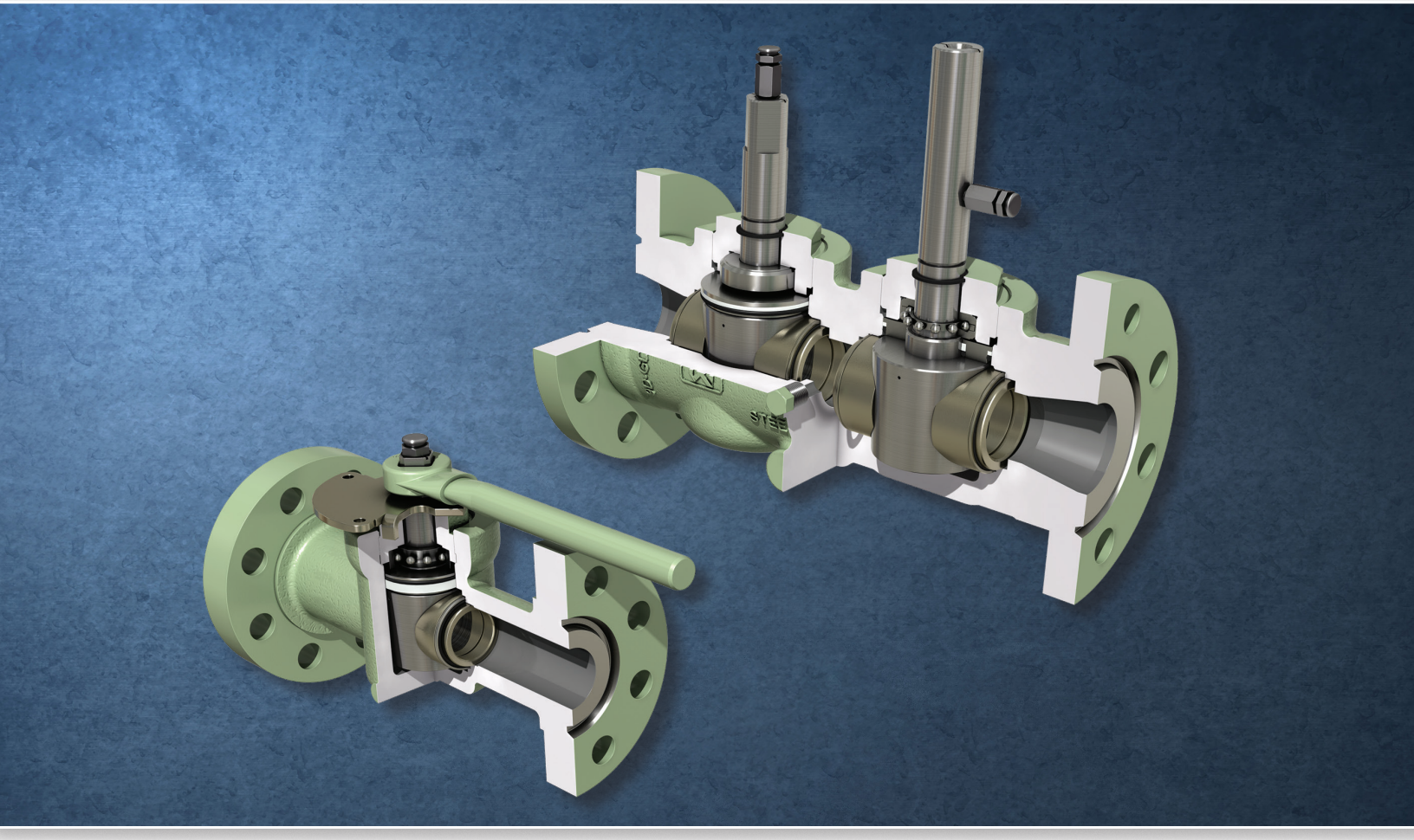
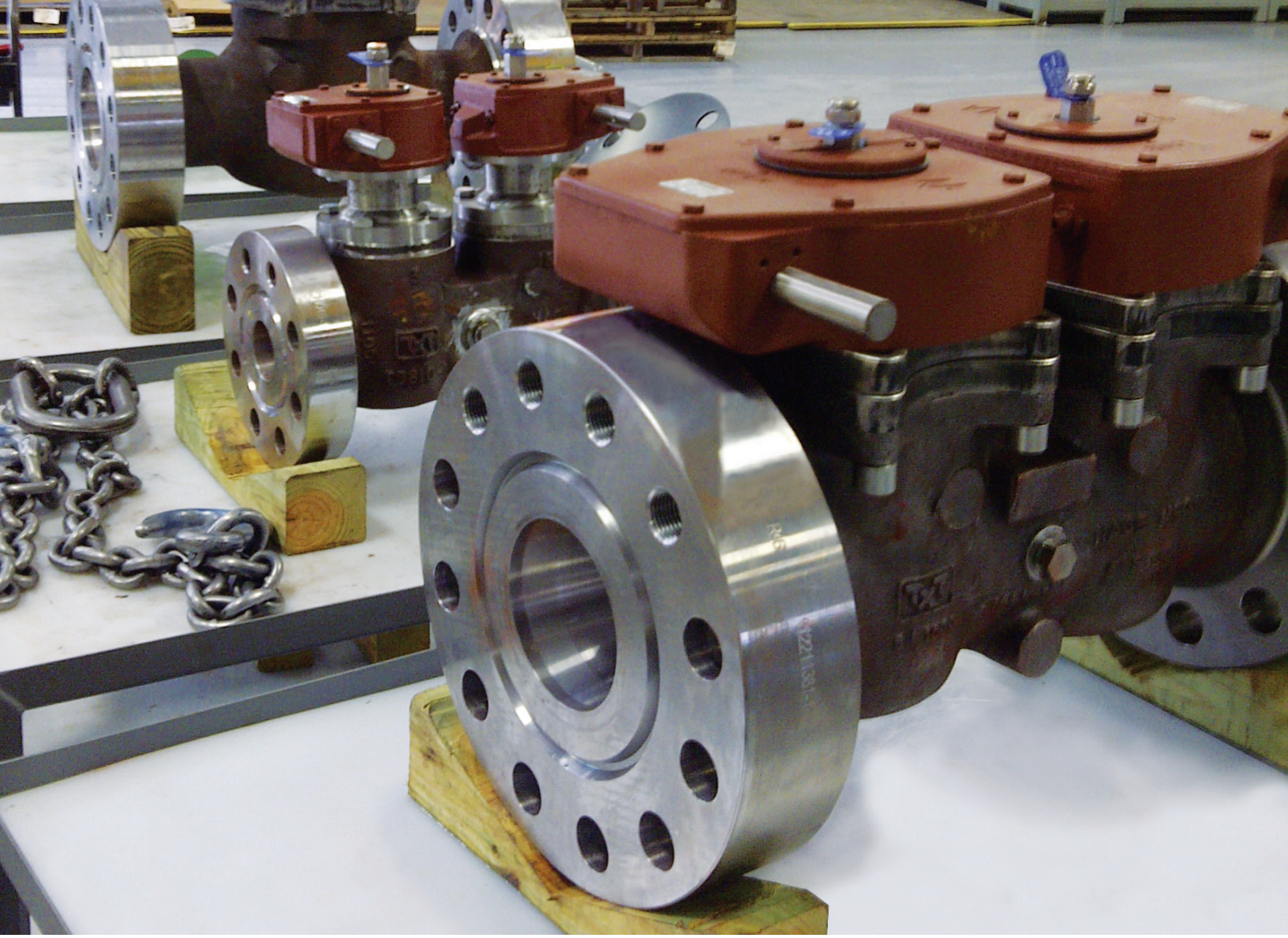
CAMERON
A Schlumberger Company



