

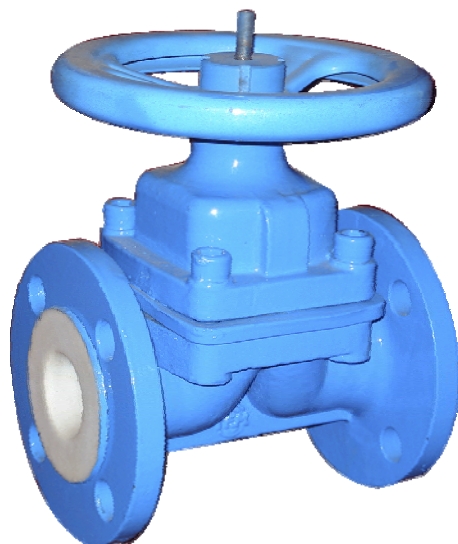
SHANGHAI CIPHY INDUSTRY CO.,LTD.

ANSI CLASS 150

CAST STEEL LINER OF PTFE OR FEP

DIAPHRAGM VALVE BOLTED BONNET DESIGN

MODEL NO: SDAXRF-LIN



DIAPHRAGM VALVE PRODUCT'S SIZE:

PRESSURE GRADE	FROM	TO
CLASS 150	1/2"	10"

DESIGN DESCRIPTION:

- * POLYFLUOROTRIETHYLENE LINING DIAPHRAGM VALVE
- * ADOPTING SPECIAL TECHNOLOGY TO LINE THE PTFE
- * TO BODY, PTFE AND CUSHIONED WITH NITRILE RUBBER
- * TO DIAPHRAGM COMPONENTS AND ENABLE EACH
- * COMPONENTS TO SAME ANTI-CORROSION ABILITY.
- * THIS PRODUCTS HAVEE GOOD THROTTLING TRAITS,
- * ANTI-CORROSION, PARTICLE RESISTANCE, STEADY FIGHTNESS
- * AND CAN BE WIDELY APPLIED TO VARIOUS CORROSIVE LIQUID,
- * FIBER AND POWDER MEDIUM.
- * ACUATOR: HANDWHEEL, ELECTRIC ACTUATOR, *PNEUMATIC
- * APPLICABLE MEDIA: VITRIOL, HYDROFLUORIC ACID,
- PHOSPHORIC ACID, GASEOUS CHLORINE, STRONG *ALKALI,
- AQUA REGIA AND SO ON MEDIUM WITH STRONG CAUSTICITY.

WORKING PRESSURE AND TEMPERATURE:

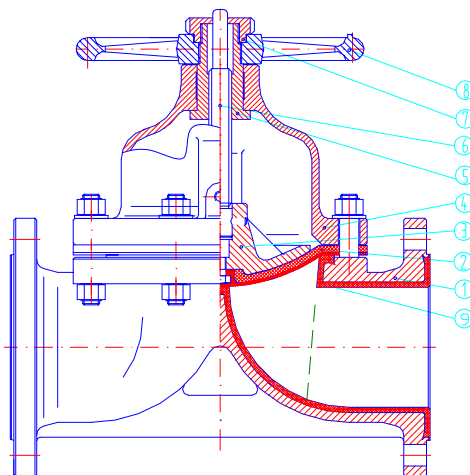
WORKING TEMPERATURE		
MATERIAL	CAST STEEL	PTFE
CELSIUS SCALE	-29°C~425°C	-80°C~200°C
FAHRENHEIT	6°F~822°F	-80°F~415°F

GENERAL DESIGN SPECIFICATIONS:

ITEM	CLASS 150
MANUFACTURE	MANUFACTOR STANDARD
FACE TO FACE	ANSI B16.10
END FLANGE	ANSI B16.5
INSPECTION AND TEST	API 598
LINING VOLTAGE TEST	25KV HIGH VOLTAGE

TEST PRESSURE TO API598

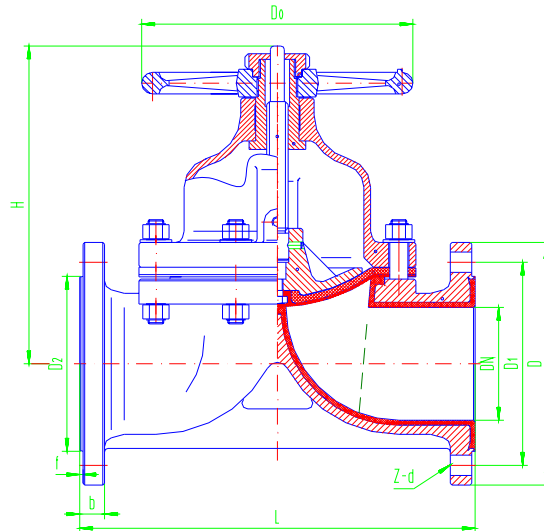
CLASS	SHELL (WATER)		SEAT (WATER)		SEAT (AIR)		BACK SEAT (WATER)	
150	3.1MPA	450PSI	2.2MPA	315PSI	0.6MPA	80PSI	3.1MPA	450PSI



PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS	
1	BODY	ASTM A216-WCB	ASTM A 126
2	BONNET	ASTM A216-WCB	ASTM A 126
3	DIAPHRAGM	NBR+FEP OR NBR+PTFE	
4	DISC	13CR OR STAINLESS STEEL	
5	STEM NUT	CARBON STEEL	
6	STEM	13CR OR STAINLESS STEEL	
7	H.W. LUCK NUT	BRONZE	
8	HANDWHEEL	CAST IRON	
9	LINNER	PTFE OR FEP	

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

**DIMENSIONS LIST(UNIT:MM):**

DN	SIZE	L	D	D1	D2	Z-φd	f	b	H	H(OPEN)	D0	WEIGHT(KG)
15	1/2"	110	89	60.5	35	4-15	2	12	116	126	100	3
20	3/4"	117	98	70	43	4-15	2	12	116	126	100	3.4
25	1"	127	108	79.5	51	4-15	2	12	127	140	140	5.5
32	1-1/4"	140	117	89	64	4-15	2	13	132	149	140	7
40	1-1/2"	165	127	98.5	73	4-15	2	15	155	175	160	9
50	2"	178	152	120.5	92	4-19	2	16	162	188	160	12.5
65	2-1/2"	190	178	139.5	105	4-19	2	18	196	230	200	20
80	3"	203	190	152.5	127	4-19	2	19	220	262	240	26
100	4"	229	229	190.5	157	8-19	2	24	272	325	240	36
125	5"	254	254	216	186	8-22	3	24	332	397	280	60
150	6"	267	279	241.5	216	8-22	3	26	372	450	320	80
200	8"	292	343	298.5	270	8-22	3	29	496	600	360	125
250	10"	330	406	362	324	12-25	3	31	570	700	400	240

*** We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.**



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