

Type 57/56/ TB Series Butterfly Valve Installation Interference

IPS PVC – CPVC – Steel & IPS – DIPS HDPE

TYPE 56/57 – TB SERIES BUTTERFLY SPACER THICKNESS INCHES

Size	Valve Type	IPS PVC/CPVC Pipe			IPS Steel Pipe		IPS HDPE Pipe					DIPS HDPE Pipe		
		Sch40	Sch80	Sch120	Sch40	Sch80	DR26.0	DR17.0	DR13.5	DR11.0	DR9.0	DR17.0	DR13.5	DR11.0
1-1/2	57α	-	-	-	-	-	-	-	-	-	-	-	-	-
2	57α	-	-	-	-	-	-	-	-	-	-	-	-	-
2-1/2	57α	-	-	-	-	-	-	-	-	-	-	-	-	-
3	57α	-	-	-	-	-	-	-	-	-	-	-	-	-
4	57α	-	-	-	-	-	-	-	-	-	-	-	-	-
5	57α	-	-	-	-	-	-	-	-	-	-	-	-	-
6	57α	-	-	-	-	-	-	-	-	-	0.22	-	-	-
8	57α	-	-	-	-	-	-	-	-	-	0.35	-	-	-
10	57α	-	-	-	-	-	-	-	0.23	0.59	-	-	-	-
12	57α	-	-	0.40	-	-	-	-	0.17	0.58	0.99	-	-	0.26
14	57α	-	0.71	-	-	0.54	0.15	0.78	1.16	1.53	1.91	-	-	0.69
16	56	-	0.56	-	-	0.37	-	0.65	1.07	1.48	1.90	-	-	0.62
18	75	-	0.63	-	-	0.41	-	0.77	1.26	1.73	2.22	-	-	0.78
20	75	-	0.84	-	-	0.60	0.12	1.01	1.56	2.08	2.63	-	0.31	1.08
24	75	-	1.37	-	-	1.08	0.56	1.62	2.27	2.90	3.55	-	0.89	1.78

TYPE IS/LIS BUTTERFLY SPACER THICKNESS INCHES

Size	Valve Type	IPS PVC/CPVC Pipe			IPS Steel Pipe		IPS HDPE Pipe					DIPS HDPE Pipe		
		Sch40	Sch80	Sch120	Sch40	Sch80	DR26.0	DR17.0	DR13.5	DR11.0	DR9.0	DR17.0	DR13.5	DR11.0
3	IS/LIS	-	-	-	-	0.26	-	-	-	-	-	-	-	-
4	IS/LIS	-	-	-	-	-	-	-	-	-	0.11	-	-	-
6	IS/LIS	-	-	0.26	-	-	-	-	-	0.28	0.52	-	-	-
8	IS/LIS	-	-	0.51	-	-	-	-	0.23	0.57	0.58	-	-	0.18

Note: Spacers, if required, must be installed on both sides of the valve. For spacers below 0.15" wide, chamfer the pipe ID.





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DIN PE – DIN PP – DIN PVDF

TYPE 56/57 – TB SERIES BUTTERFLY SPACER THICKNESS INCHES

Size	Valve Type	DIN PE Pipe						DIN PP Pipe						DIN PVDF Pipe	
		SDR41 PN2.5	SDR33 PN3.2	SDR26 PN4	SDR17.6 PN6	SDR11 PN10	SDR7.4 PN16	SDR41 PN2.5	SDR33 PN3.2	SDR26 PN4	SDR17.6 PN6	SDR11 PN10	SDR7.4 PN16	SDR33 PN10	SDR21 PN16
1-1/2	57α	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	57α	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-1/2	57α	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	57α	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	57α	-	-	-	-	-	0.23	-	-	-	-	0.23	-	-	
5	57α	-	-	-	0.10	0.33	0.57	-	-	-	0.15	0.39	0.64	-	-
6	57α	-	-	-	-	0.16	0.55	-	-	-	-	0.16	0.54	-	-
8	57α	-	-	-	-	0.47	0.93	-	-	-	-	0.47	-	-	-
10	57α	-	-	-	0.19	0.71	1.25	-	-	-	0.19	0.71	-	-	-
12	57α	-	-	-	-	0.70	1.46	-	-	-	-	0.69	-	-	-
14	57α	-	-	0.10	0.64	1.43	2.23	-	-	-	0.64	1.43	-	-	-
16	56	-	-	0.15	0.69	1.50	2.35	-	-	0.14	0.69	1.50	-	-	-
18	75	-	-	0.18	0.81	1.76	-	-	-	0.16	0.81	1.75	-	-	-
20	75	-	-	0.36	1.06	2.11	-	-	-	0.34	1.06	2.56	-	-	-
24	75	-	-	-	0.62	-	-	-	-	-	0.62	-	-	-	-

TYPE IS/LIS BUTTERFLY SPACER THICKNESS INCHES

Size	Valve Type	DIN PE Pipe						DIN PP Pipe						DIN PVDF Pipe	
		SDR41 PN2.5	SDR33 PN3.2	SDR26 PN4	SDR17.6 PN6	SDR11 PN10	SDR7.4 PN16	SDR41 PN2.5	SDR33 PN3.2	SDR26 PN4	SDR17.6 PN6	SDR11 PN10	SDR7.4 PN16	SDR33 PN10	SDR21 PN16
3	IS/LIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	IS/LIS	-	-	-	-	-	0.31	-	-	-	-	0.30	-	-	-
6	IS/LIS	-	-	-	-	0.46	0.85	-	-	-	-	0.46	0.84	-	-
8	IS/LIS	-	-	0.23	0.56	1.00	1.46	-	-	0.23	0.56	1.00	-	-	0.407

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