TEXSTEAM Super G

Plug valves



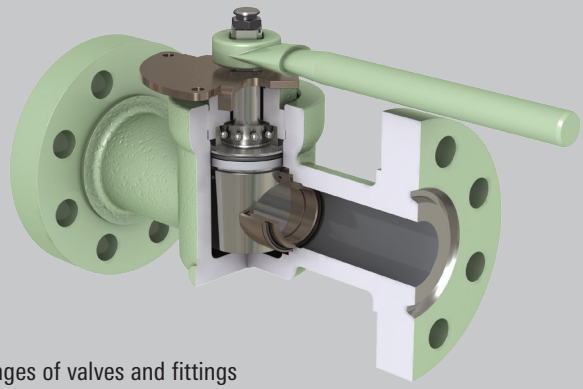
Content

TEXSTEAM Super G plug valves

Design Standards

The TEXSTEAM* Super G plug valve's reputation for tight shutoff and long service life has made it a preferred valve for manifold and production services in erosive environments.

TEXSTEAM Super G valves conform to the latest edition of the following industry specifications as applicable:



- B1.20.1—Pipe threads, general purpose
- B16.5—Pipe flanges and flange fittings
- B16.10—Face-to-face and end-to-end dimensions of valves
- B16.25—Butt welding ends
- B16.34—Valve-flanged, threaded, and welding end
- API—American Petroleum Institute
- 6D—Specification for pipeline valves (monogram available)
- 6FA—Fire test for valves
- MSS—Manufacturer's Standardization Society of the valve and fittings industry
- SP-6—Standard finishes for contact faces of pipe flanges and connecting end flanges of valves and fittings
- SP-25—Standard marking system for valves, fittings, flanges, and unions
- SP-55—Quality standard for steel castings for valves, flanges, fittings, and other piping components (visual methods)
- NACE MR0175—Sulfide-stress-cracking-resistant metallic materials for oilfield equipment
- Equipped with a lock open-and-close position indicator

Metal-to-metal seating

- Hard-coated plug (70 Rc)
- Erosion-resistant design
- Maximum service life

Sealant injection

- Internal sealant path to provide sealing on damaged seats
- Extended service life
- Lower torques

Other features

- Ease of actuation
- Round ports—low turbulence and pressure drop
- Valve bores to match pipe bores
- API 6D and NACE MR0175 standard
- Fire safe to API 6FA
- Locking device standard
- Valve position indicator standard

Inline repairable

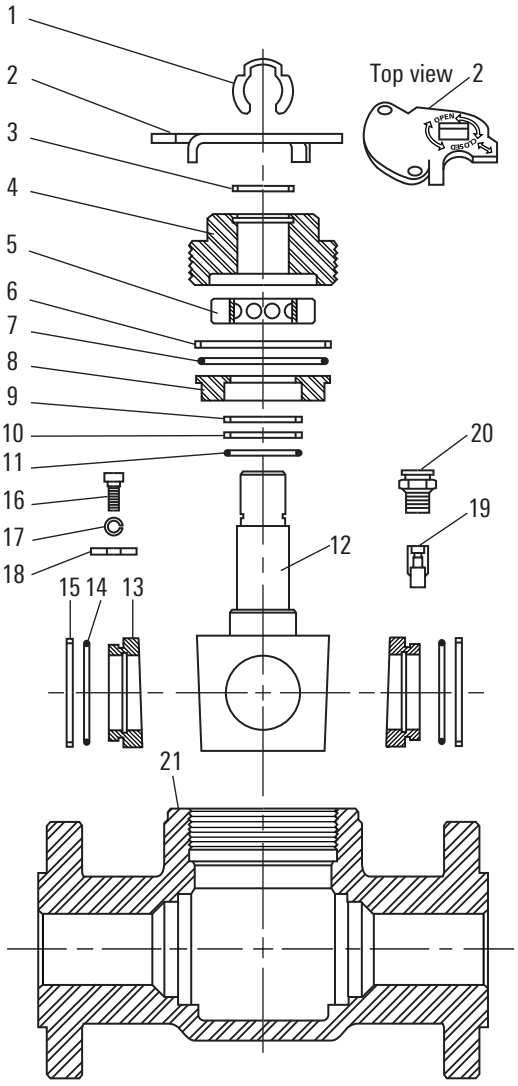
- Top entry, field repairable—no special tools, machining, or training required
- Teflon® encapsulated cover for easy removal
- Plug and seats fully interchangeable without lapping
- Built and tested in accordance with API 6D and B16.34
- Full-port or reduced-port design
- Blowout-proof plug—integral plug and stem
- Construction to NACE MR0175 standard
- Wrench, bar, or worm gear operated—actuator compatible
- Renewable plug, seats, and trim parts—fully interchangeable without lapping
- Round ports—low turbulence and pressure drop
- Equipped with a lock open-and-close position indicator

Parts List

When ordering parts, please furnish item number and part name as given below, plus valve model, size, and working pressure.

