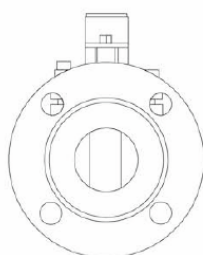
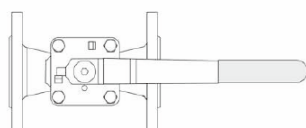
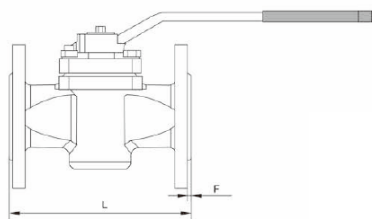


EFSChem

EF51 FLANGED PLUG VALVE PTFE LINED



MAIN QUALITIES

- Cost-effective alternative to exotic materials.
- Lightweight for easy handling and installation.
- Enables automation integration.
- Superior corrosion resistance with PFA lining.
- Available in EN and ANSI standards.

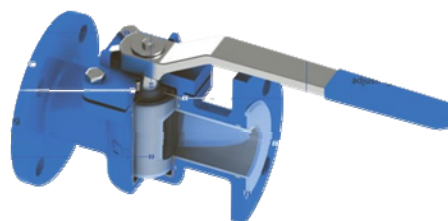
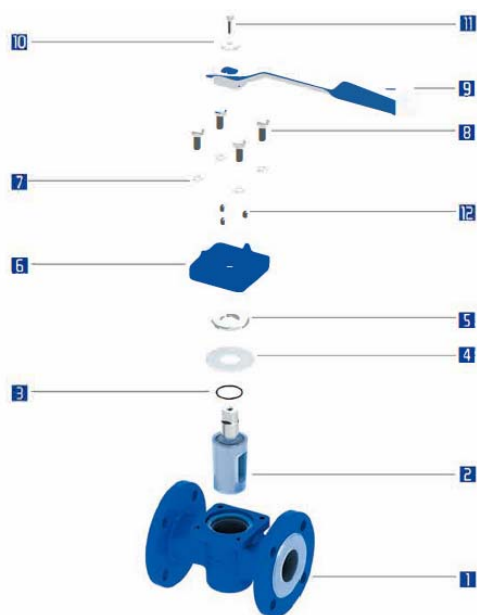
EFS 51 FEATURES

Size	15mm-300mm (0.5"-12")
Working pressure	0.1 mbar-16 bar
Temperature range	~20° C ~ 200° C according to working conditions, other temperatures on request.
Design and Manufacture	API 599
Face to Face	ASME 816.10 DIN 3202 JIS 82002
Flange Ends	ASME 816.5 DIN 2532 JIS 82212
Visual Inspection	MSS Sp54
Testing	API 598 DIN 12569 JIS B2003
Pressure & Temperature	ASME B16.34
Operator Type	Lever/ Gear/ Pneumatic/ Electric
Spark testing	14kv

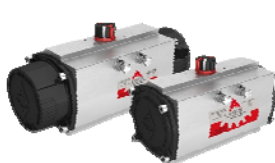
SIZES

DN	NPS	ASME 150LB		JIS 10K		DIN2532 PN10		Weight	CV	Torque
[mm]	in	L	F	L	F	L	F	[1kg]		Nm
15	½	108	2	130	2	130	2	2.4	14	10
20	¾	117	2	150	2	150	2	2.4	14	12
25	1	127	2	160	2	160	2	3.4	55	17
40	1½	165	2	200	2	200	2	4.9	210	39
50	2	178	2	230	2	230	2	6	310	70
80	3	203	2	310	2	310	2	9	684	180
100	4	229	2	350	2	350	2	19	1546	305
150	6	267	2	480	2	480	2	48	3262	712
200	8	292	2	600	2	600	2	65	4565	1011
250	10	330	2	730	2	730	2	88	10250	1840
300	12	356	2	850	2	850	2	125	17500	2435

EFSChem EF51 FLANGED PLUG VALVE PTFE LINED



No	Description	Qty	Material			
1	BODY	1	Carbon Steel+PFA/FEP/ETFE	A216WGB	G5151-SCPH2	G5121 SC+AM40:AM57S13A
			Stainless Steel+PFA/FEP/ETFE	A351 CF8	G5121 SCS13A	G-X6GrNiMo181 O
			Ductile Iron+PFA/FEP/ETFE	ASTM A395	FCD40	GGG-40 (0.7040)
2	ONE-PIECE PLUG	1	Carbon Steel+PFA/FEP/ETFE	A216WGB	G5151-SCPH2	GS-45(1.0446)
			Stainless Steel+PFA/FEP/ETFE	A351 GF8	G5121 SCS13A	G-X6GrNiMo181 O
			Ductile Iron+PFA/FEP/ETFE	ASTM A395	FCD400	GGG-40 (0.7040)
3	O-RING	1	VITON			
4	DIAPHRAGM	1	PFA/PTFE			
5	GASKET	1	Stainless Steel	A 182 F304	G4303-SUSF304	X5CrNi18 10 DIN 1.4301
6	BONNET	1	Carbon Steel	A216-WCB	G5151 SCPH2	GS-45(1.0446)
			Stainless Steel	A 182 F304	G4303-SUSF304	X5CrNi18 10 DIN 1.4301
			Ductile Iron	ASTM A395	FCD400	GGG-40 (0.7040)
8	WASHER	4	Stainless Steel	A 182 F304	G4303-SUSF304	X5CrNi18 10 DIN 1.4301
9	BONNET BOLT	4	Stainless Steel	A 182 F304	G4303-SUSF304	X5CrNi18 10 DIN 1.4301
10	HANDLE	1	Stainless Steel	A 182 F304	G4303-SUSF304	X5CrNi18 10 DIN 1.4301
11	WASHER	1	Stainless Steel	A 182 F304	G4303-SUSF304	X5CrNi18 10 DIN 1.4301
12	HUB BOLT	1	Stainless Steel	A 182 F304	G4303-SUSF304	X5CrNi18 10 DIN 1.4301
13	SCREW	3	Stainless Steel	A 182 F304	G4303-SUSF304	X5CrNi18 10 DIN 1.4301



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Rev 06-23