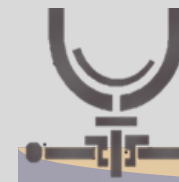




AN ISO 9001-2015 CERTIFIED COMPANY

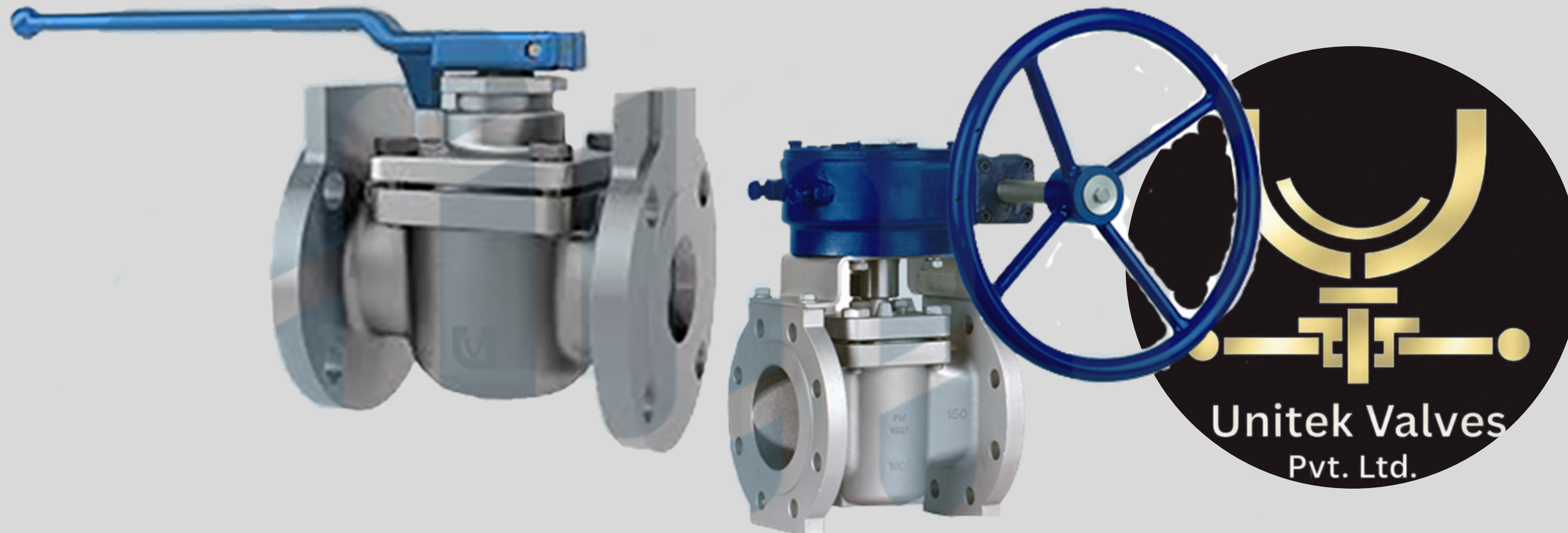


UNITEK VALVES PVT LTD ®
MANUFACTURER OF INDUSTRIAL VALVES



UNITEK VALVES PVT LTD CATALOGUE

SLEEVED PLUG VALVE



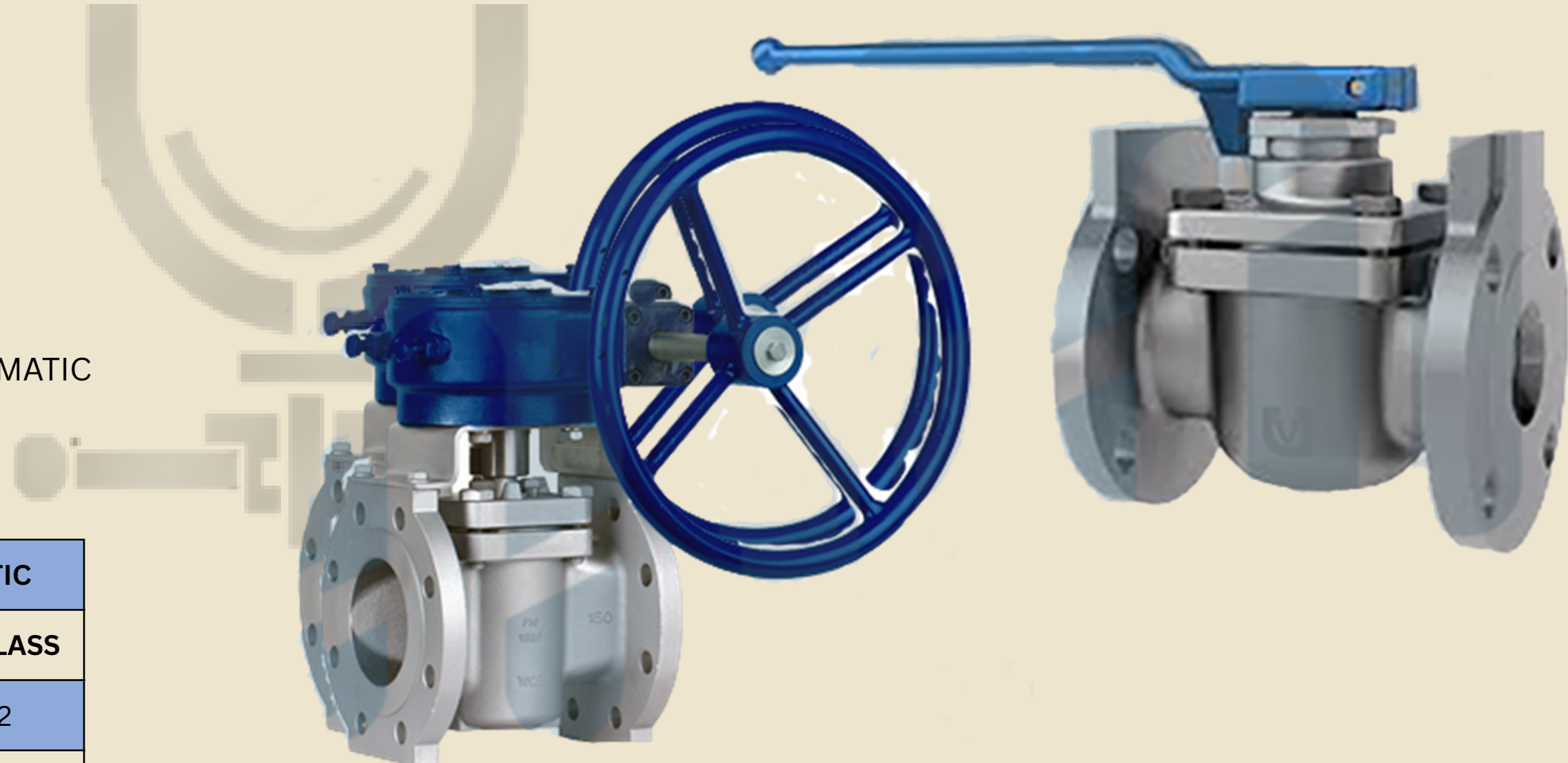
SLEEVED PLUG VALVE

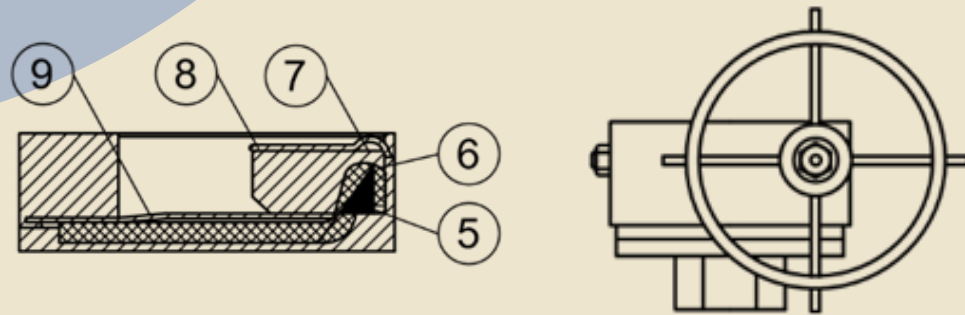
In the sleeved plug valve a PTFE sleeve is fitted into the valve body. The metal plug rotates against the PTFE with a very low torque. The sleeve provides a large sealing surface from port to port. Sleeved type soft sealing plug valves can be used in various industries such as petroleum, chemical industry, pharmacy, chemical fertilizer, power industry, mining, etc. Since the plug can rotate 360° the plug valve is self-cleaning removing the scaling and adhering media

