



公司名称: 上海天阀贸易有限公司
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 地 址: 上海市嘉定区南翔镇翔乐路318号

SLEEVE TYPE SOFT SEALING PLUG VALVE ACC.TO ANSI

TECHNICAL SPECIFICATIONS

Structural formation	BB-BG-OS & Y
Diving manner	Wrench wheel, worm & worm gear, pneumatic, electric-actuated
Design standard	AP1599, AP16D
Face to face	ASME B16.10
Flange end	ASME B16.5
Test & inspection	AP1598, AP16D

Note: size of serial valve connecting can be designed according to customer's requirement

PRLDUCT'S PERFORMANCE SPECIFICATIONS

PN(LB)	Shell test (MPa)	Sealing test (MPa)	Suitable temperature	Suitable medium
150	3.0	2.2	≤180℃	Water oil & gas
300	7.5	5.5		
600	15.0	11.0		
900	22.5	16.5		

MAIN PART'S MATERIALS

NO	Part name	Material
1	Body	ASTM A216-WCB ASTM A351-CF8, CF8M, CF3, CF3M
2	Sleeve	PTFE
3	Plug	ASTM A217-WC1, WC6, WC9, C5 ASTM A351-CF8, CF8M, CF3, CF3M
4	Gasket	PTFE
5	Adjusting gasket	ASTM A182-F304, F316, F321, F304L, F316, ASTM A182-Gr.F6a ASTM A182-F22
6	Cover	ASTM A216-WCB, ASTM A351-CF8, CF8M, CF3, CF3M
7	Bolt	ASTM A194-2H, A194-8, A194-8M
8	Nut	ASTM A194-2H, A194-8, A194-8M
9	Adjusting Gland	ASTM A216-WCB, ASTM A351-CF8, CF8M, CF3, CF3M
10	Nut	ASTM A193-B7, A193-B8, A193-B8M
11	Wrench	ASTM A216-WCB

SEHEMATIC DIAGRAM OF INSTALLATION

Model		X43F-150LB														
Pressure		150LB														
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		108	117	127	140	165	178	190	203	229	245	267	292	330	356	381
L-BW		152	178	203	216	229	267	305	330	356	381	394	457	533	610	686
H		110	115	115	135	140	150	165	180	380	460	520	580	260	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
Weight(kg)		8.5	9.5	10.0	12	14	22	22	26	40	60	70	130	219	381	570
Model		X343F-300LB														
Pressure		300LB														



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Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3	4	5	6	8	10	12	14
L-RF		108	117	127	140	165	178	190	203	229	245	267	292	330	356	381
L-BW		152	178	203	216	229	267	305	330	356	381	394	457	533	610	686
H		110	115	115	135	140	150	165	180	380	460	520	580	260	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
Weight(kg)		8.5	9.5	10.0	12	14	22	22	26	40	60	70	130	219	381	570
Model		X43F-600LB														
Pressure		600LB														
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3	4	5	6	8	10	12	14
L-RB.BW		165	190	216	229	214	292	330	356	432	508	559	660	787	838	889
H		110	115	115	135	140	150	165	180	380	460	520	580	260	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
Weight(kg)		11	13	17	20	23	27	31	36	72	98	141	245	330	515	710
Model		X343F-600LB														
Pressure		900LB														
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 ¹ / ₄	1 ¹ / ₂	2	2 ¹ / ₂	3	4	5	6	8	10	12	14
L-RF.BW		229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
H		110	115	115	135	140	150	165	180	380	460	520	580	260	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
Weight(kg)		13	16	21	24	28	32	40	47	91	117	165	285	420	610	860

Note: 4" or above with worm gear