Item		Number Required	Description	Material
	1	1	Collar retaining ring	Steel, nickel plated
	2	1	Locking collar position indicator	Steel, nickel plated
	3	1	Dirt excluder	Peroxide-cured Buna-N
	4	1	Adjusting nut	ANSI Class—ASTM A352 LCC; API—ASTM A487 GR4C
■	5	1	Thrust bearing	Alloy steel
■●	6	1	Packing ring	Grafoil
■●	7	1	Body O-ring	Buna-N standard†
■●	8	1	Packing plate	316 stainless steel
■●	9	1	Stem packing	Grafoil®
■●	10	1	Backup ring	Teflon
■●	11	1	Stem O-ring	Buna-N standard†
■‡	12	1	Plug	1018 steel, chrome plated†
■	13	2	Seat	Nickel alloy ASTM B584
■	14	2	Seat O-ring	Buna-N standard‡
■	15	2	Spacer ring	Alloy steel, nickel plated
	16	1	Stop screw	304 stainless steel
	17	1	Lock washer	Stainless steel
	18	1	Lock plate	Carbon steel, zinc plated
‡	19	1	Lube check	316 stainless steel
‡	20	1	Button head fitting	316 stainless steel
	21	1	Body	ANSI Class—ASTM A352 LCC; API—ASTM A487 GR4C

■ Repair kit.
● Packing plate assembly parts.
† Other materials available.
‡ Plug assembly parts.



Accessories and Repair Kits

Stem Wrenches			
Valve Size, in	**Valve Type**	**Part Number**	**Weight, lbm**
2	Reduced port (RP)	9D-GB 1878	12
2	Full port (FP)	9D-GB 1879	15
2½	RP	9D-GB 1879	15
2½	FP	9D-GB 1959	18
3	RP	9D-GB 1959	18
3	FP	9D-GB 1942	20
4	RP	9D-GB 1942	20
4	FP	9D-GB 1745	20
6	RP	9D-GB 1745	20

Wrench Heads Operated with Bar or Rod		
Valve Size, in	**Valve Type**	**Part Number**
2	RP	9D-GA 3247
2	FP	9D-GA 3248
2½	RP	9D-GA 3248
2½	FP	9D-GA 3249
3	RP	9D-GA 3249
3	FP	9D-GA 3250
4	RP	9D-GA 3250
4	FP	na—use gear
6	RP	na—operator

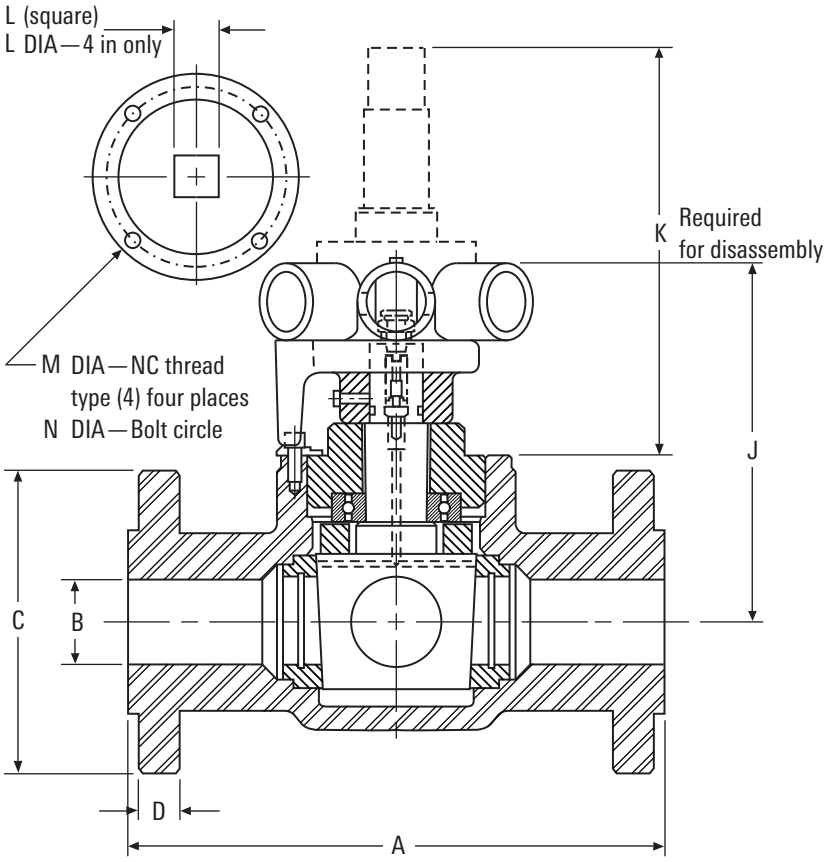
Adjusting Nut Wrenches		
Valve Size, in	**Valve Type**	**Part Number**
2	RP	9D-GB 1728
2	FP	9D-GB 1729
2½	RP	9D-GB 1729
2½	FP	9D-GB 1730
3	RP	9D-GB 1730
3	FP	9D-GB 1731
4	RP	9D-GB 1731
4	FP	9D-GB 1772
6	RP	9D-GB 1772

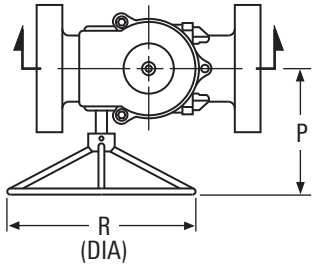
Repair Kits				
			Application	
Valve Size, in	**Valve Type**	**Kit Part Number†**	**API 1000/1500/2000 ASME 400/600**	**API 3000/5000 ASME 900/1500/2500**
2	RP	9D-GA 3113-0	•	
2	RP	9D-GA 3113-1		•
2	FP	9D-GA 3114-0	•	•
2½	RP	9D-GA 3114-0	•	•
2½	FP	9D-GA 3115-0	•	•
3	RP	9D-GA 3115-0	•	•
3	FP	9D-GA 3116-0	•	•
4	RP	9D-GA 3116-0	•	•
4	FP	9D-GA 3256-0	•	•
6	RP	9D-GA 3256-0	•	•
8	RP	Consult factory		

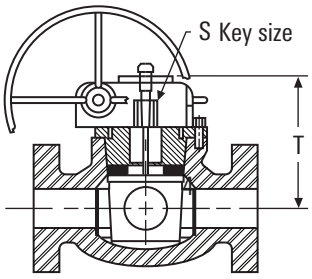
Repair kits include the plug, seats, all soft parts, packing plate, and thrust bearing.