TECHNICAL FEATURES AND STANDARDS

- DESIGN STD: BS 5353 / ANSI B 16.34
- TESTING STANDARD: BS EN 12266 PART 1 / API 598
- FACE TO FACE: ANSI B 16.10
- FLANGE DIMENSION: ANSI B 16.5
- OPERATION: WRENCH WHEEL, WORM & WORM GEAR, PNEUMATIC ACTUATOR & ELECTRIC ACTUATOR
- SIZE RANGE: DN 15 (1/2") to DN 350 (14")
- PRESSURE RATING: CLASS 150#

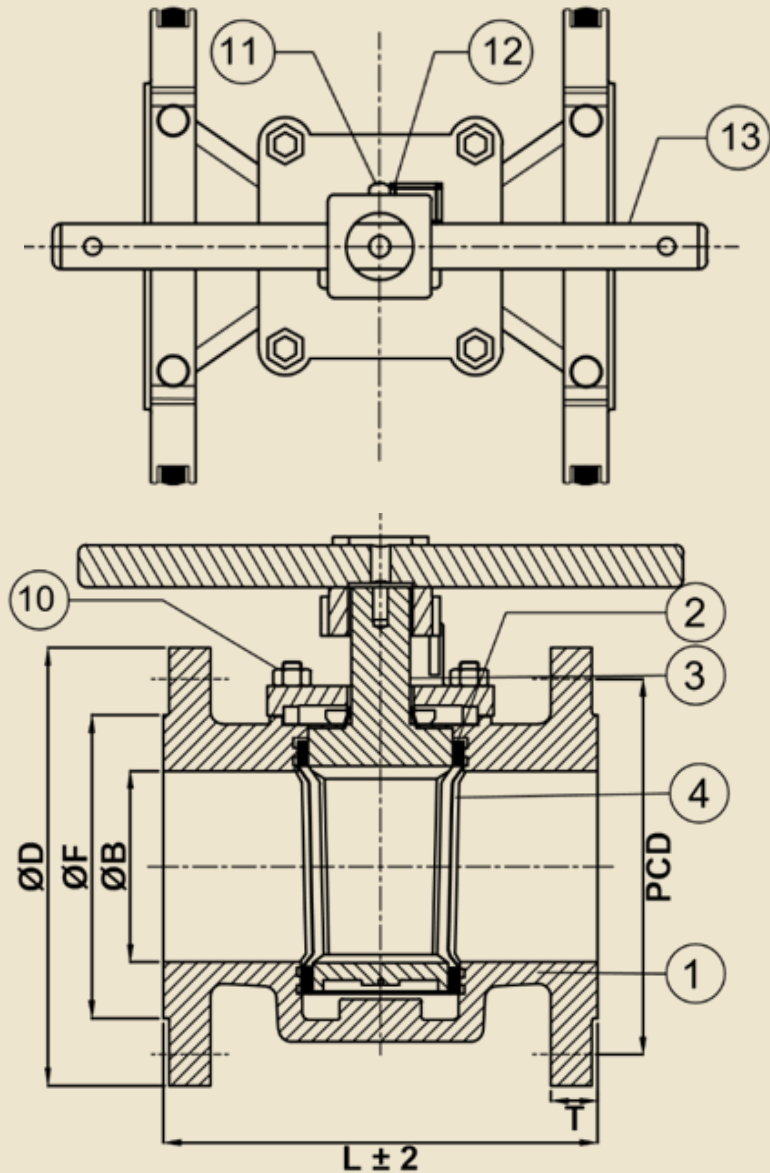
PRESSURE TESTS	HYDRAULIC		PNEUMATIC
	150 CLASS	300 CLASS	150 / 300 CLASS
SHELL	31 Kg/CM2	77 Kg/CM2	6 Kg/CM2
SEAT	22 Kg/CM2	55 Kg/CM2	6 Kg/CM2





