

Teflon Sleeve Plug Valve



DESIGN FEATURES

- Zero leakage due to large sealing area.
- Teflon Protected by lips 360° surrounding the ports.
- Teflon sleeved fully locked top, bottom, and ports.
- Self cleaning sleeve, while quarter turn operation.
- Bi-directional flow & easy operation without lubrication.
- Optional operation by gear or pneumatic actuators.

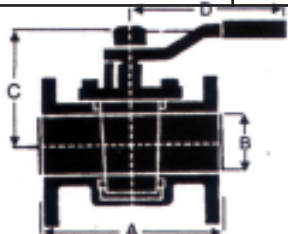
MATERIALS OF CONSTRUCTION

PART NAME	MATERIALS		
Body cap	ASTM-A351 Gr. CF8M	ASTMA351 Gr. CF8	ASTMA 216 Gr. WCB
Plug	ASTM-A351 Gr. CF8M		
Sleeve, diaphragm, Ring	PTFE		
Metal diaphragm, Washer	SS.316		
Fastners	AISI SS316	AISI SS304	ASTMA 193 Gr B7 ASTMA 194 Gr 2H
Lever	CARBON STEEL		

CF3, CF3M, CN7M, & OTHER ALLOYS VALVES ALSO AVAILABLE ON REQUEST. SCREWED VALVES ALSO AVAILABLE ON REQUEST. REPLACEABLE PARTS AVAILABLE.

TEST PRESSURE :

	Hydrostaic	Pneumatic
Shell	450 psi or 30 kg/Cm2	-
Seat	300 psi or 20 kg/Cm2	80 psi



DIMENSIONS (MM)

Size	A	B	C	D	Weight (Apx)
15	108	13	90	150	1.700
20	118	19	100	150	2.000
25	127	25	120	190	4.000
40	165	40	130	260	6.800
50	178	50	140	260	10.700
80	203	76	160	370	15.700
100	229	100	170	370	28.000

Note : Date given are subject to change for products improvements.

VALVE STANDARDS :

PR. RATING	: 150# LBS
DESIGN	: BS 5353 & ANSI B16.34
FACE TO FACE	: ANSI B16.10
FLANGE DIM	: ANSI B16.5
PRESSURE TEST	: BS 6755

OTHER VALVES PROBLEMS

Lubricated Plug Valve	: Regular Maintenance require with recurring expense.
	: Plug seizing problem.
	: Contamination of line fluid.
Gate Valve	: Metal to metal seat.
	: Limited seat area.
	: Slow to operate.
Ball Valve	: Ball & stem not integral parts.
	: Limited Sealing area.
	: Cavity Construction of body & Ball.
Diaphragm Valve	: More Maintenance.
	: Slow acting

Adjustable Bo

Cap

Slatic Washer

Plain Washer

Metal Diaphra

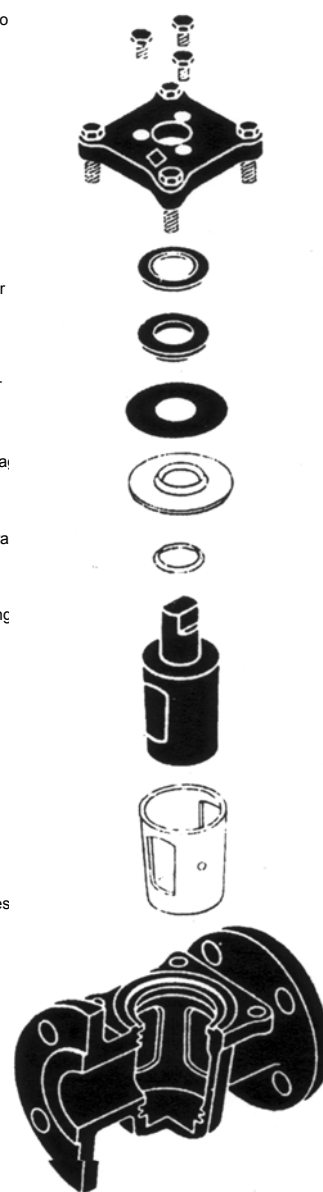
PTFE Diaphra

PTFE Lift Ring

Plug

PTFE Sleeves

Body



Client :

Ref. No. :

Drg. No. : PLG - 261



Manufactured by :

KHD VALVES (P) LTD.

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