† When ordering repair kits, specify plug material: A—aluminum bronze; C—hard chrome plated steel. Example: GA-3113C-0.

Reduced-Port Dimensions and Weights





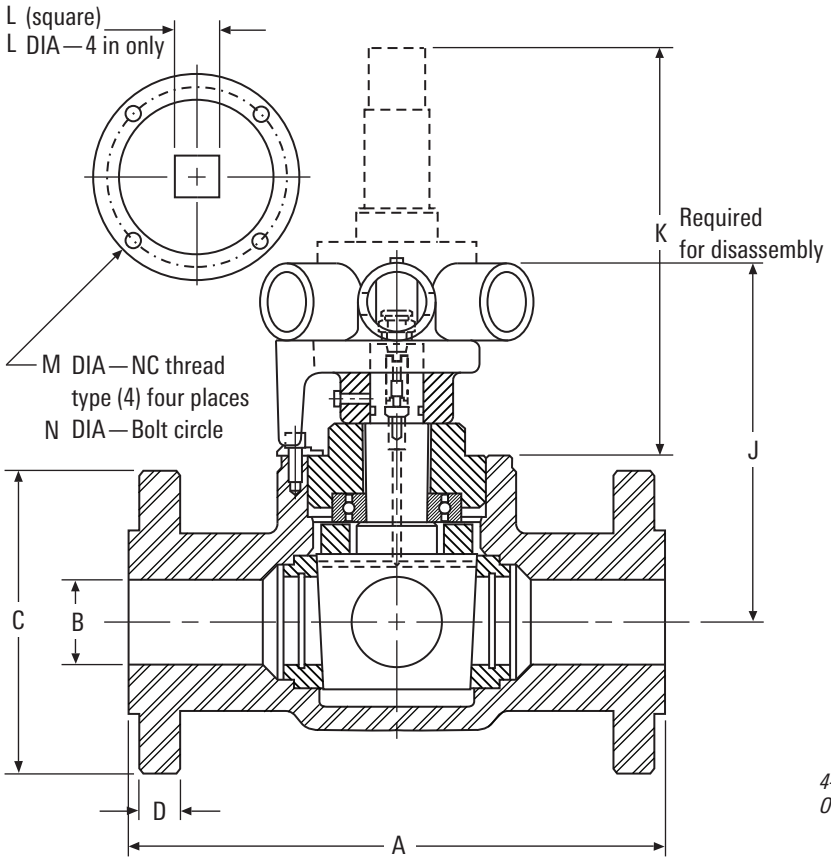


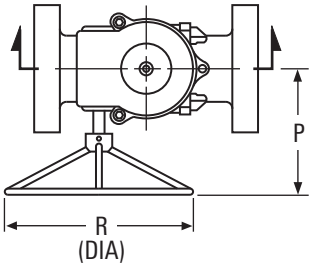
6-in valve available only with operator.
Other sizes, choose bar or operator.

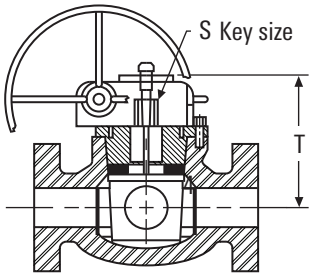
Dimensions and Weights

Size,	Pressure Class		A			B	C	D	J	K	L	M	N	P	R	S	T	Weight, lbm	
in	ASME	PSI	RF	RJ	SE/BW													Flange	Thread
2	400/600	2,000	11.50	11.63	7.50	1.75	6.50	1.25	7.06	7.00	–	–	–	–	–	–	–	54	28
	900/1,500	3,000/5,000	14.50	14.63	8.75	1.75	8.50	1.75	7.56	7.25	–	–	–	–	–	–	–	98	35
	2,500	–	17.75	17.88	–	1.75	9.25	2.25	7.56	7.25	–	–	–	–	–	–	–	146	–
2½	400/600	2,000	13.00	13.12	10.25	2.12	7.50	1.38	8.63	8.25	1.24	⅜–16	5.00	9.63	12	0.25 sq.	8.56	114	48
	900	3,000	16.50	16.62	10.25	2.12	8.62	1.88	8.63	8.25	1.24	⅜–16	5.00	9.63	12	0.25 sq.	8.56	153	50
	1,500	5,000	16.50	16.62	10.25	2.12	9.25	1.88	8.63	8.25	1.24	⅜–16	5.00	9.63	12	0.25 sq.	8.56	185	50
	2,500	–	20.00	20.12	–	2.12	9.25	2.50	8.63	8.25	1.24	⅜–16	5.00	9.63	12	0.25 sq.	8.56	225	–
3	400/600	2,000	14.00	14.12	11.63	2.62	8.25	1.50	9.25	9.13	1.50	½–13	6.00	10.94	18	0.50 sq.	9.53	182	74
	900	3,000	15.00	15.12	11.63	2.62	9.50	1.75	9.25	9.13	1.50	½–13	6.00	10.94	18	0.50 sq.	9.53	210	82
	1,500	5,000	18.50	18.62	11.63	2.62	10.50	2.13	9.25	9.13	1.50	½–13	6.00	10.94	18	0.50 sq.	9.53	272	82
	2,500	–	22.75	22.88	–	2.62	12.00	2.88	9.25	9.13	1.50	½–13	6.00	10.94	18	0.50 sq.	9.53	320	–
4	400	–	16.00	16.12	–	3.12	10.00	1.63	10.13	10.50	1.75	½–13	6.88	10.94	30	0.50 sq.	10.41	240	–
	600	2,000	17.00	17.12	12.00	3.12	10.75	1.75	10.13	10.50	1.75	½–13	6.88	10.94	30	0.50 sq.	10.41	261	115
	900	3,000	18.00	18.12	12.00	3.12	11.50	2.00	10.13	10.50	1.75	½–13	6.88	10.94	30	0.50 sq.	10.41	271	115
	1,500	5,000	21.50	21.62	12.00	3.12	12.25	2.38	10.13	10.50	1.75	½–13	6.88	10.94	30	0.50 sq.	10.41	314	120
	2,500	–	26.50	26.88	–	3.12	14.00	3.25	10.13	10.50	1.75	½–13	6.88	10.94	30	0.50 sq.	10.41	474	–
6	300	–	15.87	–	–	4.06	12.50	1.38	–	14.81	2.97	¾–10	13.00	13.81	30	0.75 sq.	12.06	420	–
	600	2,000	22.00	22.12	18.50	4.06	14.00	2.19	–	14.81	2.97	¾–10	13.00	14.91	30	0.75 sq.	12.06	571	–
	900	3,000	24.00	24.12	–	4.06	15.00	2.50	–	14.81	2.97	¾–10	13.00	16.75	36	0.75 sq.	12.06	700	–
	1,500	5,000	27.75	28.00	–	4.06	15.50	3.62	–	14.81	2.97	¾–10	13.00	16.75	36	0.75 sq.	12.06	715	–
	2,500	–	–	36.50	–	4.06	19.00	4.15	–	14.81	2.97	¾–10	13.00	16.75	36	0.75 sq.	13.74	1,227	–
8	600	–	26.00	26.12	–	6.06	16.50	2.19					Consult engineering						
	1,500	–	32.75	33.12	–	6.06	19.00	3.62					Consult engineering						