STD TOP SEAL KIT

GEAR

**NON LUBRICATED SLEEVED PLUG VALVE**

- FLANGES TO ANSI B 16.5 ASA 150.
- RAISED FACE FINISH 125-250 SERRATED.
- CLASS 150 FLANGES ARE FURNISHED WITH 1.6mm - 2mm RAISED FACE.
- TOP 2 HOLES OF 8" WILL HAVE TAPPING OF M20 x 3.
- TOP 2 HOLES OF 10" WILL HAVE TAPPING OF M22 x 3.
- TOP 2 HOLES OF 12" WILL HAVE TAPPING OF M22 x 3.
- TOP 2 HOLES OF 14" WILL HAVE TAPPING OF M24 x 3.
- Ød = Hole Diameter
- n = No. of Holes

DIMENSIONAL DATA OF CLASS 150# / 300#

DN	15	20	25	40	50	65	80	100	125	150	200	250	300	350
NPS	½"	¾"	1"	1 ½"	2"	2 ½"	3"	4"	5"	6"	8"	10"	12"	14"
L (150#)	108	118	127	165	178	190	203	229	254	267	292	330	356	381
L (300#)	140	152	165	190	216	241	283	305	381	403	419	457	502	-
ØB	15	18.5	25	40	50	65	80	100	125	150	199	249	300	350
ØD	88.9	98.6	108	127	152.4	177.8	190.5	228.6	254	279.4	342.9	406.4	482.6	533.4
T	11.2	11.2	11.2	14.2	16	17.3	19.1	23.9	25.4	25.4	28.7	30.2	31.8	35
PCD	60.5	69.9	79.5	98.5	120.7	139.7	152.4	190.5	216	241.3	298.5	362	431.8	476.3
Ød	16	16	16	16	19.1	19.1	19.1	19.1	22.4	22.4	22.4	25.4	25.4	28.7
n	4	4	4	4	4	4	4	8	8	8	8	12	12	12
ØF	35	43	51	73	92	105	127	157	186	216	270	324	381	413

Note: The above data is subject to change without any notice due to our continuing product improvement program.

MATERIAL SPECIFICATION

P. No.	PART DESCRIPTION	PART DESCRIPTION
1	BODY	ASTM A 216 Gr. WCB / ASTM A 217 WC1 / WC6 / WC9 / C5 / ASTM A 351 CF8 / CF8M / CF3 / CF3M
2	COVER	ASTM A 216 Gr. WCB / ASTM A 217 WC1 / WC6 / WC9 / C5 / ASTM A 351 CF8 / CF8M / CF3 / CF3M
3	PLUG SPINDLE	ASTM A 216 WCB+N / ASTM A 351 Gr. CF8 / CF8M / CF3 / CF3M
4	SLEEVE	PTFE
5	WEDGE RING	PTFE
6	DIAPHRAM	PTFE
7	THRUST WASHER	ASTM A 351 Gr. CF8
8	STATIC WASHER	SS 304
9	PLAIN WASHER	SS 304
10	STUDS & NUTS	ASTM A 193 Gr. B7 / A 320 B8 / A 193 B8M
		ASTM A 194 Gr. 2H / A 194 - 8 / A 194 - 8M
11	SPINDLE ADJUSTMENT BOLTS	ASTM A 193 Gr. B7 / A 320 B8 / A193 B8M / SS 304
12	WRENCH COUPLER	ASTM A 216 Gr. WCB
13	WRENCH ROD	ASTM A 105 WCB / MILD STEEL

Other materials can be provided on request.