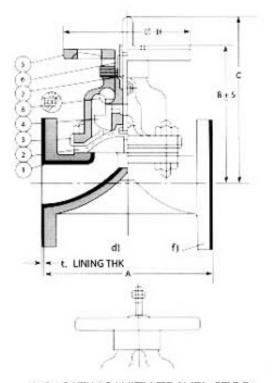




SALIENT FEATURES

- BODY: weir design reduces diaphragm travel, increasing its life pocketless design for contamination free
 performance and smooth flow characteristics.
- BONNET: Isolates working parts from hazardous atmosphere.
- DIAPHRAGM: Strong and Resilient, giving positive shut-off, designed to assist flow and totally isolates working parts from fluids.
- STEM & STEM BUSHING: Designed to reduce friction for low operational torque.
- . THRUST BEARING: Provied for sizes 80mm and above to reduce friction and torque.
- FINGER PLATE & COMPRESSOR: Finger plates or finger cast into the bonnet in larger valves combine
 with the compressor, supports diaphragm at all stages of travel to increase diaphragm life.
- HAND WHEEL: Comfortable handgrip, eases rapid operation.
- CLOSURE CAP: Stops the ingress of foreing particles and atmosphere. Additionally an 'O'Ring seal can be
 provided to increase security on hazardous products.
- MANUFACTURING STANDARD: 'UNIMAC' Vlaves are manufactured to the following standards as well as being in over all lengths to BS:5156.
 - Flanges
 - British BS 10 Table D, E and F
 - BS 4504 Table PN 10/16
 - BS1560 Class 150. Female screwed Ends
 - o BS 21 Taper
 - o BS 21 Parallel
 - American ANSI B 16.1 Class 125
 - ANSI B 16.5 Class 150
- MAJOR CONSUMERS: Basic Chemicals, End User Chemicals, Food and Beverage, Mining, Nuclear Power,
 Pharmaceuticals, Pulp & Paper, Sewage Treatment, Water Treatment, Pollution Control.



Part No	Part Name	Material
1	Body / Lining	Cl / As Reqd
2	Diaphragm c)	NEOPRENE / As Reqd.
3	Bonnet	Cl
4	Compressor	AL a) / Cl
5	Hand Wheel	Cl
6	Stem Bushing	S.G.IRON
7	Stem	EN8 / 410
8	Thrust Bearing b)	Steel

a) For sizes upto 50 b) For Sizes 80 and higher c) Diaphragm Hardness shore 'A' d) Lining hardness - shore 'D' f) Flange : OD, THK, Drilling. Only Dimension 'A' is certified and conforms to BS:5156 Other dimensions are only indicative

INDICATING WITH TRAVEL STOP

SIZE		15	20	25	40	50	65	80	100	125	150	200	250	300
A		114	123	123	165	196	222	260	313	364	414	529	645	759
В		84	92	104	143	150	170	218	241	291	350	465	555	659
C		90	102	118	164	179	206	260	296	362	431	584	699	825
ØН		70		100	140		180	225		310	368	471	587	690
t		3.0							4.0				5.0	
Wgt-kg		2.50	2.60	3.50	7	10	15	22	37	62	91	163	240	418
OPT PR.Bar		14.00		12.00		10.50			8.75		7.00	5.00	4.25	
TEST PRI	ESSURE B.	AR												
IDADO	SHELL	21.00				18.00		15.75		13.25		10.50	7.50	6.50
HYDRO	SEAT	14.00			12.0	0	10.50)		8.75		7.00	5.00	4.25
AIR	SEAT	5.00												4.25

CODE	Cl	Cl	WCB
MATERIAL	IS: 210	IS:210	A216
SPECN	FG200	FG200	WCB

GRADE	MATERIAL	TEMP ° C		TYPICAL SERVICES		
		Min. Max.				
A	Natural Rubber	-30	80	Water, Gases, Sewage, Slurry Sludge, Brine, Acids, Alkalies, Salts.		
WA	White Natural Rubber	-10	80	Pigments Pharmaceuticals.		
N	Neoprene	-25	95	Weak Chemical, Hot compressed air, Acids, Alalies, Oils		
E	Ethylene Propylene	-30	150	Chemicals, Acids, Abrasives		
В	Black Butyl	-25	120	Chemicals, Acids, Abrasves.		
WB	White Butyl	-25	105	Foods, Beverages.		
H	Hypalon	-15	105	Oxdiyzing Agents, Concentrated Sulphuric Acid, Phosporic Acid, Chlorine		
R	Buna - N	-10	80	Animal, Vegetable and Mineral Oils, Paraffins, Kerosene		
S	Soft Natural Rubber	-15	80	Abrassive Fluids		
V	Viton	-25	165	Hydro Carbons, Strong Acids, Solvents, Chlorine.		
EP	EPDM	-20	110	Radio Active Fluid, Chemical resistance similar to 'BG'		
Т	PTFE (with Neoprene)	-30	175	All Chemicals and Food		