Full-Port Dimensions and Weights







4-in FP valves and larger available only with operator. Other sizes, choose bar or operator.

Dimensions and Weights

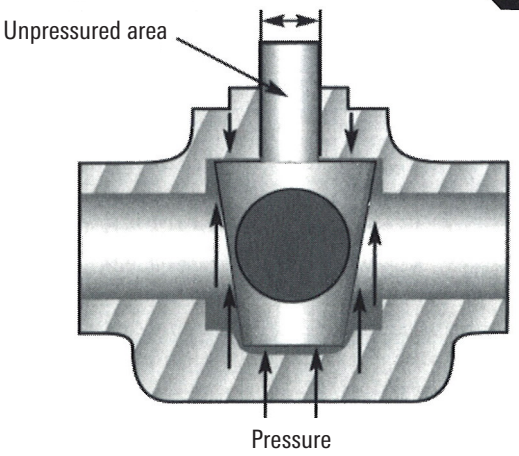
Size,	Pressure Class		A			B	C	D	J	K	L	M	N	P	R	S	T	Weight, lbm	
in	ASME	PSI	RF	RJ	SE/BW													Flange	Thread
2	300	–	11.12	–	–	2.12	6.50	0.875	8.63	8.25	1.24	⅜-16	5.00	9.63	12	0.25 sq.	8.56	105	–
	400/600	2,000	13.00	13.12	10.25	2.12	6.50	0.875	8.63	8.25	1.24	⅜-16	5.00	9.63	12	0.25 sq.	8.56	117	57
	900	3,000	15.00	15.12	10.25	2.12	8.50	1.75	8.63	8.25	1.24	⅜-16	5.00	9.63	12	0.25 sq.	8.56	145	57
	1,500	5,000	15.38	15.50	10.25	2.12	8.50	1.75	8.63	8.25	1.24	⅜-16	5.00	9.63	12	0.25 sq.	8.56	155	57
	2,500	–	17.75	17.88	–	2.12	9.25	2.00	8.63	8.25	1.24	⅜-16	5.00	9.63	12	0.25 sq.	8.56	175	–
2½	400/600	2,000	15.00	15.12	11.63	2.62	7.50	1.38	9.25	9.13	1.50	½-13	6.00	10.94	18	0.50 sq.	9.53	183	90
	900	3,000	17.00	17.12	11.63	2.62	9.63	1.88	9.25	9.13	1.50	½-13	6.00	10.94	18	0.50 sq.	9.53	215	90
	1,500	5,000	17.88	18.00	11.63	2.62	9.63	1.88	9.25	9.13	1.50	½-13	6.00	10.94	18	0.50 sq.	9.53	255	90
	2,500	–	20.00	20.12	–	2.62	10.50	2.25	9.25	9.13	1.50	½-13	6.00	10.94	18	0.50 sq.	9.53	285	–
3	300	–	15.25	–	–	3.12	8.25	1.12	8.81	10.50	1.75	–	–	–	–	–	–	215	–
	600	2,000	17.50	17.62	12.00	3.12	8.25	1.50	10.13	10.50	1.75	½-13	6.88	10.94	30	0.50 sq.	10.41	245	121
	900	3,000	18.50	18.62	12.00	3.12	9.50	1.75	10.13	10.50	1.75	½-13	6.88	10.94	30	0.50 sq.	10.41	272	126
	1,500	5,000	20.63	20.75	12.00	3.12	10.50	2.13	10.13	10.50	1.75	½-13	6.88	10.94	30	0.50 sq.	10.41	320	126
	2,500	–	22.75	22.88	–	3.12	12.00	2.63	10.13	10.50	1.75	½-13	6.88	10.94	30	0.50 sq.	10.41	355	–
4	300	–	18.00	–	–	4.06	10.00	1.25	11.93	14.81	1.75	–	–	–	–	–	–	350	–
	600	2,000	20.00	20.12	–	4.06	10.75	1.81	–	14.81	2.97	¾-10	13.00	14.91	30	0.75 sq.	12.06	439	–
	900	3,000	22.00	22.12	–	4.06	11.50	1.94	–	14.81	2.97	¾-10	13.00	16.75	36	0.75 sq.	12.06	570	–
	1,500	5,000	24.62	24.75	–	4.06	12.25	2.19	–	14.81	2.97	¾-10	13.00	16.75	36	0.75 sq.	12.06	619	–
6	600	–	26.00	26.12	–	6.06	14.00	1.88					Consult engineering						
	900	–	24.00	24.12	–	6.06	15.00	2.19					Consult engineering						
	1,500	–	27.75	28.00	–	6.06	15.50	3.25					Consult engineering						

6-in full-port ASME 900 and ASME 1500 have the same face-to-face as reduced-port.

Comparison Chart and Average Operating Torque

Performance Feature	TEXSTEAM Super G Valve	Plug Valve
Top entry—field repairable	Yes	No
Replaceable metal-to-metal seats	Yes	No
Part interchangeability	Yes	No
Integral plug and stem—no dead band	Yes	No
Low pressure drop	Yes	No
Round port and low turbulence	Yes	No
Full port	Yes	No
NACE standard	Yes	No
Sealant injection	Yes	Yes
Erosive service	Yes	Yes
H_2S service	Yes	Yes
CO_2 service	Yes	Yes

PRESSURE BALANCED PLUS™



Unpressured area at stem results in lifting force, which prevents wedging of plug.

