

Forged Steel Gate Valve– Screwed, Socket Weld, Flanged



Model	Type	End Connection
WFG800R	Screwed End	Reduced Port
WFG801R	Socket Weld End	Reduced Port
WFG815R	Flanged	Reduced Port
WFG830R	Flanged	Reduced Port
WFG860R	Flanged	Reduced Port
Workin Condition	10K	1.0 MPa at 280°C / 5.18 MPa at -7°C ~ 38°C
	20K	2.1 MPa at 450°C / 5.18 MPa at -7°C ~ 38°C
	30K~40K	4.2 MPa at 450°C / 10.3 MPa at -7°C ~ 38°C
Hydraulic Testing	10K	Body 8.3 MPa
	20K	Seat 6.1 MPa
	30K~40K	
Leak Testing	10K	Seat 0.56 MPa
	20K	
	30K~40K	
Body & Bonnet Carbon Steel – ASTM A105		
Trim	13 Cr.	
	13 Cr.	
	304 S.S	
	316 S.S	

Screwed / Socket Weld									
Port	Size	φD	L	H	φd	Weight (Kg)	Cv		
Reduced	15A	100	76	143	9.5	1.5	6.0		
	20A	100	86	153	12.7	2.0	11.3		
	25A	125	102	186	18.0	2.8	26.3		
	32A	125	117	238	31.0	5.2	78.0		
	40A	155	117	238	31.0	5.1	78.0		
	50A	175	133	267	37.0	8.2	115.0		
Flanged									
Size	φD	L			H	Weight (Kg)			Cv
		150 (10K)	300 (20K)	600		(Full opened)	150 (10K)	300 (20K)	
15A	100	108	108	165	152	2.5	3.0	3.3	6.0
20A	100	117	117	190	155	3.1	4.0	4.6	11.3
25A	122	127	127	216	187	4.7	6.0	6.6	26.3
32A	140	140	140	229	199	8.7	11.0	12.2	78.0
40A	140	165	165	241	238	8.7	11.0	12.2	78.0
50A	165	178	178	292	275	12.2	14.0	15.8	115.0

Forged Steel Globe Valve– Screwed, Socket Weld, Flanged



Model	Type	End Connection
WFL800R	Screwed End	Reduced Port
WFL801R	Socket Weld End	Reduced Port
WFL815R	Flanged	Reduced Port
WFL830R	Flanged	Reduced Port
WFL860R	Flanged	Reduced Port
Workin Condition	10K	1.0 MPa at 280°C / 5.18 MPa at -7°C ~ 38°C
	20K	2.1 MPa at 450°C / 5.18 MPa at -7°C ~ 38°C
	30~40K	4.2 MPa at 450°C / 10.3 MPa at -7°C ~ 38°C
Hydraulic Testing	10K	Body 8.3 MPa
	20K	Seat 6.1 MPa
	30~40K	
Leak Testing	10K	Seat - 0.56 MPa
	20K	
	30~40K	
Body & Bonnet Carbon steel – ASTM A105		
Trim	13 Cr.	
	13 Cr.	
	304 S.S	
	316 S.S	

Screwed / Socket Weld									
Port	Size	ø D	L	H (Opened)	ø d	Weight (Kg)	Cv		
Reduced	15A	100	76	149	9.5	1.8	2.0		
	20A	100	86	157	12.7	2.1	3.0		
	25A	125	102	181	17.5	2.9	5.5		
	32A	125	152	232	22.5	6.4	17.0		
	40A	155	152	232	29.5	6.4	17.0		
	50A	175	172	276	35.0	9.7	21.0		
Flanged									
Size	ø D	L			H (Opened)	Weight (Kg)			Cv
		150 (10K)	300 (20K)	600		150 (10K)	300 (20K)	600	
15A	102	108	108	165	158	2.5	3.0	3.3	6.0
20A	102	117	117	190	162	3.1	4.0	4.6	11.3
25A	114	127	127	216	201	4.7	6.0	6.6	26.3
32A	140	140	140	229	215	8.7	11.0	12.2	78.0
40A	140	165	165	241	241	8.7	11.0	12.2	78.0
50A	165	203	203	292	290	12.2	14.0	15.8	115.0

Forged Steel Check Valve (Swing, Lift) –Screwed,Socket Weld,Flanged



Model	Type	End Connection
WLC800R	Screwed End	Reduced Port
WLC801R	Socket Weld End	Reduced Port
WSC800R	Screwed End	Reduced Port
WSC801R	Socket Weld End	Reduced Port
WLC815R	Flanged	Reduced Port
WLC830R	Flanged	Reduced Port
WLC860R	Flanged	Reduced Port
WSC815R	Flanged	Reduced Port
WSC830R	Flanged	Reduced Port
WSC860R	Flanged	Reduced Port
Workin Condition 5.6 MPa at 454°C / 14 MPa at -7°C ~ 38°C		
Hydraulic Testing Body 8.3 MPa		
Seat 6.1 MPa		
Leak Testing Seat 0.56 MPa		
Body & Bonnet Carbon steel – ASTM A105		
Trim	13 Cr.	
	13 Cr.	
	304 S.S	
	316 S.S	

Screwed / Socket Weld (Lift Check)							Screwed / Socket Weld (Swing Check)						
Port	Size	φ D	L	H (Opened)	Weight (Kg)	Cv	Port	Size	φ D	L	H (Opened)	Weight (Kg)	Cv
Reduced	15A	76	48	9.5	1.0	1.0	15A	76	48	9.5	0.9	6.0	
	20A	86	54	12.7	1.3	2.7	20A	86	54	12.7	1.1	11.3	
	25A	102	63	17.5	2.3	5.4	25A	102	63	18.0	2.0	26.3	
	32A	152	81	22.5	5.0	16.0	32A	117	86	31.0	4.4	78.0	
	40A	152	81	29.5	5.0	16.0	40A	117	86	31.0	4.4	78.0	
	50A	172	102	35.0	7.0	20.0	50A	133	102	37.0	6.2	115.0	

Flanged									
Size	φ D			Weight (Kg)			Cv		
	150 (10K)	300 (20K)	600	150 (10K)	300 (20K)	600			
15A	108	108	165	2.5	3.0	3.3	6.0		
20A	117	117	190	3.1	4.0	4.6	11.3		
25A	127	127	216	4.7	6.0	6.6	26.3		
32A	140	140	229	8.7	11.0	12.2	78.0		
40A	165	165	241	8.7	11.0	12.2	78.0		
50A	178	178	292	12.2	14.0	15.8	115.0		