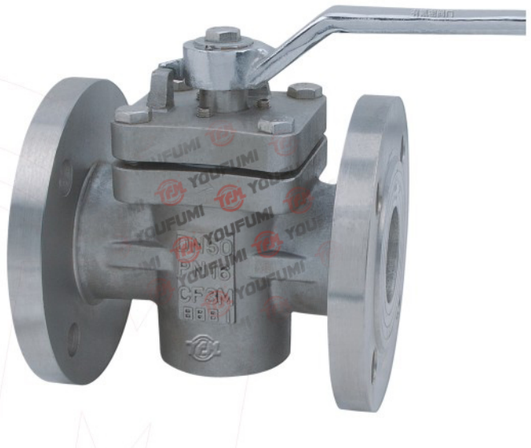
Sleeved Plug Valve

Patent No.: ZL201220432369.6
ZL201430041453.X

※Product Description

- A PTFE sleeve is fitted into the valve body and accepts the metal plug which rotates against the PTFE with a minimum of required torque.
- PTFE, being highly inert and having a very low coefficient of friction, completely surrounded to plug, is ideal for this service. The sleeve provides a large, circumferential sealing surface from port to port.
- It features bi-directional flow, simple actuation, light weight, compact design.
- It is designed to give long-term, trouble-free service in a wide variety of application.
- No seizing, no sticking. As the plug rotates, the 360°port lips provides a self-cleaning action to remove scaling and adhering media.
- Youfumi sleeved plug valve is an excellent option for the mining industry.