Average Operating Torque, 2- to 8-in Reduced Port, ft.lbf

Size, in	2	2½	3	4	4	6	6	8	8
Port, psi	1.75	2.12	2.62	3.12	3.44	4.06	5.189	6.06	6.81
0	22	55	88	88	88	110	132	165	306
500	44	110	132	154	154	303	396	1,000	1,850
1,000	66	165	198	242	296	638	880	1,829	3,385
1,500	88	220	264	330	508	858	1,518	2,659	4,918
2,000	121	275	330	413	678	1,078	1,761	3,488	6,453
2,500	143	330	385	495	889	1,320	2,464	4,290	7,937
3,000	165	385	440	583	1,058	1,540	2,723	5,225	9,667
3,500	193	440	495	671	1,186	1,782	3,300	6,050	11,193
4,000	209	495	572	770	1,397	2,024	3,795	6,807	12,593
4,500	237	550	635	858	1,566	2,255	4,235	7,636	14,127
5,000	264	605	682	935	1,779	2,475	4,565	8,466	15,662
5,500	286	660	748	1,023	1,936	2,695	5,170	9,295	17,196
6,000	319	715	825	1,111	2,145	2,915	5,610	10,120	18,730
6,500	338	770	875	1,196	2,332	3,177	6,160	10,954	20,264

All torques are in ft.lbf. These torques do not include a safety factor.
For actuator sizing, add 50% to the listed torques.

Flow Coefficients (C_V)

Valve Size, in	Pressure Class	Bore Type, Type	Plug Port, Port	End Port, Port	L	Beta	Theta	Friction Factor	K1	K2	C_V	K_V
2	na	RP	1.75	2.06	–	0.850	30	0.019	0.057	0.320	224	194
2	na	FP	2.12	2.06	15.00	–	–	0.019	0.057	–	531	459
2½	na	RP	2.12	2.62	–	0.809	30	0.018	0.054	0.480	296	256
2½	na	FP	2.62	2.62	17.00	–	–	0.018	0.054	–	883	764
3 × 1.75	na	RP	1.75	3.12	18.63	0.561	30	0.018	0.054	5.173	128	111
3 × 2.12	na	RP double plug	2.12	3.12	23.00	0.808	10	0.018	0.054	0.745	190	164
3	na	RP	2.62	3.12	–	0.840	30	0.018	0.054	0.349	493	426
3	na	FP	3.12	3.12	18.50	–	–	0.018	0.054	–	1,253	1,084
4 × 2.62	na	RP	2.62	4.06	21.63	0.645	20	0.017	0.051	1.648	384	332
4 × 2.62	1500	RP	2.62	4.06	21.63	0.645	20	0.017	0.051	1.648	456	394
4	na	RP	3.12	4.06	–	0.768	30	0.017	0.051	0.713	584	505
4	na	FP	4.06	4.06	22.00	–	–	0.017	0.051	–	2,182	1,887
6 × 3.44	900	RP	3.44	6.06	28.00	0.568	30	0.015	0.045	4.762	503	435
6 × 3.44	1500	RP	3.44	6.06	28.00	0.568	20	0.015	0.045	3.338	601	520
6	na	RP	4.06	6.06	–	0.670	30	0.015	0.045	1.804	817	707
6 × 5.19	na	Flowline SCH80	5.19	5.76	28.26	0.901	20	0.015	0.045	0.132	2,727	2,359
6	na	FP6.06	6.00	6.06	29.00	–	–	0.015	0.045	–	5,176	4,477
8 × 5.19	na	RP	5.19	8.00	33.12	0.649	30	0.014	0.042	2.188	1294	1,119
8	na	RP	6.06	8.00	–	0.758	30	0.014	0.042	0.767	2,185	1,890
8 × 6.81	na	Flowline SCH100	6.81	7.44	31.01	0.916	20	0.014	0.042	0.108	5,023	4,345

Pressure Drop Across Valve

$\Delta P = (\rho / 62.4) \times (Q / C_V)^2$

Where: ΔP = Pressure drop, psi

ρ = Fluid density, lbm/ft^3

Q = Fluid flow rate, galUS/min

C_V = Flow coefficient of valve

Given: Water at 200 degF flows through a 4-in, reduced-port, TEXSTEAM Super G plug valve at a flow rate of 400 galUS/min

ρ = 60.1 (lbm/ft^3) at 200 degF

Q = 400 galUS/min

C_V = 584

Find: Pressure drop ΔP across valve

Solution: $\Delta P = (60.1/62.4) \times (400/584)^2$

$\Delta P = 0.963 \times (0.685)^2$

$\Delta P = 0.963 \times 0.469$

$\Delta P = 0.452$ psi

Single-Body and Dual-Plug Double-Block-and-Bleed Valve

Features

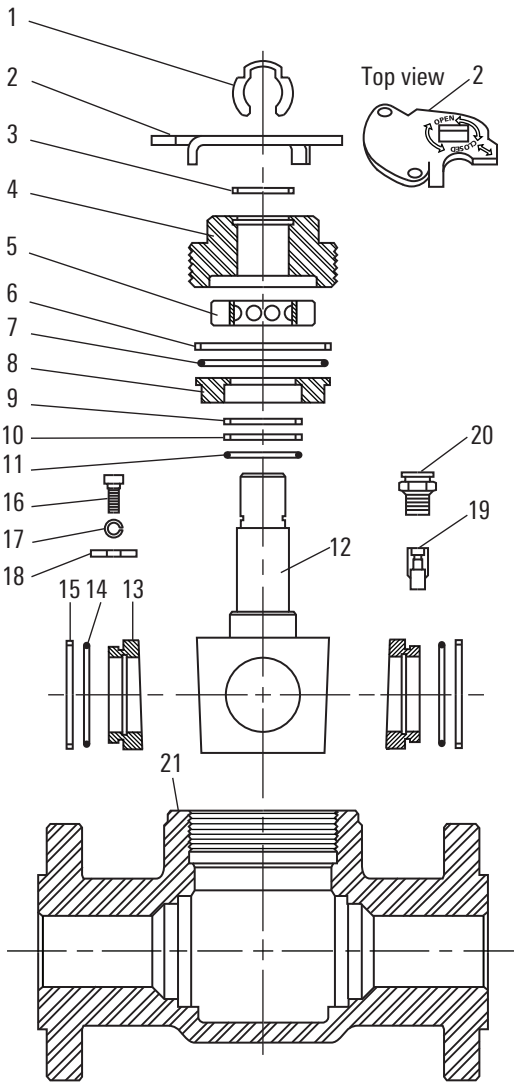
- Double block and bleed in single valve length
- Reduced connections for faster installation and reduced leak paths
- Built and tested in accordance with API 6D and B16.34
- Top entry, field repairable—no special tools or training required
- Low torque
- Fire safe to API 6FA
- Blowout-proof plugs—integral plug and stem
- Construction to NACE MR0175 standard
- Each closure assembly is wrench, bar, worm gear, or actuator compatible
- Renewable plugs, seats, and trim parts—fully interchangeable without lapping, special fitting, or machining
- Round ports—low turbulence and pressure drop
- Equipped with lock open-close position indicators on each closure assembly

When ordering parts, please furnish item number and part name as given below, plus valve model, size, and working pressure. The quantities listed are for one plug assembly.

