295	8 – 22	3	410	368
	250	0.6	636	395	350	12 – 22	3	559	483
	300	0.4	749	445	400	12 – 22	3	625	576