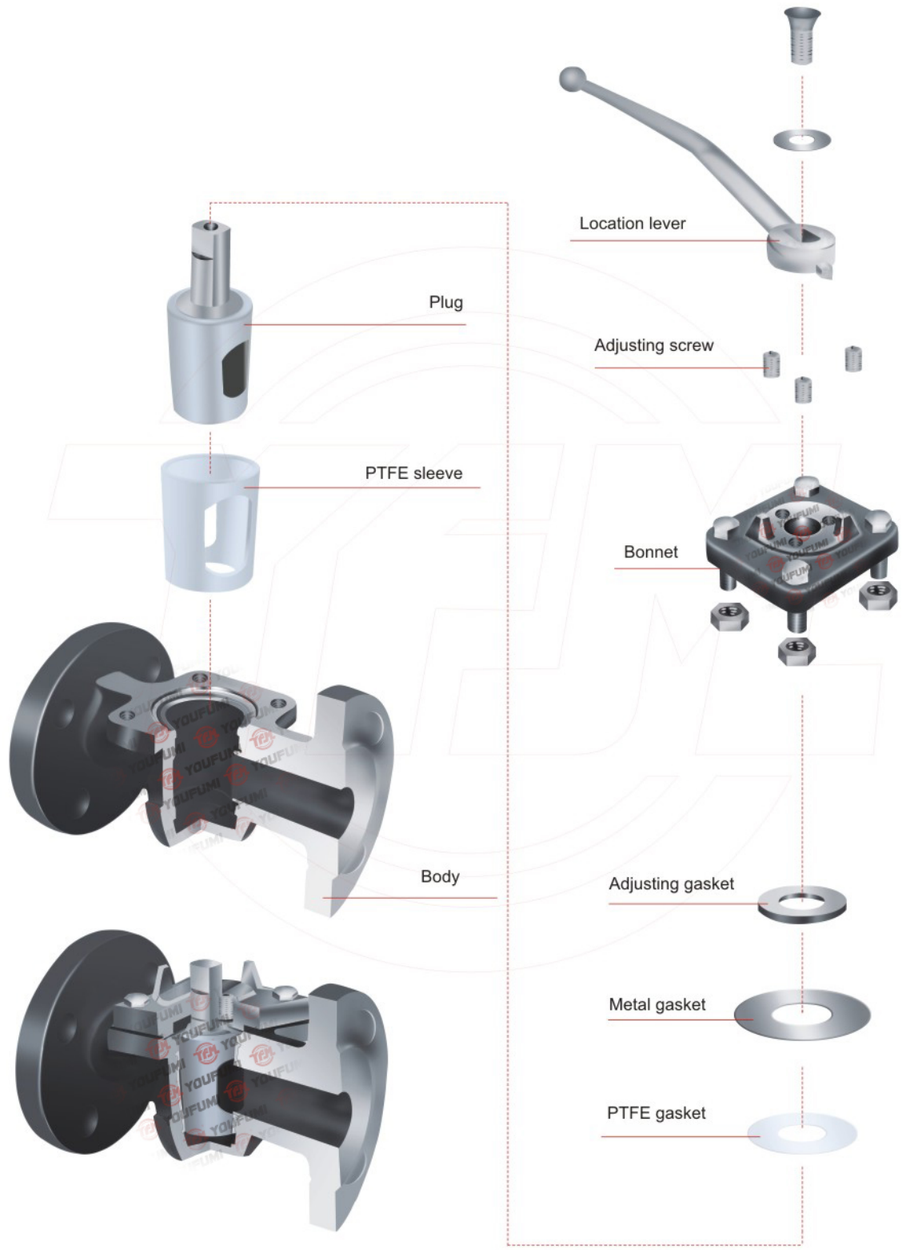
Sleeved Plug Valve X43F

Sleeved Three-way Plug Valve X44

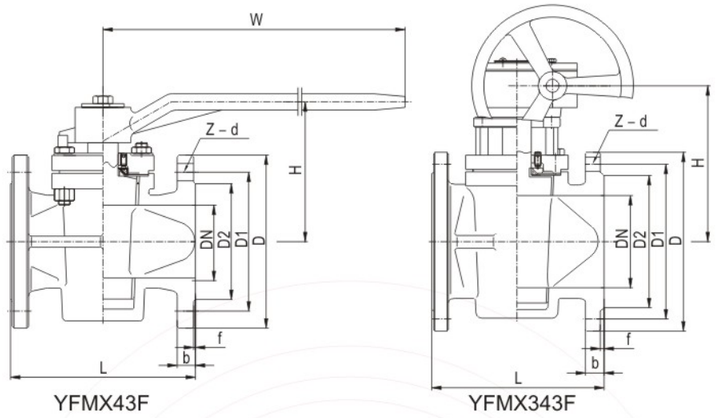
Sleeved Plug Valve

YOUFUMI

Cutway View



GB Sleeved Plug Valve



YFMX43F

YFMX343F

HG/T 20592 PN10

Unit:mm

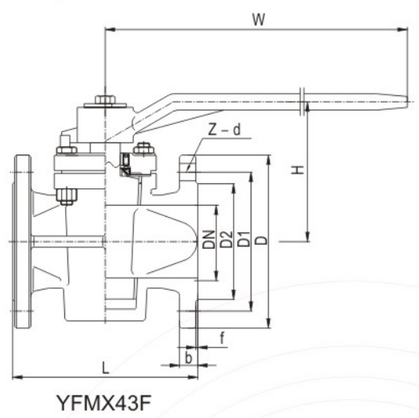
DN	L	D	D1	D2	Z-d	f	b	H	W	H0
15	110	95	65	45	4-14	2	14	85	180	-
20	117	105	75	55	4-14	2	14	88	180	-
25	127	115	85	65	4-14	2	14	98	260	-
32	140	140	100	78	4-18	2	16	101	260	-
40	165	150	110	85	4-18	2	16	128	320	-
50	178	165	125	100	4-18	2	16	128	320	-
65	190	185	145	120	4-18	2	18	135	320	-
80	203	200	160	135	8-18	2	20	164	400	322
100	229	220	180	155	8-18	2	20	178	400	332
125	254	250	210	185	8-18	2	22	205	-	385
150	267	285	240	210	8-23	2	24	220	-	405
200	292	340	295	265	8-23	2	26	-	-	455
250	330	395	350	320	12-23	2	28	-	-	490

HG/T 20592 PN16

15	110	95	65	45	4-14	2	14	85	180	-
20	117	105	75	55	4-14	2	14	88	180	-
25	127	115	85	65	4-14	2	14	98	260	-
32	140	140	100	78	4-18	2	16	101	260	-
40	165	150	110	85	4-18	2	16	128	320	-
50	178	165	125	100	4-18	2	16	128	320	-
65	190	185	145	120	4-18	2	18	135	320	-
80	203	200	160	135	8-18	2	20	164	400	322
100	229	220	180	155	8-18	2	20	178	400	332
125	254	250	210	185	8-18	2	22	205	-	385
150	267	285	240	210	8-23	2	24	220	-	405
200	292	340	295	265	12-23	2	26	-	-	455
250	330	405	355	320	12-26	2	28	-	-	490

Note: For more size please consult factory.

ANSI Sleeved Plug Valve



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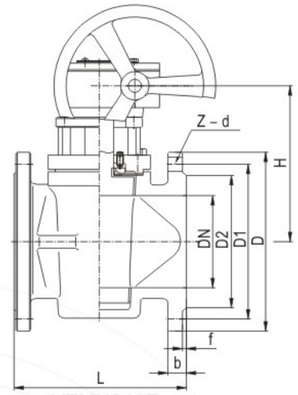

YFMX343F

ASME B16.5 Class150

Unit:mm

NPS	DN	L	D	D1	D2	Z-d	f	b	H	W	H0
1/2	15	110	89	60.5	35	4-16	2	11	85	180	-
3/4	20	117	98	70.0	43	4-16	2	13	88	180	-
1	25	127	108	79.5	51	4-16	2	14	98	260	-
11/4	32	140	117	89.0	64	4-16	2	15.7	101	260	-
11/2	40	165	127	98.5	73	4-16	2	17.5	128	320	-
2	50	178	152	120.5	92	4-19	2	19	128	320	-
21/2	65	190	178	139.5	105	4-19	2	22	135	320	-
3	80	203	190	152.5	127	4-19	2	24	164	400	322
4	100	229	229	190.5	157	8-19	2	24	178	400	332
5	125	254	254	216.0	186	8-22	2	24	205	-	385
6	150	267	279	241.5	216	8-22	2	25.4	220	-	405
8	200	292	343	298.5	270	8-22	2	28.5	-	-	455
10	250	330	406	362.0	324	12-25	2	30	-	-	490

ASME B16.5 Class300

1/2	15	140	95	66.5	35	4-16	2	14	85	180	-
3/4	20	152	117	82.5	43	4-19	2	15.7	88	180	-
1	25	165	124	89.0	51	4-19	2	17.5	98	260	-
11/4	32	178	133	98.5	64	4-19	2	19	101	260	-
11/2	40	190	156	114.5	73	4-22	2	20.5	128	320	-
2	50	216	165	127.0	92	8-19	2	22.4	128	320	-
21/2	65	241	190	149.0	105	8-22	2	25.4	135	320	-
3	80	283	210	168.5	127	8-22	2	28.4	164	400	322
4	100	305	254	200.0	157	8-22	2	32	178	400	332
5	125	381	279	235.0	186	8-22	2	35	205	-	385
6	150	403	318	270.0	216	12-22	2	36.6	220	-	405
8	200	419	381	330.0	270	12-25	2	41	-	-	455
10	250	457	445	387.5	324	16-29	2	47.8	-	-	490