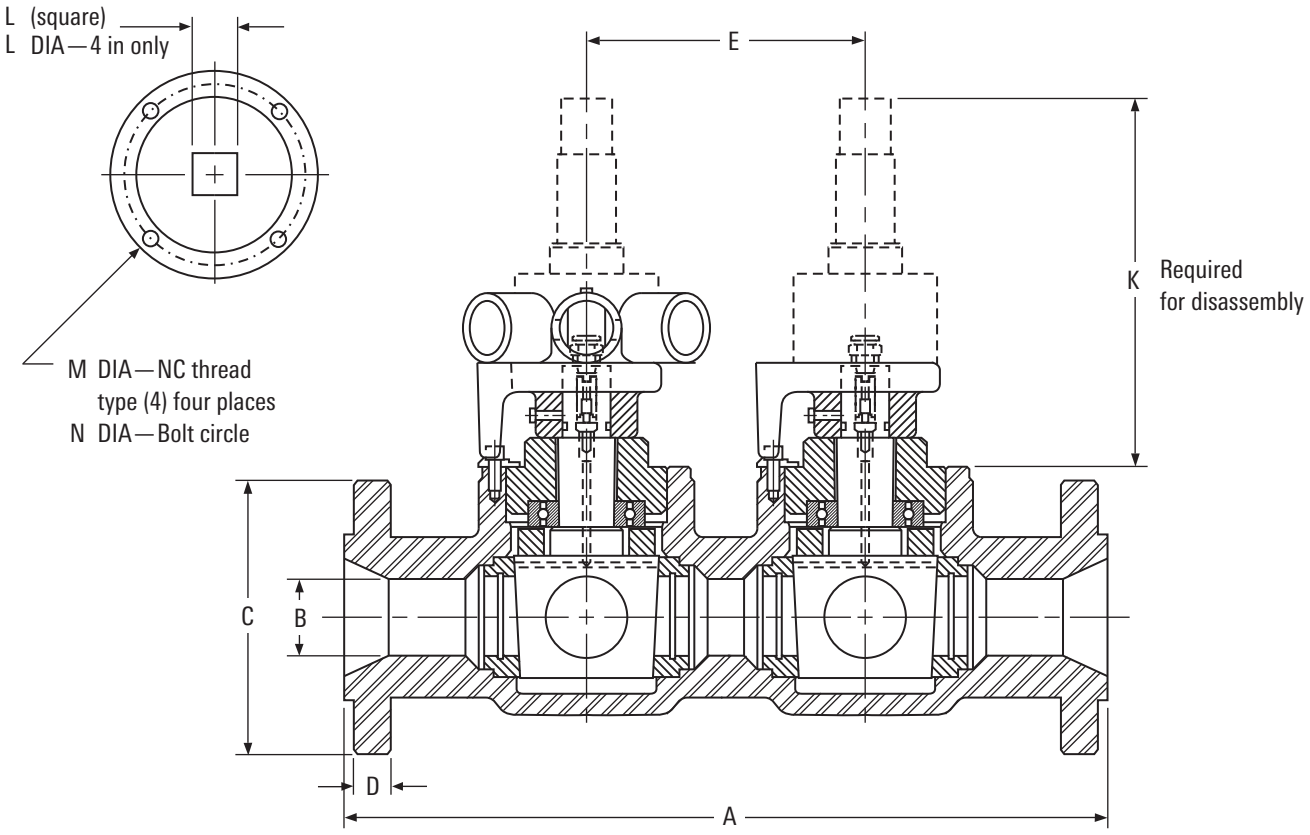
Item	Number Required	Description	Material
1	1	Collar retaining ring	Steel, nickel plated
2	1	Locking collar	Steel, nickel plated
3	1	Dirt excluder	Buna-N
4	1	Adjusting nut	ANSI Class—ASTM A352 LCC; API—ASTM A487 GR4C
5	1	Thrust bearing	Alloy steel
6	1	Packing ring	Graphite
7	1	Body O-ring	Buna-N standard†
8	1	Packing plate	316 stainless steel
9	1	Stem packing	Graphite
10	1	Backup ring	Teflon
11	1	Stem O-ring	Buna-N standard†
12	1	Plug	1018 chrome plated†
13	2	Seat	Nickel alloy ASTM B584
14	2	Seat O-ring	Buna-N standard†
15	2	Spacer ring	Alloy steel, nickel plated
16	1	Stop screw	300 stainless steel
17	1	Lock washer	Stainless steel
18	1	Lock plate	Nickel plated
19	1	Lube check	316 stainless steel
20	1	Button head fitting	316 stainless steel
21	1	Body	ASTM A487 4C†; ANSI Class—ASTM A352 LCC; API—ASTM A487 GR4C

† Other materials available.

Kit	Quantity	Description	Item Numbers Required
1	2	Packing plate assembly part	6, 7, 8, 9, 10, 11
2	2	Plug assembly part	12, 19, 20
3	2	Repair kit	6, 7, 8, 9, 10, 12, 13, 14, 15



Double-Block-and-Bleed Valve

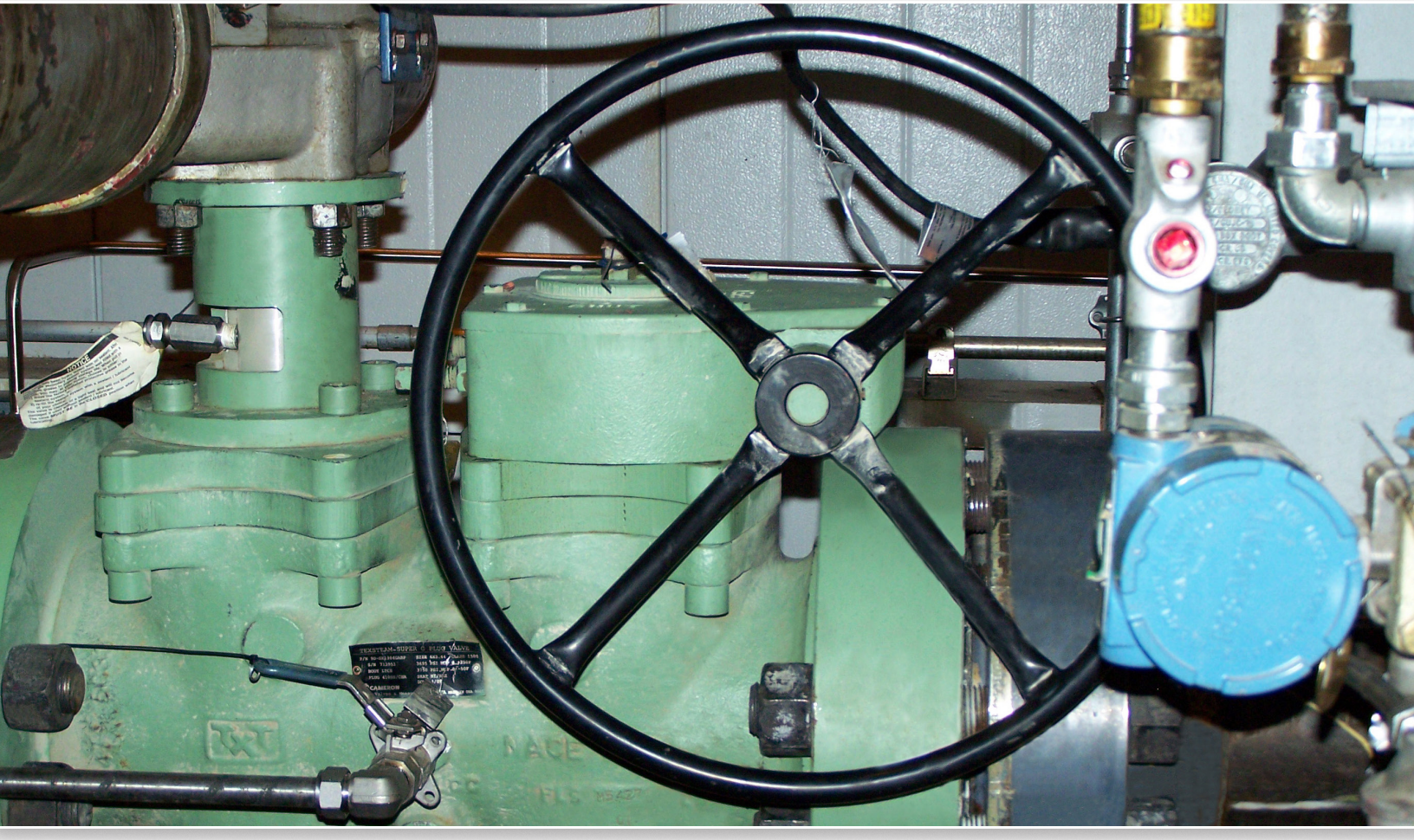


Dimensions and Weights

Size, T	Pressure Class ASME	A			B	C	D	E	K	L	M	N	P	R	S	T
		API	RF	RJ												
2	900	3,000	14.50	14.63	1.75	8.50	1.75	5.75	11.33	1.35Ø	5⁄16–18	4.12	8.19	10	0.25 sq.	11.95
	1,500	5,000	14.50	14.63	1.75	8.50	1.75	5.75	11.33	1.35Ø	5⁄16–18	4.12	8.19	10	0.25 sq.	11.95
	2,500	–	17.75	17.88	1.75	9.25	2.25	6.50	11.33	1.35Ø	3⁄8–16	4.50	8.52	10	0.25 sq.	11.95
3	600	2,000	14.00	–	1.75	8.25	1.50	5.50	10.93	1.25Ø	5⁄16–18	4.12	5.88	8	0.25 sq.	11.55
	900	3,000	15.00	15.12	1.75	9.50	1.75	5.50	10.93	1.25Ø	5⁄16–18	4.12	5.88	8	0.25 sq.	11.55
	1,500	5,000	18.50	18.62	2.12	10.50	2.13	6.25	12.25	1.56Ø	1⁄2–13	5.13	8.19	10	0.25 sq.	12.72
	2,500	–	22.75	23.00	2.12	12.00	2.88	8.25	11.56	1.25Ø	1⁄2–13	6.00	9.81	14	–	12.03
4	600	2,000	17.00	17.12	1.75	10.75	1.50	6.25	11.33	1.36Ø	3⁄8–16	4.25	8.19	10	0.25 sq.	11.95
	900	3,000	18.00	18.12	–	–	–	–	–	–	–	–	–	–	–	–
	1,500	5,000	21.50	21.62	2.62	12.25	2.38	8.25	12.25	1.75Ø	1⁄2–13	6.00	10.75	12	–	12.34
	2,500	–	26.50	26.88	3.12	14.00	3.25	9.50	16.75	2.50Ø	3⁄4–10	12.00	10.60	18	0.50 sq.	14.13
6	600	2,000	22.00	22.00	3.44	14.00	2.19	8.88	13.14	2.15Ø	3⁄4–10	11.25	9.81	14	0.50 sq.	12.84
	900	3,000	24.00	24.12	3.44	15.00	2.50	8.88	13.14	2.15Ø	3⁄4–10	11.25	10.69	18	0.50 sq.	12.84
	1,500	5,000	27.75	28.00	3.44	15.50	3.62	9.50	13.14	2.15Ø	3⁄4–10	11.25	10.57	18	0.50 sq.	12.84
	2,500	–	–	36.50	4.09	19.00	4.75	13.25	18.81	2.97Ø	3⁄4–10	13.00	15.10	24	0.75 sq.	17.78
8	1,500	5,000	–	33.12	4.09	19.00	3.62	12.00	18.81	2.97Ø	3⁄4–10	13.00	15.10	24	0.75 sq.	17.78
	2,500	–	–	40.88	4.09	21.75	5.56	14.00	18.81	2.97Ø	3⁄4–10	13.00	15.10	24	0.75 sq.	17.78

6-in full-port ASME 900 and ASME 1500 have the same face to face as reduced port.

TEXSTEAM Super G



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