

fusion valve

Trunnion Ball Valve Catalogue



API 6D License

ISO 9001:2015 Certified

CE Mark PED 97/23/EC Approved



Fusion Series 432

Introduction

"Fusion" is the registered trademark of Archmetal Industries, a member of the Fortune Group.

The Fortune Group is a world class producer of a full range of high quality valves, including plumbing, commercial, oil & gas, industrial and special application products.

Fortune maintains a number of modern manufacturing facilities supported by a world-class R&D team and offers one of the most complete product lines in the valve industry.

Fortune is fully committed to repeatable high quality, competitive pricing, superior service and ongoing innovation.

Fortune's products are marketed worldwide through select sales Channels in North America (supported by Fortune Distribution Centers and factory sales personnel) and sales offices in Asia, providing unsurpassed service to our customers.

Fortune's Premium Fusion Brand Products are made in accordance to the ASME B16.34 design standard and are ideal for critical application in Oil & Gas Midstream & Production, Petrochemical and Refining industries.

Fusion products have been designed and are manufactured according to the following specification and Standards.

- API specification Q1 quality system
- ISO 9001:2015 quality system
- ASME B16.34, B16.10, B16.5, B16.11, B16.25
- API 607 & API 6FA
- API 641
- CSA Z245.15
- API 598
- API 608
- API 6D Monogrammed
- CE Mark PED 97/23/EC Approved
- NACE MR0103
- NACE MR0175 / ISO 15156
- MSS SP - 25
- Canadian Registration Number (CRN)

See each product series to determine its certifications

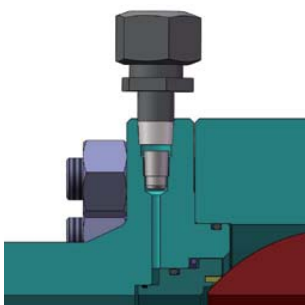


Fusion Series 432

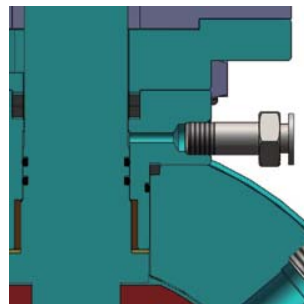
General Design Features

The series 432 trunnion Ball valve is API 6D monogrammed and conforms to ASME B16.34, API 608 and ASTM specifications. This forged body 3-piece design is available 2" thru 24" in sizes and Class 150 through Class 2500 in pressure with a variety of body and trim material options. The valves

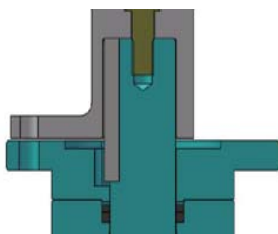
feature double block and bleed capability and double isolation and bleed valve, ISO mounting pad (direct mount), and low operating torques. All trunnion valves are marked CSA Z245.15. Fusion trunnion Ball valve and fire-safe to API 607 & API 6FA



Emergency Seat Sealant System



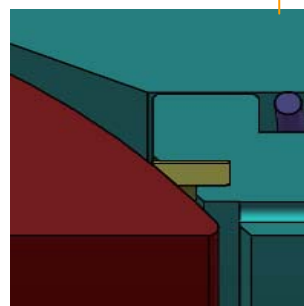
Emergency Stem Injection Fitting



Low Torque:
Ball is supported
by upper and
lower bearing

Blowout Proof
Stem Design

Anti Static Device



Fire-Safe
construction: When
the soft material is
Incinerated by fire
the internal springs
push the seat holder
against the ball to
form metal to metal
sealing.
Seat self relieving
feature.

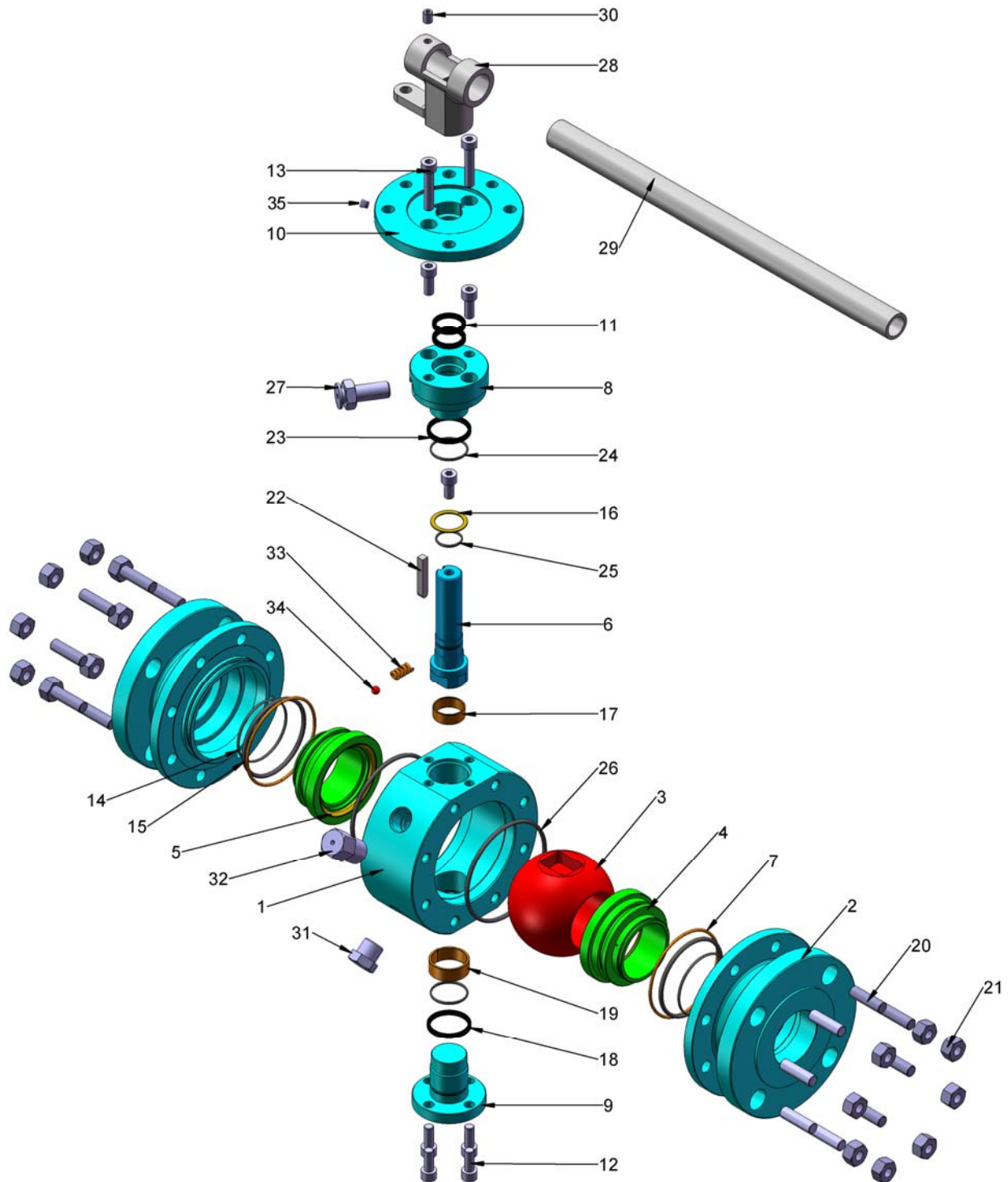


DPE VALVE:
Single valve with two seating
surfaces, each of which, in the
closed position, provides a seal
against pressure from a single
source.

Fusion Series 432

2"~4" FP & 3"~6" RP Class 150 ~ 300

FLANGED END CONNECTIONS



Fusion Series 432

2"~4" FP & 3"~6" RP Class 150 ~ 300

Bill of Materials:

ITEM	PART	STAINLESS STEEL	CARBON STEEL LOW TEMP	CARBON STEEL	DUAL CERTIFIED MATERIAL
1	BODY	ASTM A182 F316	ASTM A350 LF2 Class 1	ASTM A105	ASTM A350 LF2 Class 1/ASTM A105
2	ADAPTER	ASTM A182 F316	ASTM A350 LF2 Class 1	ASTM A105	ASTM A350 LF2 Class 1/ASTM A105
3	BALL	ASTM A182 F316	ASTM A350 LF2 Class 1+ENP	ASTM A105+ENP	ASTM A350 LF2 Class 1+ENP
3*	BALL(SS TRIM)	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316
☆ 4	SEAT HOLDER	ASTM A182 F316	ASTM A350 LF2 Class 1+ENP	ASTM A105+ENP	ASTM A350 LF2 Class 1+ENP
☆ 4*	SEAT HOLDER(SS TRIM)	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316
☆ 5	SEAT INSERT	PTFE/RPTFE/TFM/DEVLON	PTFE/RPTFE/TFM/DEVLON	PTFE/RPTFE/TFM/DEVLON	PTFE/RPTFE/TFM/DEVLON
6	STEM	17-4PH	4140/42CrMo+ENP	4140/42CrMo+ENP	4140/42CrMo+ENP
6*	STEM(SS TRIM)	17-4PH	17-4PH	17-4PH	17-4PH
7	WAVE SPRING	INCONEL X-750	INCONEL X-750	INCONEL X-750	INCONEL X-750
8	BONNET	ASTM A182 F316	ASTM A350 LF2 Class 1	ASTM A105	ASTM A350 LF2 Class 1/ASTM A105
9	TRUNNION	ASTM A182 F316	ASTM A350 LF2 Class 1+ENP	ASTM A105+ENP	ASTM A350 LF2 Class 1/ASTM A105+ENP
10	GLAND FLANGE	304SS	C/S	C/S	C/S
☆ 11	STEM PACKING	GRAPHITE	GRAPHITE	GRAPHITE	GRAPHITE
12	CAP SCREW	ASTM A320 L7M WITH ZINC PLATING	ASTM A320 L7M	ASTM A320 L7M	ASTM A320 L7M
13	CAP SCREW	ASTM A320 L7M WITH ZINC PLATING	ASTM A320 L7M	ASTM A320 L7M	ASTM A320 L7M
☆ 14	SEAT O-RING	HNBR	HNBR	HNBR	HNBR
☆ 15	SEAT O-RING	HNBR	HNBR	HNBR	HNBR
☆ 16	STEM THRUST WASHER	PTFE/RPTFE/TFM/DEVLON	PTFE/RPTFE/TFM/DEVLON	PTFE/RPTFE/TFM/DEVLON	PTFE/RPTFE/TFM/DEVLON
17	STEM BUSHING	SS+PTFE	C/S+PTFE	C/S+PTFE	C/S+PTFE
☆ 18	TRUNNION GASKET	GRAPHITE	GRAPHITE	GRAPHITE	GRAPHITE
19	TRUNNION BUSHING	SS+PTFE	C/S+PTFE	C/S+PTFE	C/S+PTFE
20	STUD	ASTM A320 L7M WITH ZINC PLATING	ASTM A320 L7M	ASTM A320 L7M	ASTM A320 L7M
21	NUT	ASTM A194 7ML WITH ZINC PLATING	ASTM A194 7ML	ASTM A194 7ML	ASTM A194 7ML
22	KEY	1045	1045	1045	1045
☆ 23	BONNET GASKET	GRAPHITE	GRAPHITE	GRAPHITE	GRAPHITE
☆ 24	BONNET O-RING	HNBR	HNBR	HNBR	HNBR
☆ 25	STEM O-RING	HNBR	HNBR	HNBR	HNBR
☆ 26	ADAPTER O-RING	HNBR	HNBR	HNBR	HNBR
27	STEM INJECTION FITTING	304SS	304SS	304SS	304SS
28	HANDLE HOLDER	C/S	C/S	C/S	C/S
29	PIPE	C/S	C/S	C/S	C/S
30	SET SCREW	C/S	C/S	C/S	C/S
31	DRAIN PLUG	316SS	304SS	304SS	304SS
32	VENT VALVE	316SS	304SS	304SS	304SS
33	ANTISTATIC SPRING	304SS	304SS	304SS	304SS
34	ANTISTATIC BALL	304SS	304SS	304SS	304SS
35	RELIEF VALVE	304SS	304SS	304SS	304SS

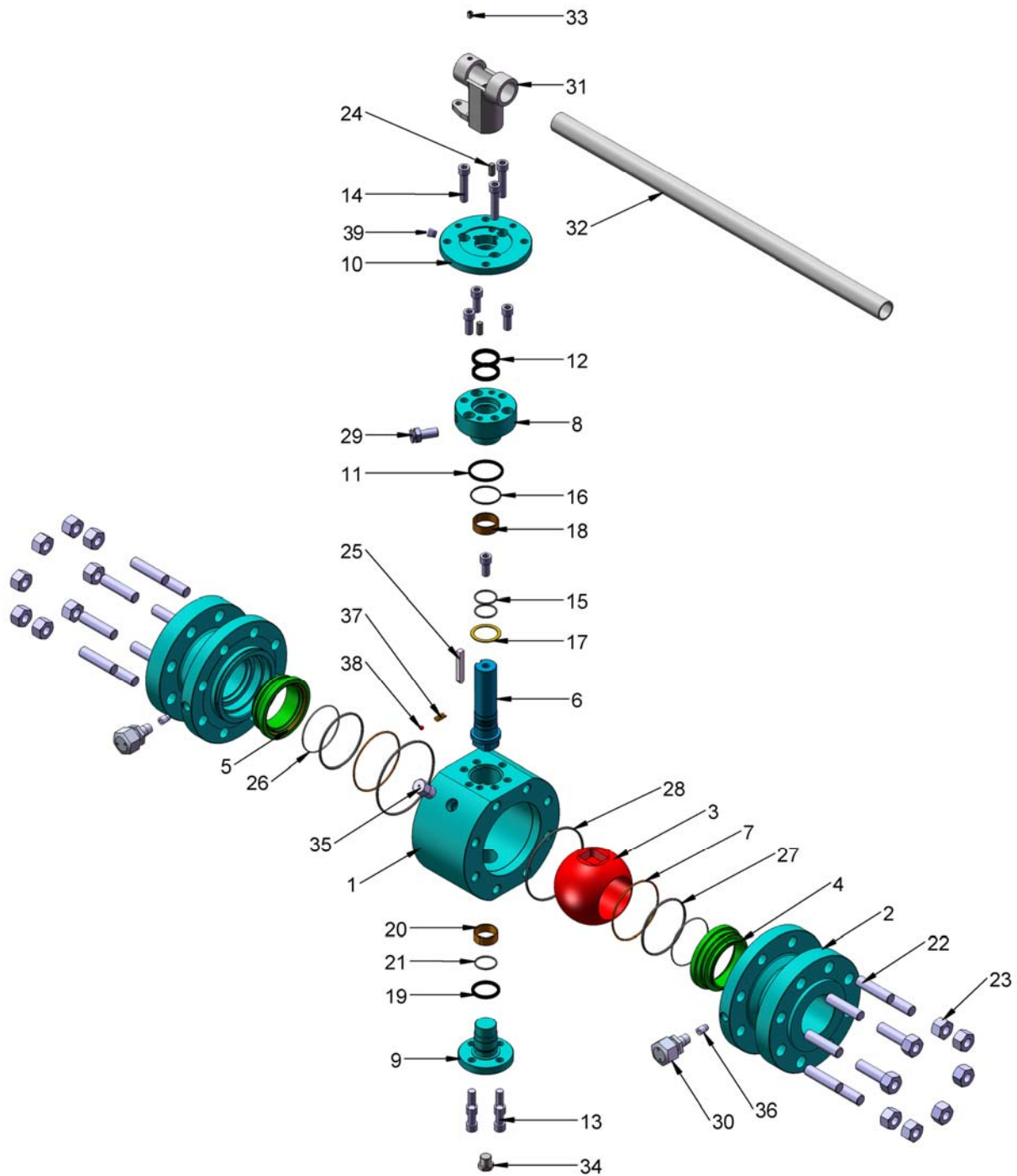
Note: * = SS trim only;
 ☆ Minor repair kit

Fusion Series 432

2"~4" FP & 3"~6" RP Class 600 ~ 1500

FLANGED END CONNECTIONS

Note: 3" Class 1500 / 4" Class 600~1500 with Gear Operator



Fusion Series 432

2"~4" FP & 3"~6" RP Class 600 ~ 1500

Bill of Materials:

ITEM	PART	STAINLESS STEEL	CARBON STEEL LOW TEMP	CARBON STEEL	DUAL CERTIFIED MATERIAL
1	BODY	ASTM A182 F316	ASTM A350 LF2 Class 1	ASTM A105	ASTM A350 LF2 Class 1/ASTM A105
2	ADAPTER	ASTM A182 F316	ASTM A350 LF2 Class 1	ASTM A105	ASTM A350 LF2 Class 1/ASTM A105
3	BALL	ASTM A182 F316/F6a	ASTM A350 LF2 Class 1+ENP	ASTM A105+ENP	ASTM A350 LF2 Class 1+ENP
3*	BALL(SS TRIM)	ASTM A182 F316/F6a	ASTM A182 F316/F6a	ASTM A182 F316/F6a	ASTM A182 F316/F6a
☆ 4	SEAT HOLDER	ASTM A182 F316/F6a	ASTM A350 LF2 Class 1+ENP	ASTM A105+ENP	ASTM A350 LF2 Class 1+ENP
☆ 4*	SEAT HOLDER (SS TRIM)	ASTM A182 F316/F6a	ASTM A182 F316/F6a	ASTM A182 F316/F6a	ASTM A182 F316/F6a
☆ 5	SEAT INSERT	DEVLON	DEVLON	DEVLON	DEVLON
6	STEM	17-4PH	4140/42CrMo+ENP/17-4PH	4140/42CrMo+ENP/17-4PH	4140/42CrMo+ENP/17-4PH
6*	STEM(SS TRIM)	17-4PH	17-4PH	17-4PH	17-4PH
7	WAVE SPRING	INCONEL X-750	INCONEL X-750	INCONEL X-750	INCONEL X-750
8	BONNET	ASTM A182 F316	ASTM A350 LF2 Class 1	ASTM A105	ASTM A350 LF2 Class 1/ASTM A105
9	TRUNNION	ASTM A182 F316	ASTM A350 LF2 Class 1+ENP	ASTM A105+ENP	ASTM A350 LF2 Class 1/ASTM A105+ENP
10	GLAND FLANGE	304SS	C/S	C/S	C/S
☆ 11	BONNET GASKET	GRAPHITE	GRAPHITE	GRAPHITE	GRAPHITE
☆ 12	STEM PACKING	GRAPHITE	GRAPHITE	GRAPHITE	GRAPHITE
13	CAP SCREW	ASTM A320 L7M WITH ZINC PLATING	ASTM A320 L7M	ASTM A320 L7M	ASTM A320 L7M
14	CAP SCREW	ASTM A320 L7M WITH ZINC PLATING	ASTM A320 L7M	ASTM A320 L7M	ASTM A320 L7M
☆ 15	STEM O-RING	HNBR	HNBR	HNBR	HNBR
☆ 16	BONNET O-RING	HNBR	HNBR	HNBR	HNBR
☆ 17	STEM THRUST WASHER	RPTFE/TFM/DEVLON	RPTFE/TFM/DEVLON	RPTFE/TFM/DEVLON	RPTFE/TFM/DEVLON
18	STEM BUSHING	SS+PTFE	C/S+PTFE	C/S+PTFE	C/S+PTFE
☆ 19	TRUNNION GASKET	GRAPHITE	GRAPHITE	GRAPHITE	GRAPHITE
20	TRUNNION BUSHING	SS+PTFE	C/S+PTFE	C/S+PTFE	C/S+PTFE
☆ 21	TRUNNION O-RING	HNBR	HNBR	HNBR	HNBR
22	STUD	ASTM A320 L7M WITH ZINC PLATING	ASTM A320 L7M	ASTM A320 L7M	ASTM A320 L7M
23	NUT	ASTM A194 7ML WITH ZINC PLATING	ASTM A194 7ML	ASTM A194 7ML	ASTM A194 7ML
24	PIN	410	4130	4130	4130
25	KEY	1045	1045	1045	1045
☆ 26	SEAT O-RING	HNBR	HNBR	HNBR	HNBR
☆ 27	SEAT O-RING	HNBR	HNBR	HNBR	HNBR
☆ 28	ADAPTER O-RING	HNBR	HNBR	HNBR	HNBR
29	STEM INJECTION FITTING	304SS	304SS	304SS	304SS
30	SEAT INJECTION FITTING	304SS	304SS	304SS	304SS
31	HANDLE HOLDER	C/S	C/S	C/S	C/S
32	PIPE	C/S	C/S	C/S	C/S
33	SET SCREW	C/S	C/S	C/S	C/S
34	DRAIN PLUG	316SS	304SS	304SS	304SS
35	VENT VALVE	316SS	304SS	304SS	304SS
36	SMALL CHECK VALVE	316SS	304SS	304SS	304SS
37	ANTISTATIC SPRING	304SS	304SS	304SS	304SS
38	ANTISTATIC BALL	304SS	304SS	304SS	304SS
39	RELIEF VALVE	304SS	304SS	304SS	304SS

Note: * = SS trim only;

☆ Minor repair kit

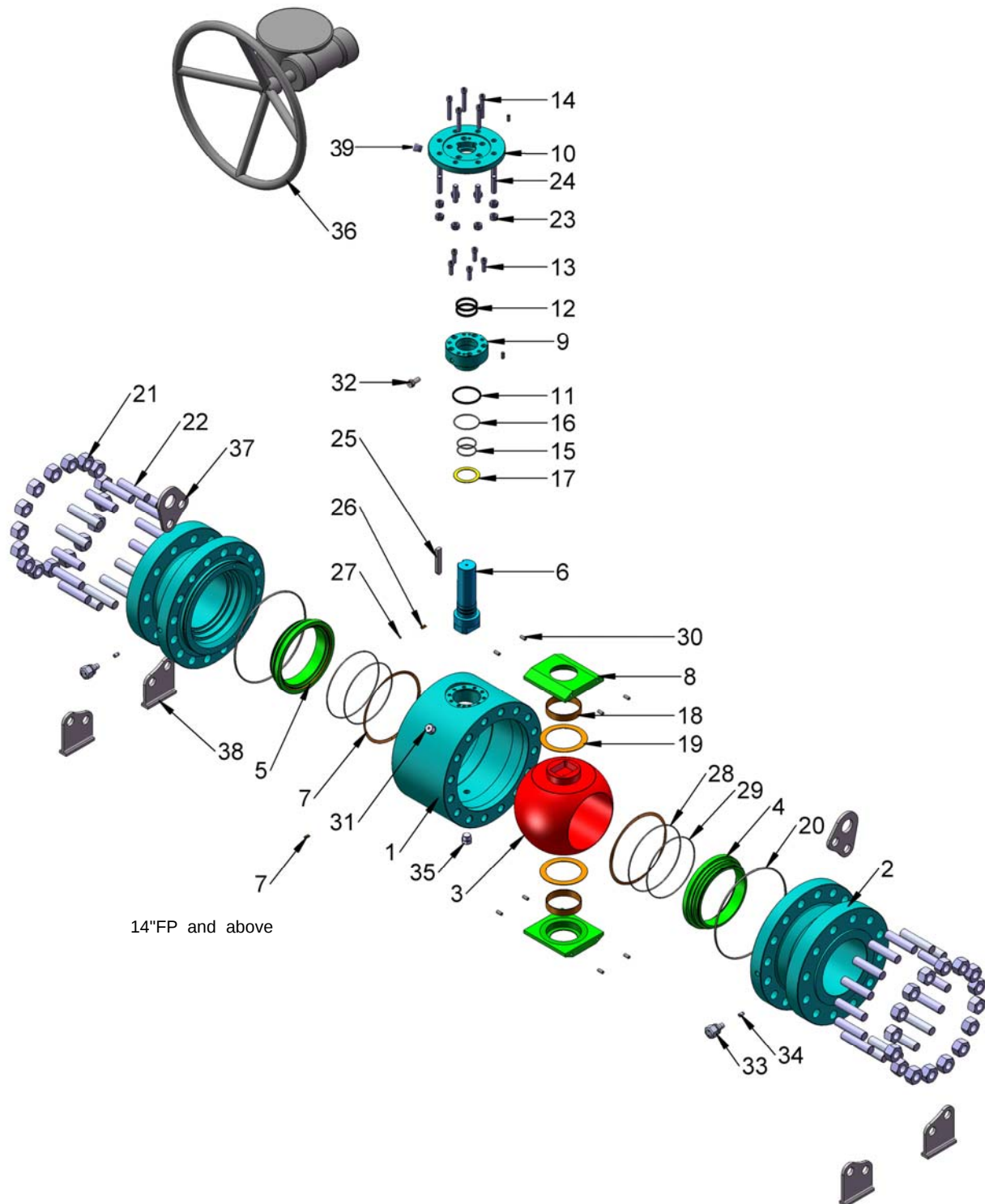
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Fusion Series 432

6"~12" FP & 6"~12" RP Class 150 ~ 1500

14" ~24" FP & 14" ~24" RP Class 150 ~ 600 & 2"~4" Class 2500

FLANGED END CONNECTIONS





Fusion Series 432

6"~12" FP & 6"~12" RP Class 150 ~ 1500

14" ~24" FP & 14" ~24" RP Class 150 ~ 600 & 2"~4" Class 2500

Bill of Materials:

ITEM	PART	STAINLESS STEEL	CARBON STEEL LOW TEMP	CARBON STEEL	DUAL CERTIFIED MATERIAL
1	BODY	ASTM A182 F316	ASTM A350 LF2 Class 1	ASTM A105	ASTM A350 LF2 Class 1/ASTM A105
2	ADAPTER	ASTM A182 F316	ASTM A350 LF2 Class 1	ASTM A105	ASTM A350 LF2 Class 1/ASTM A105
3	BALL	ASTM A182 F316/F6a	ASTM A350 LF2 Class 1+ENP	ASTM A105+ENP	ASTM A350 LF2 Class 1+ENP
3*	BALL(SS TRIM)	ASTM A182 F316/F6a	ASTM A182 F316/F6a	ASTM A182 F316/F6a	ASTM A182 F316/F6a
☆ 4	SEAT HOLDER	ASTM A182 F316/F6a	ASTM A350 LF2 Class1+ENP/4140+ENP	ASTM A105+ENP /4140+ENP	ASTM A350 LF2 Class1+ENP/4140+ENP
☆ 4*	SEAT HOLDER(SS TRIM)	ASTM A182 F316/F6a	ASTM A182 F316/F6a	ASTM A182 F316/F6a	ASTM A182 F316/F6a
☆ 5	SEAT INSERT	RPTFE/TFM/DEVLO	RPTFE/TFM/DEVLO	RPTFE/TFM/DEVLO	RPTFE/TFM/DEVLO
6	STEM	17-4PH	4140/42CrMo+ENP/17-4PH	4140/42CrMo+ENP/17-4PH	4140/42CrMo+ENP/17-4PH
6*	STEM(SS TRIM)	17-4PH	17-4PH	17-4PH	17-4PH
7**	WAVE SPRING	INCONEL X-750	INCONEL X-750	INCONEL X-750	INCONEL X-750
8	INTERNAL TRUN- NION	ASTM A182 F316	ASTM A350 LF2 Class 1+ENP	ASTM A105+ENP	ASTM A350 LF2 Class 1+ENP
9	BONNET	ASTM A182 F316	ASTM A350 LF2 Class 1	ASTM A105	ASTM A350 LF2 Class 1/ASTM A105
10	GLAND FLANGE	304SS	C/S	C/S	C/S
☆ 11	BONNET GASKET	GRAPHITE	GRAPHITE	GRAPHITE	GRAPHITE
☆ 12	STEM PACKING	GRAPHITE	GRAPHITE	GRAPHITE	GRAPHITE
13	CAP SCREW	ASTM A320 L7M WITH ZINC PLATING	ASTM A320 L7M	ASTM A320 L7M	ASTM A320 L7M
14	CAP SCREW	ASTM A320 L7M WITH ZINC PLATING	ASTM A320 L7M	ASTM A320 L7M	ASTM A320 L7M
☆ 15	STEM O-RING	HNBR	HNBR	HNBR	HNBR
☆ 16	BONNET O-RING	HNBR	HNBR	HNBR	HNBR
☆ 17	STEM THRUST WASHER	RPTFE/TFM/DEVLO	RPTFE/TFM/DEVLO	RPTFE/TFM/DEVLO	RPTFE/TFM/DEVLO
18	REATINER BUSH- ING	SS+PTFE	C/S+PTFE	C/S+PTFE	C/S+PTFE
19	REATINER WASHER	SS+PTFE	C/S+PTFE	C/S+PTFE	C/S+PTFE
☆ 20	ASAPTER O-RING	HNBR	HNBR	HNBR	HNBR
21	STUD	ASTM A320 L7M WITH ZINC PLATING	ASTM A320 L7M	ASTM A320 L7M	ASTM A320 L7M
22	NUT	ASTM A194 7ML WITH ZINC PLATING	ASTM A194 7ML	ASTM A194 7ML	ASTM A194 7ML
23	NUT	C/S	C/S	C/S	C/S
24	STUD	C/S	C/S	C/S	C/S
25	KEY	1045	1045	1045	1045
26	ANTISTATIC SPRING	304SS	304SS	304SS	304SS
27	ANTISTATIC BALL	304SS	304SS	304SS	304SS
☆ 28	SEAT O-RING	HNBR	HNBR	HNBR	HNBR
☆ 29	SEAT O-RING	HNBR	HNBR	HNBR	HNBR
30	PIN	410	4130	4130	4130
31	VENT VALVE	316SS	304SS	304SS	304SS
32	STEM INJECTION FITTING	304SS	304SS	304SS	304SS
33	SEAT INJECTION FITTING	304SS	304SS	304SS	304SS
34	SMALL CHECK VALVE	316SS	304SS	304SS	304SS
35	DRAIN PLUG	316SS	304SS	304SS	304SS
36	GEAR BOX	COMPONENT	COMPONENT	COMPONENT	COMPONENT
37***	LIFTING LUG	304SS	C/S	C/S	C/S
38***	LEG	304SS	C/S	C/S	C/S
39	RELIEF VALVE	304SS	304SS	304SS	304SS

Note: * = SS trim only; *** = Applicable to 6" FP #900/#1500, 8" and up.

☆ Minor repair kit

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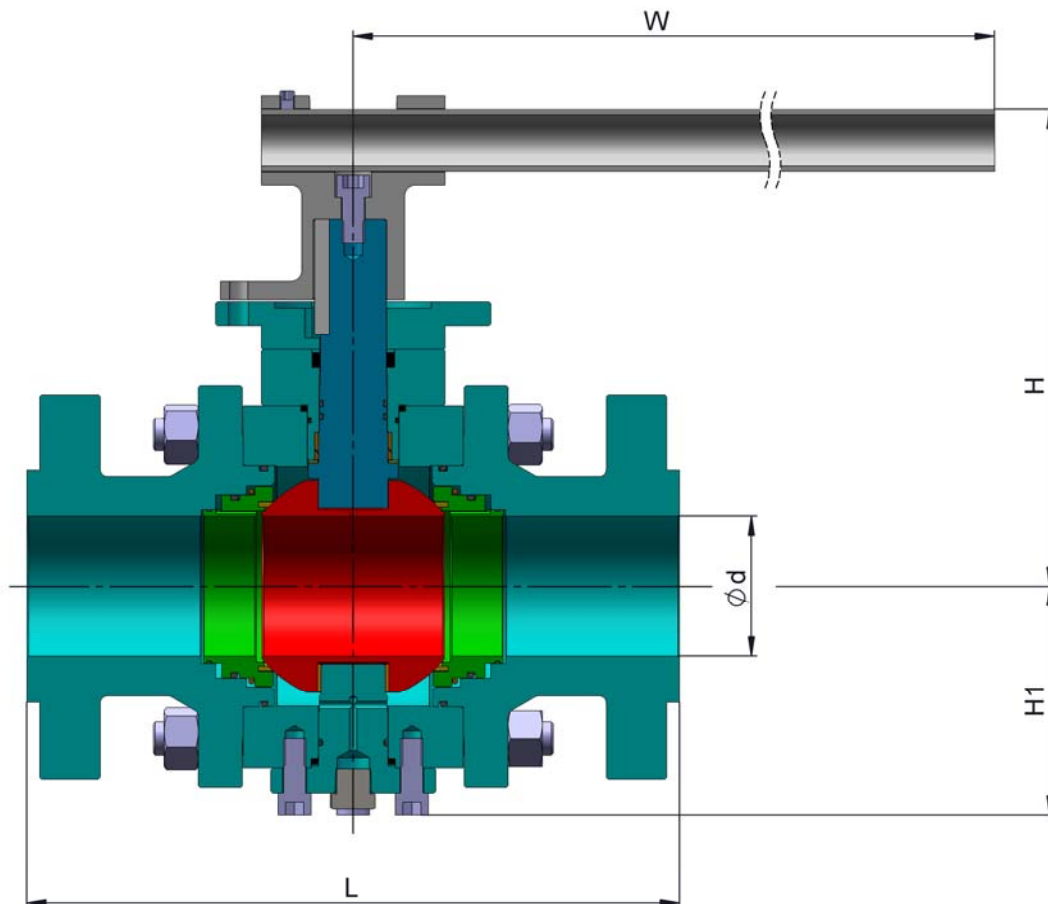
Fusion Series 432

2"~4" FP Class 150 ~ 300

2"~3" FP Class 600 ~ 900

2" FP Class 1500

FLANGED END CONNECTION



Weights and Dimensions:

SIZE	CLASS	d	L(RF)	L(RTJ)	H	H1	W	Cv	WEIGHT
in/mm		in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	gal/min	kg/Lbs
2/50	150	2.00 / 50.8	7.00 / 178	7.50 / 191	7.44 / 189	3.43 / 87	14.37 / 365	500	20 / 44
	300	2.00 / 50.8	8.50 / 216	9.12 / 232	7.44 / 189	3.43 / 87	14.37 / 365	420	23 / 51
	600	2.00 / 50.8	11.50 / 292	11.62 / 295	9.17 / 233	4.09 / 104	21.65 / 550	350	41 / 90
	900	2.00 / 50.8	14.50 / 368	14.62 / 371	9.17 / 233	4.09 / 104	27.56 / 700	320	59 / 130
	1500	2.00 / 50.8	14.50 / 368	14.62 / 371	9.21 / 234	4.37 / 111	37.40 / 950	320	64 / 141
3/80	150	3.00 / 76.2	8.00 / 203	8.50 / 216	9.65 / 245	4.33 / 110	21.65 / 550	1390	35 / 77
	300	3.00 / 76.2	11.12 / 283	11.74 / 298	9.65 / 245	4.33 / 110	21.65 / 550	1050	46 / 101
	600	3.00 / 76.2	14.00 / 356	14.12 / 359	10.67 / 271	4.92 / 125	27.56 / 700	1000	71 / 157
	900	3.00 / 76.2	15.00 / 381	15.12 / 384	10.67 / 271	4.92 / 125	37.40 / 950	910	85 / 190
4/100	150	4.00 / 101.6	9.00 / 229	9.50 / 241	11.18 / 284	5.55 / 141	21.65 / 550	2550	60 / 133
	300	4.00 / 101.6	12.00 / 305	12.62 / 321	11.18 / 284	5.55 / 141	27.56 / 700	2000	78 / 172

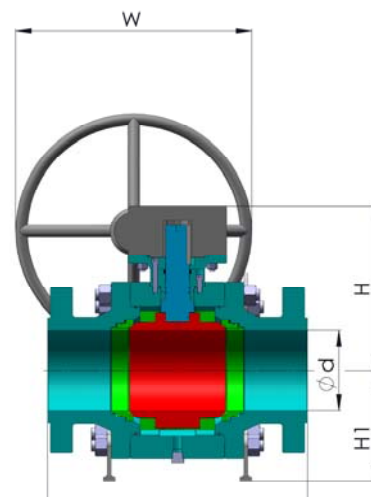
Fusion Series 432

2"~4" FP Class 2500

6"~24" FP Class 150~600

4"~12" FP Class 600~900

3"~12" FP Class 1500



Weights and Dimensions:

SIZE	CLASS	d	L(RF)	L(RTJ)	H	H1	W	Cv	WEIGHT
in/mm		in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	gal/min	kg/Lbs
2/50	2500	1.75 / 44.5	17.75 / 451	17.87 / 454	9.96 / 253	4.69 / 119	11.81 / 300	310	118 / 260
3/80	1500	3.00 / 76.2	18.50 / 470	18.62 / 473	10.24 / 260	5.51 / 140	11.81 / 300	820	132 / 291
	2500	2.50 / 63.5	22.75 / 578	23.00 / 584	12.91 / 328	6.22 / 158	15.75 / 400	426	262 / 576
4/100	600	4.00 / 101.6	17.00 / 432	17.12 / 435	10.91 / 277	5.91 / 150	13.78 / 350	1850	139 / 306
	900	4.00 / 101.6	18.00 / 457	18.12 / 460	11.42 / 290	6.26 / 159	13.78 / 350	1760	163 / 359
	1500	4.00 / 101.6	21.50 / 546	21.62 / 549	12.32 / 313	6.65 / 169	20.00 / 500	1610	230 / 507
	2500	3.50 / 88.9	26.50 / 673	26.88 / 683	15.08 / 383	7.40 / 188	23.60 / 600	999	433 / 955
6/150	150	6.00 / 152.4	15.50 / 394	16.00 / 406	11.89 / 302	6.73 / 171	13.78 / 350	5249	156 / 344
	300	6.00 / 152.4	15.88 / 403	16.50 / 419	11.89 / 302	6.73 / 171	13.78 / 350	5186	174 / 384
	600	6.00 / 152.4	22.00 / 559	22.12 / 562	12.56 / 319	7.13 / 181	15.75 / 400	4400	243 / 536
	900	6.00 / 152.4	24.00 / 610	24.12 / 613	14.37 / 365	9.65 / 245	20.00 / 500	4300	345 / 761
	1500	5.75 / 146.1	27.75 / 705	28.00 / 711	15.35 / 390	10.87 / 276	20.00 / 500	4080	553 / 1219
8/200	150	8.00 / 203.2	18.00 / 457	18.50 / 470	15.36 / 391	10.00 / 254	17.72 / 450	10750	300 / 661
	300	8.00 / 203.2	19.75 / 502	20.37 / 518	15.36 / 391	10.00 / 254	20.00 / 500	10262	341 / 752
	600	8.00 / 203.2	26.00 / 660	26.12 / 664	15.91 / 404	10.47 / 266	23.60 / 600	8450	480 / 1058
	900	8.00 / 203.2	29.00 / 737	29.12 / 740	16.54 / 420	11.26 / 286	20.00 / 500	8400	640 / 1411
	1500	7.63 / 193.7	32.75 / 832	33.11 / 841	19.72 / 501	12.80 / 325	23.60 / 600	7980	1014 / 2235
10/250	150	10.00 / 254.0	21.00 / 533	21.50 / 546	17.40 / 442	11.42 / 290	20.00 / 500	17775	488 / 1076
	300	10.00 / 254.0	22.38 / 568	23.00 / 584	17.40 / 442	11.89 / 302	20.00 / 500	17220	541 / 1193
	600	10.00 / 254.0	31.00 / 787	31.12 / 791	17.95 / 456	11.54 / 293	23.60 / 600	14250	777 / 1713
	900	10.00 / 254.0	33.00 / 838	33.12 / 841	19.02 / 483	13.11 / 333	23.60 / 600	14160	1092 / 2407
	1500	9.50 / 241.3	39.00 / 991	39.38 / 1000	21.54 / 547	15.00 / 381	23.60 / 600	13020	1610 / 3549
12/300	150	12.00 / 304.8	24.00 / 610	24.50 / 622	18.23 / 463	11.93 / 303	23.60 / 600	26750	548 / 1208
	300	12.00 / 304.8	25.50 / 648	26.12 / 664	18.31 / 465	13.03 / 331	23.60 / 600	25950	668 / 1473
	600	12.00 / 304.8	33.00 / 838	33.12 / 841	19.02 / 483	13.82 / 351	23.60 / 600	22790	969 / 2136
	900	12.00 / 304.8	38.00 / 965	38.12 / 968	22.99 / 584	15.63 / 397	23.60 / 600	21230	1744 / 3845
	1500	11.37 / 288.9	44.50 / 1130	45.12 / 1146	24.61 / 625	17.17 / 436	23.60 / 600	19610	2545/5611
14/350	150	13.25 / 336.6	27.00 / 686	27.50 / 669	21.50 / 546	13.98 / 355	23.60 / 600	30110	868/1913
	300	13.25 / 336.6	30.00 / 762	30.62 / 778	21.50 / 546	14.41 / 366	23.60 / 600	29680	1053/2321
	600	13.25 / 336.6	35.00 / 889	35.12 / 892	22.80 / 579	15.43 / 392	23.60 / 600	24220	1513/3336
16/400	150	15.25 / 387.4	30.00 / 762	30.50 / 775	22.99 / 584	15.51 / 394	23.60 / 600	39210	1100/2420
	300	15.25 / 387.4	33.00 / 838	33.62 / 854	22.99 / 584	16.42 / 417	23.60 / 600	38760	1382/3047
	600	15.25 / 387.4	39.00 / 991	39.12 / 994	24.21 / 615	17.87 / 454	23.60 / 600	31200	1953/4297
18/450	150	17.25 / 438.2	34.00 / 864	34.50 / 876	25.43 / 646	18.19 / 462	23.60 / 600	52350	1613/3556
	300	17.25 / 438.2	36.00 / 914	36.62 / 930	25.43 / 646	18.31 / 465	23.60 / 600	51060	1906/4202
	600	17.25 / 438.2	43.00 / 1092	43.12 / 1095	29.29 / 744	19.57 / 497	23.60 / 600	43200	2867/6321
20/500	150	19.25 / 489.0	36.00 / 914	36.50 / 927	29.17 / 741	19.72 / 501	23.60 / 600	64250	2071/4566
	300	19.25 / 489.0	39.00 / 991	39.72 / 1010	29.17 / 741	19.21 / 488	23.60 / 600	63030	2505/5523
	600	19.25 / 489.0	47.00 / 1194	47.25 / 1200	30.55 / 776	20.79 / 528	23.60 / 600	53420	3489/7692
24/600	150	23.25 / 590.6	42.00 / 1067	42.50 / 1080	32.72 / 831	25.16 / 639	27.56 / 700	100770	3338/7359
	300	23.25 / 590.6	45.00 / 1143	45.88 / 1165	32.95 / 837	22.01 / 559	27.56 / 700	90760	3914/8629
	600	23.25 / 590.6	55.00 / 1397	55.38 / 1407	34.72 / 882	23.54 / 598	27.56 / 700	82050	5695/12555

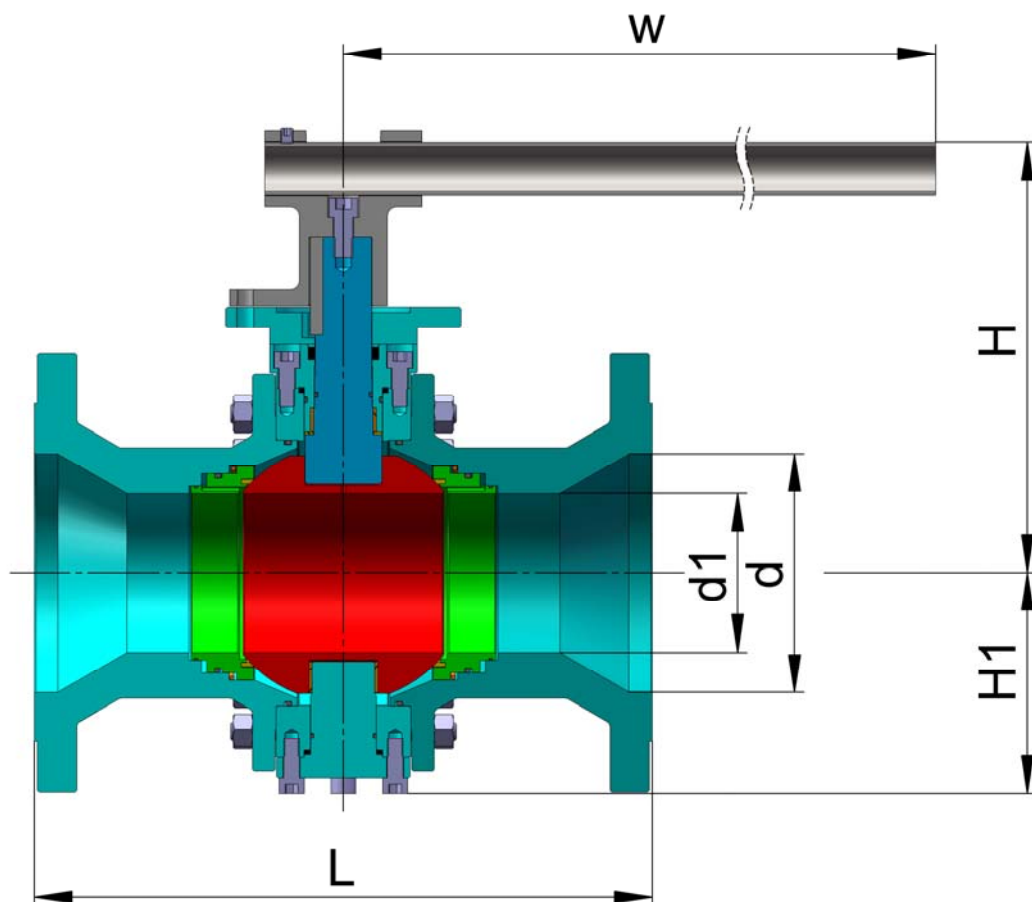
Fusion Series 432

3"~6" RP Class 150 ~ 300

3"~4" RP Class 600 ~ 900

3"RP Class 1500

FLANGED END CONNECTION



Weights and Dimensions:

SIZE	CLASS	d1	d	L(RF)	L(RTJ)	H	H1	W	Cv	WEIGHT
in/mm		in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	gal/min	kg/Lbs
3"X2"X3"	150	2.00/50.8	3.00/76.2	8.00/203	8.50/216	7.44/189	3.43/87	14.37/365	220	24/53
	300	2.00/50.8	3.00/76.2	11.12/283	11.74/298	7.44/189	3.43/87	14.37/365	210	31/68
	600	2.00/50.8	3.00/76.2	14.00/356	14.12/359	9.17/233	4.09/104	21.65/550	190	52/115
	900	2.00/50.8	3.00/76.2	15.00/381	15.12/384	9.17/233	4.09/104	27.56/700	185	66/146
	1500	2.00/50.8	3.00/76.2	18.50/470	18.62/473	9.21/234	4.37/111	37.40/950	180	84/185
4"X3"X4"	150	3.00/76.2	4.00/101.6	9.00/229	9.50/241	9.65/245	4.33/110	21.65/550	630	42/93
	300	3.00/76.2	4.00/101.6	12.00/305	12.62/321	9.65/245	4.33/110	21.65/550	600	56/123
	600	3.00/76.2	4.00/101.6	17.00/432	17.12/435	10.67/271	4.92/125	27.56/700	560	95/209
	900	3.00/76.2	4.00/101.6	18.00/457	18.12/460	10.67/271	4.92/125	37.40/950	505	108/238
6"X4"X6"	150	4.00/101.6	6.00/152.4	15.50/394	16.00/406	11.18/284	5.55/141	21.65/550	925	81/179
	300	4.00/101.6	6.00/152.4	15.88/403	16.50/419	11.18/284	5.55/141	27.56/700	910	105/231

Fusion Series 432

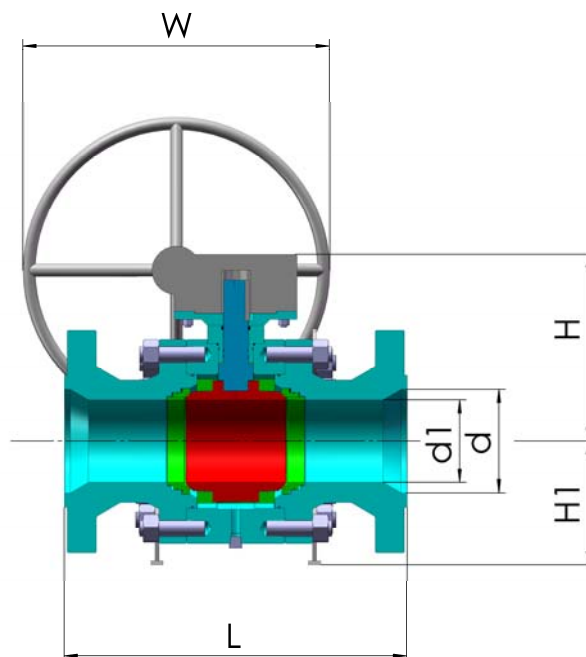
8"~24" RP Class 150 ~ 300

6"~24" RP Class 600

6"~12" RP Class 900

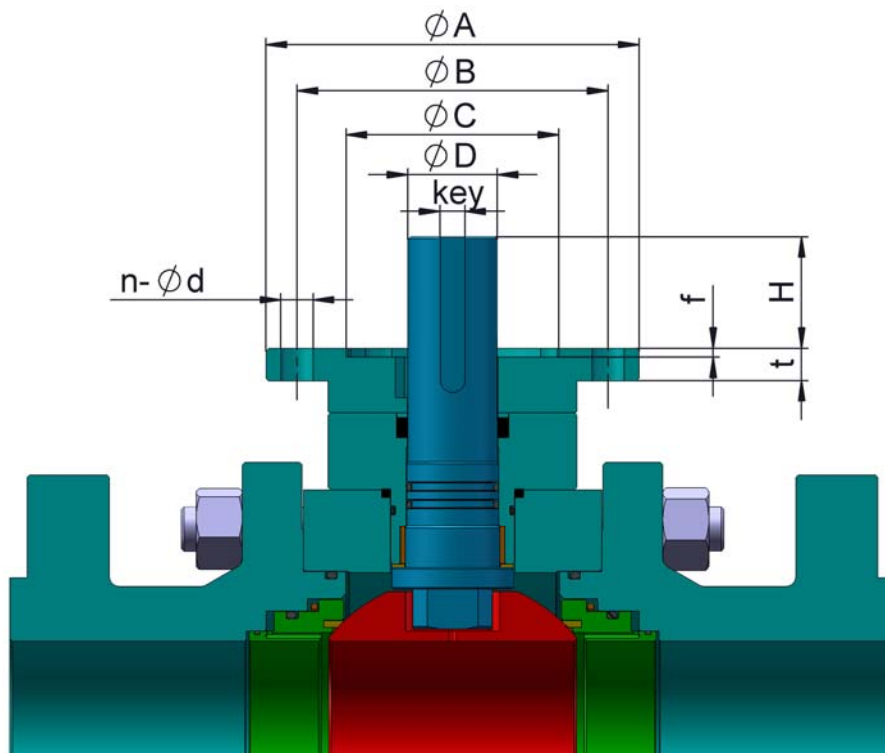
4"~12" RP Class 1500

FLANGED END CONNECTION



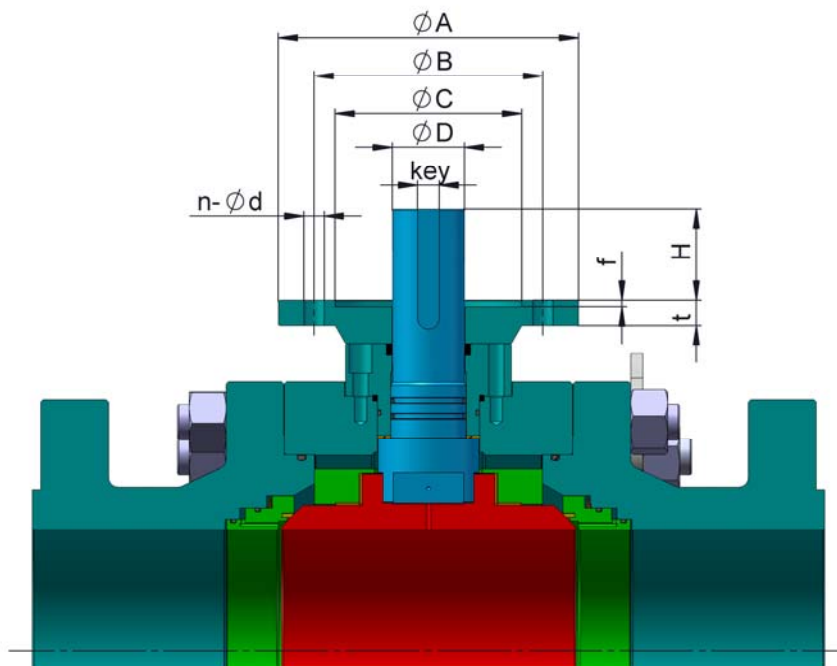
Weights and Dimensions:

SIZE	CLASS	d1	d	L(RF)	L(RTJ)	H	H1	W	Cv	WEIGHT
in/mm		in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	gal/min	kg/Lbs
4"X3"X4"	1500	3.00/76.2	4.00/101.6	21.50/546	21.62/549	10.24/260	5.51/140	11.81 / 300	500	158/348
6"X4"X6"	600	4.00/101.6	6.00/152.4	22.00/559	22.12/562	10.91/277	5.91/150	13.78 / 350	800	188/414
	900	4.00/101.6	6.00/152.4	24.00/610	24.12/613	11.42/290	6.26/159	13.78 / 350	730	231/509
	1500	4.00/101.6	6.00/152.4	27.75/705	28.00/711	12.32/313	6.65/169	20.00 / 500	463	345/761
8"X6"X8"	150	6.00/152.4	8.00/203.2	18.00/457	18.50/470	11.89/302	6.73/171	13.78 / 350	2500	182/401
	300	6.00/152.4	8.00/203.2	19.75/502	20.37/518	11.89/302	6.73/171	13.78 / 350	2480	214/472
	600	6.00/152.4	8.00/203.2	26.00/660	26.12/664	12.56/319	9.02/229	15.75 / 400	2150	307/677
	900	6.00/152.4	8.00/203.2	29.00/737	29.12/740	14.37/365	10.04/255	20.00 / 500	2010	500/1102
	1500	5.75/146.1	7.63/193.7	32.75/832	33.13/841	15.35/390	10.87/276	20.00 / 500	1695	720/1587
10"X8"X10"	150	8.00/203.2	10.00/254.0	21.00/533	21.50/546	15.39/391	10.00/254	17.72 / 450	5000	326/719
	300	8.00/203.2	10.00/254.0	22.38/568	23.00/584	15.39/391	10.00/254	20.00 / 500	4990	388/855
	600	8.00/203.2	10.00/254.0	31.00/787	31.12/791	15.91/404	10.47/266	23.60 / 600	4500	591/1303
	900	8.00/203.2	10.00/254.0	33.00/838	33.12/841	16.54/420	11.26/286	20.00 / 500	4160	769/1695
	1500	7.63/193.7	9.50/241.3	39.00/991	39.38/1000	19.72/501	12.80/325	23.60 / 600	3573	1094/2412
12"X10"X12"	150	10.00/254.0	12.00/304.8	24.00/610	34.50/622	17.40/442	11.42/290	20.00 / 500	8400	532/1173
	300	10.00/254.0	12.00/304.8	25.50/648	26.12/664	17.40/442	11.89/302	20.00 / 500	8390	605/1334
	600	10.00/254.0	12.00/304.8	33.00/838	33.12/841	17.95/456	11.54/293	23.60 / 600	8000	861/1898
	900	10.00/254.0	12.00/304.8	38.00/965	38.12/968	19.02/483	13.11/333	23.60 / 600	7300	1254/2765
	1500	9.50/241.3	11.37/288.9	44.50/1130	45.12/1146	21.54/547	15.00/381	23.60 / 600	6356	2100/4630
14"X12"X14"	150	12.00/304.8	13.25/336.6	27.00/686	27.50/699	18.23/463	11.93/303	23.60 / 600	11260	595/1312
	300	12.00/304.8	13.25/336.6	30.00/762	30.62/778	18.31/465	13.03/331	23.60 / 600	10860	761/1678
	600	12.00/304.8	13.25/336.6	35.00/889	35.12/892	19.02/483	13.82/351	23.60 / 600	8950	1051/2317
16"X12"X16"	150	12.00/304.8	15.25/387.4	30.00/762	30.50/775	18.23/463	11.93/303	23.60 / 600	8890	649/1431
	300	12.00/304.8	15.25/387.4	33.00/838	33.62/854	18.31/465	13.03/331	23.60 / 600	8630	858/1892
	600	12.00/304.8	15.25/387.4	39.00/991	39.12/994	19.02/483	13.82/351	23.60 / 600	7650	1216/2681
18"X14"X18"	150	13.25/336.6	17.25/438.2	34.00/864	34.50/876	21.50/546	13.98/355	23.60 / 600	12500	940/2072
	300	13.25/336.6	17.25/438.2	36.00/914	36.62/930	21.50/546	14.41/366	23.60 / 600	11800	1160/2557
	600	13.25/336.6	17.25/438.2	43.00/1092	43.12/1095	22.80/579	15.43/392	23.60 / 600	10890	1735/3825
20"X16"X20"	150	15.25/387.4	19.25/489.0	36.00/914	36.50/927	22.99/584	15.51/394	23.60 / 600	16350	1228/2707
	300	15.25/387.4	19.25/489.0	39.00/991	39.75/1010	22.99/584	16.42/417	23.60 / 600	16110	1611/3552
	600	15.25/387.4	19.25/489.0	47.00/1194	47.25/1200	24.21/615	17.87/454	23.60 / 600	15140	2327/5130
24"X20"X24"	150	19.25/489.0	23.25/590.6	42.00/1067	42.50/1080	29.17/741	19.72/501	23.60 / 600	26330	2251/4963
	300	19.25/489.0	23.25/590.6	45.00/1143	45.88/1165	29.17/741	19.21/488	23.60 / 600	26000	2833/6246
	600	19.25/489.0	23.25/590.6	55.00/1397	55.38/1407	30.55/776	20.79/528	23.60 / 600	25100	3976/8766



Actuator Mounting dimensions:

SIZE	CLASS	A	B	C	D	f	t	n-Ød	H	Key	ISO
in/mm		in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	5211#
2" 3"X2"X3"	150	4.92/125.0	4.02/102	2.78/70.5	0.87/22	0.13/3.2	0.39/10	4-0.43/4-11	1.04/26.5	0.24/6	F10
	300	4.92/125.0	4.02/102	2.78/70.5	0.87/22	0.13/3.2	0.39/10	4-0.43/4-11	1.04/26.5	0.24/6	F10
	600	5.91/150.0	4.92/125	3.37/85.5	1.10/28	0.13/3.2	0.51/13	4-0.51/4-13	1.46/37	0.32/8	F12
	900	5.91/150.0	4.92/125	3.37/85.5	1.10/28	0.13/3.2	0.51/13	4-0.51/4-13	1.46/37	0.32/8	F12
	1500	5.91/150.0	4.92/125	3.37/85.5	1.10/28	0.13/3.2	0.51/13	4-0.51/4-13	1.46/37	0.32/8	F12
	2500	6.89/175.0	5.51/140	3.96/100.5	1.26/32	0.16/4	0.67/17	4-0.67/4-17	2.24/57	0.39/10	F14
3" 4"X3"X4"	150	5.91/150.0	4.92/125	3.37/85.5	1.10/28	0.14/3.5	0.51/13	4-0.51/4-13	1.46/37	0.32/8	F12
	300	5.91/150.0	4.92/125	3.37/85.5	1.10/28	0.14/3.5	0.51/13	4-0.51/4-13	1.46/37	0.32/8	F12
	600	5.91/150.0	4.92/125	3.37/85.5	1.42/36	0.14/3.5	0.51/13	4-0.51/4-13	1.77/45	0.39/10	F12
	900	5.91/150.0	4.92/125	3.37/85.5	1.42/36	0.14/3.5	0.51/13	4-0.51/4-13	1.77/45	0.39/10	F12
	1500	6.89/175.0	5.51/140	3.96/100.5	1.42/36	0.16/4	0.67/17	4-0.67/4-17	2.36/60	0.39/10	F14
	2500	8.27/210.0	6.50/165	5.14/130.5	1.65/42	0.24/6	0.87/22	4-0.82/4-21	2.44/62	0.47-12	F16
4" 6"X4"X6"	150	5.91/150.0	4.92/125	3.37/85.5	1.42/36	0.14/3.5	0.51/13	4-0.51/4-13	1.77/45	0.39/10	F12
	300	5.91/150.0	4.92/125	3.37/85.5	1.42/36	0.14/3.5	0.51/13	4-0.51/4-13	1.77/45	0.39/10	F12
	600	6.89/175.0	5.51/140	3.96/100.5	1.65/42	0.16/4	0.67/17	4-0.67/4-17	2.36/60	0.47/12	F14
	900	6.89/175.0	5.51/140	3.96/100.5	1.65/42	0.16/4	0.67/17	4-0.67/4-17	2.36/60	0.47/12	F14
	1500	8.27/210.0	6.50/165	5.14/130.5	1.65/42	0.20/5	0.83/21	4-0.83/4-21	2.83/72	0.47/12	F16
	2500	9.84/250.0	7.87/200	6.32/160.5	1.89/48	0.20/5	0.83/21	8-0.67/8-17	2.76/70	0.55/14	F20
6" 8"X6"X8"	150	6.89/175.0	5.51/140	3.96/100.5	1.65/42	0.16/4	0.67/17	4-0.67/4-17	2.36/60	0.47/12	F14
	300	6.89/175.0	5.51/140	3.96/100.5	1.65/42	0.16/4	0.67/17	4-0.67/4-17	2.36/60	0.47/12	F14
	600	8.27/210.0	6.50/165	5.14/130.5	1.89/48	0.20/5	0.83/21	4-0.83/4-21	2.76/70	0.55/14	F16
	900	9.84/250.0	7.87/200	6.32/160.5	1.89/48	0.20/5	0.83/21	8-0.67/8-17	2.99/76	0.55/14	F20
	1500	11.81/300.0	10.00/254	7.89/200.5	2.36/60	0.20/5	0.83/21	8-0.67/8-17	2.99/76	0.71/18	F25



Actuator Mounting dimensions:

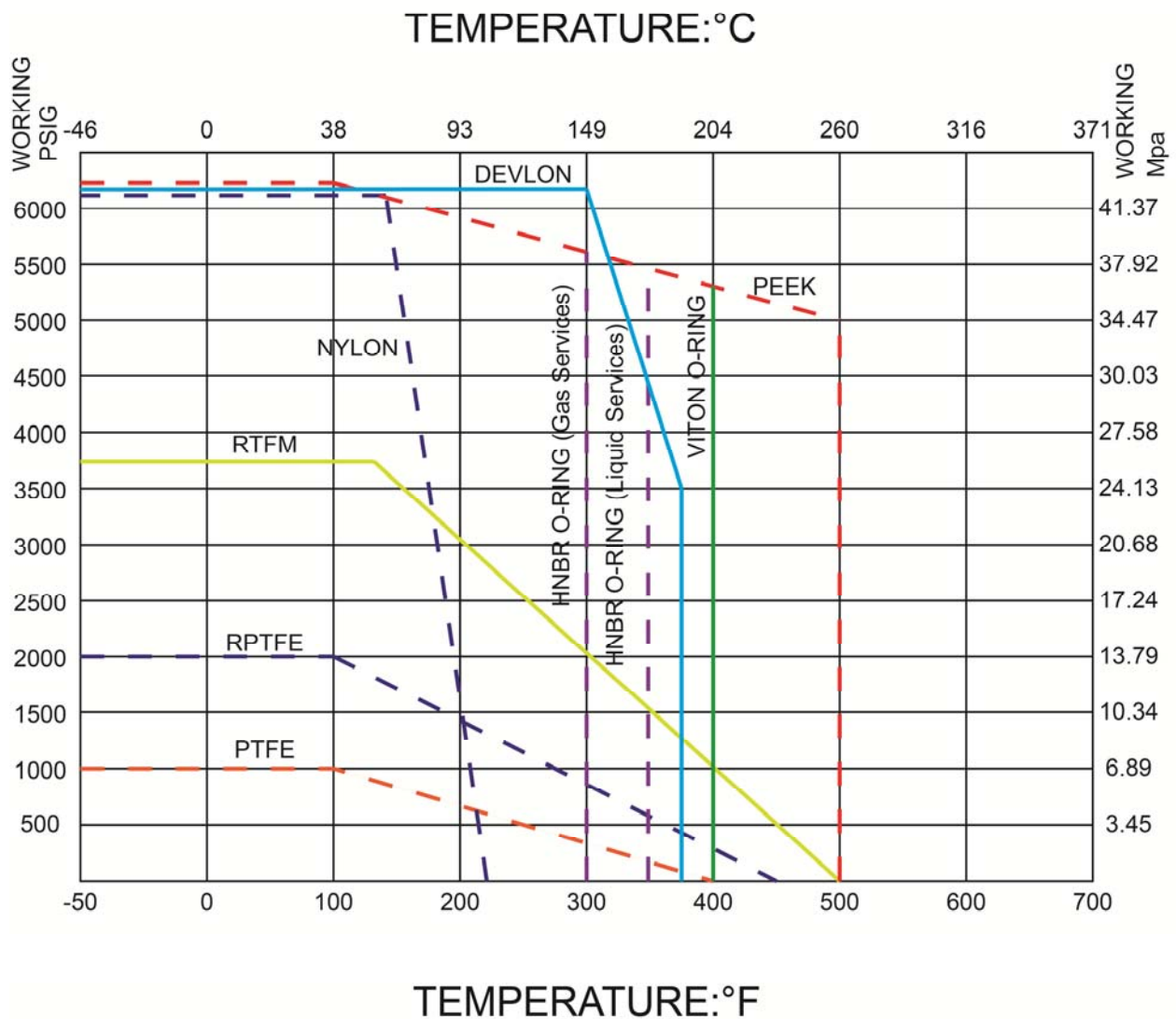
SIZE	CLAS	A	B	C	D	f	t	n-Ød	H	Key	ISO
in/mm	S	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	5211#
8" 10"X8"X10"	150	9.84/250.0	7.87/200	6.32/160.5	2.36/60	0.20/5	0.83/21	8-0.67/8-17	3.01/76.5	0.71/18	F20
	300	9.84/250.0	7.87/200	6.32/160.5	2.36/60	0.20/5	0.83/21	8-0.67/8-17	3.01/76.5	0.71/18	F20
	600	9.84/250.0	7.87/200	6.32/160.5	2.36/60	0.20/5	0.83/21	8-0.67/8-17	2.99/76	0.71/18	F20
	900	11.81/300.0	10.00/254	7.89/200.5	2.36/60	0.20/5	0.83/21	8-0.67/8-17	3.01/76.5	0.71/18	F25
	1500	11.81/300.0	10.00/254	7.89/200.5	2.83/72	0.20/5	0.83/21	8-0.67/8-17	3.41/86.5	0.79/20	F25
10" 12"X10"X12"	150	11.81/300.0	10.00/254	7.89/200.5	2.83/72	0.20/5	0.83/21	8-0.67/8-17	2.99/76	0.79/20	F25
	300	11.81/300.0	10.00/254	7.89/200.5	2.83/72	0.20/5	0.83/21	8-0.67/8-17	2.99/76	0.79/20	F25
	600	11.81/300.0	10.00/254	7.89/200.5	2.83/72	0.20/5	0.83/21	8-0.67/8-17	2.99/76	0.79/20	F25
	900	11.81/300.0	10.00/254	7.89/200.5	2.83/72	0.20/5	0.83/21	8-0.67/8-17	2.99/76	0.79/20	F25
	1500	13.78/350.0	11.73/298	9.07/230.5	3.15/80	0.20/5	0.83/21	8-0.83/8-21	3.23/82	0.87/22	F30
12" 14"X12"X14" 16"X12"X16"	150	11.81/300.0	10.00/254	7.89/200.5	3.15/80	0.20/5	0.83/21	8-0.67/8-17	3.39/86	0.87/22	F25
	300	11.81/300.0	10.00/254	7.89/200.5	3.15/80	0.20/5	0.83/21	8-0.67/8-17	3.39/86	0.87/22	F25
	600	11.81/300.0	10.00/254	7.89/200.5	3.15/80	0.20/5	0.83/21	8-0.67/8-17	3.39/86	0.87/22	F25
	900	13.78/350.0	11.73/298	9.07/230.5	3.15/80	0.20/5	0.83/21	8-0.83/8-21	3.62/92	0.87/22	F30
	1500	13.78/350.0	11.73/298	9.07/230.5	3.94/100	0.20/5	0.91/23	8-0.83/8-21	3.80/96.5	2-1.10 / 2-28	F30
14" 18"X14"X18"	150	11.81/300.0	10.00/254	7.89/200.5	3.54/90	0.24/6	0.90/23	8-0.67/8-17	3.66/93	2-0.98 / 2-25	F25
	300	11.81/300.0	10.00/254	7.89/200.5	3.54/90	0.24/6	0.90/23	8-0.67/8-17	3.66/93	2-0.98 / 2-25	F25
	600	13.78/350.0	11.73/298	9.07/230.5	3.54/90	0.24/6	0.90/23	8-0.83/8-21	3.66/93	2-0.98 / 2-25	F30
16" 20"X16"X20"	150	13.78/350.0	11.73/298	9.07/230.5	3.94/100	0.24/6	0.91/23	8-0.83/8-21	3.82/97	2-1.10 / 2-28	F30
	300	13.78/350.0	11.73/298	9.07/230.5	3.94/100	0.24/6	0.91/23	8-0.83/8-21	3.82/97	2-1.10 / 2-28	F30
	600	13.78/350.0	11.73/298	9.07/230.5	3.94/100	0.24/6	0.91/23	8-0.83/8-21	3.94/100	2-1.10 / 2-28	F30
18"	150	13.78/350.0	11.73/298	9.07/230.5	3.94/100	0.24/6	0.91/23	8-0.83/8-21	3.94/100	2-1.10 / 2-28	F30
	300	13.78/350.0	11.73/298	9.07/230.5	3.94/100	0.24/6	0.91/23	8-0.83/8-21	3.94/100	2-1.10 / 2-28	F30
	600	16.34/415.0	14.02/356	10.26/260.5	4.49/114	0.24/6	1.26/32	8-1.26/8-32	5.70/145	2-1.26 / 2-32	F35
20" 24"X20"X24"	150	16.34/415.0	14.02/356	10.26/260.5	4.49/114	0.24/6	1.26/32	8-1.26/8-32	5.75/146	2-1.26 / 2-32	F35
	300	16.34/415.0	14.02/356	10.26/260.5	4.49/114	0.24/6	1.26/32	8-1.26/8-32	5.75/146	2-1.26 / 2-32	F35
	600	16.34/415.0	14.02/356	10.26/260.5	4.49/114	0.24/6	1.26/32	8-1.26/8-32	5.70/145	2-1.26 / 2-32	F35
24"	150	18.70/475.0	15.98/406	11.83/300.5	5.51/140	0.31/8	1.57/40	8-1.50/8-38	5.79/147	2-1.41 / 2-36*	F40
	300	18.70/475.0	15.98/406	11.83/300.5	5.51/140	0.31/8	1.57/40	8-1.50/8-38	5.79/147	2-1.41 / 2-36*	F40
	600	18.70/475.0	15.98/406	11.83/300.5	5.51/140	0.31/8	1.57/40	8-1.50/8-38	5.75/146	2-1.41 / 2-36*	F40

* = Key size, 1.42 X 1.42 in / 36 X 36mm

Fusion Series 432

Pressure/Temperature Information:

PRESSURE/TEMPERATURE CURVE



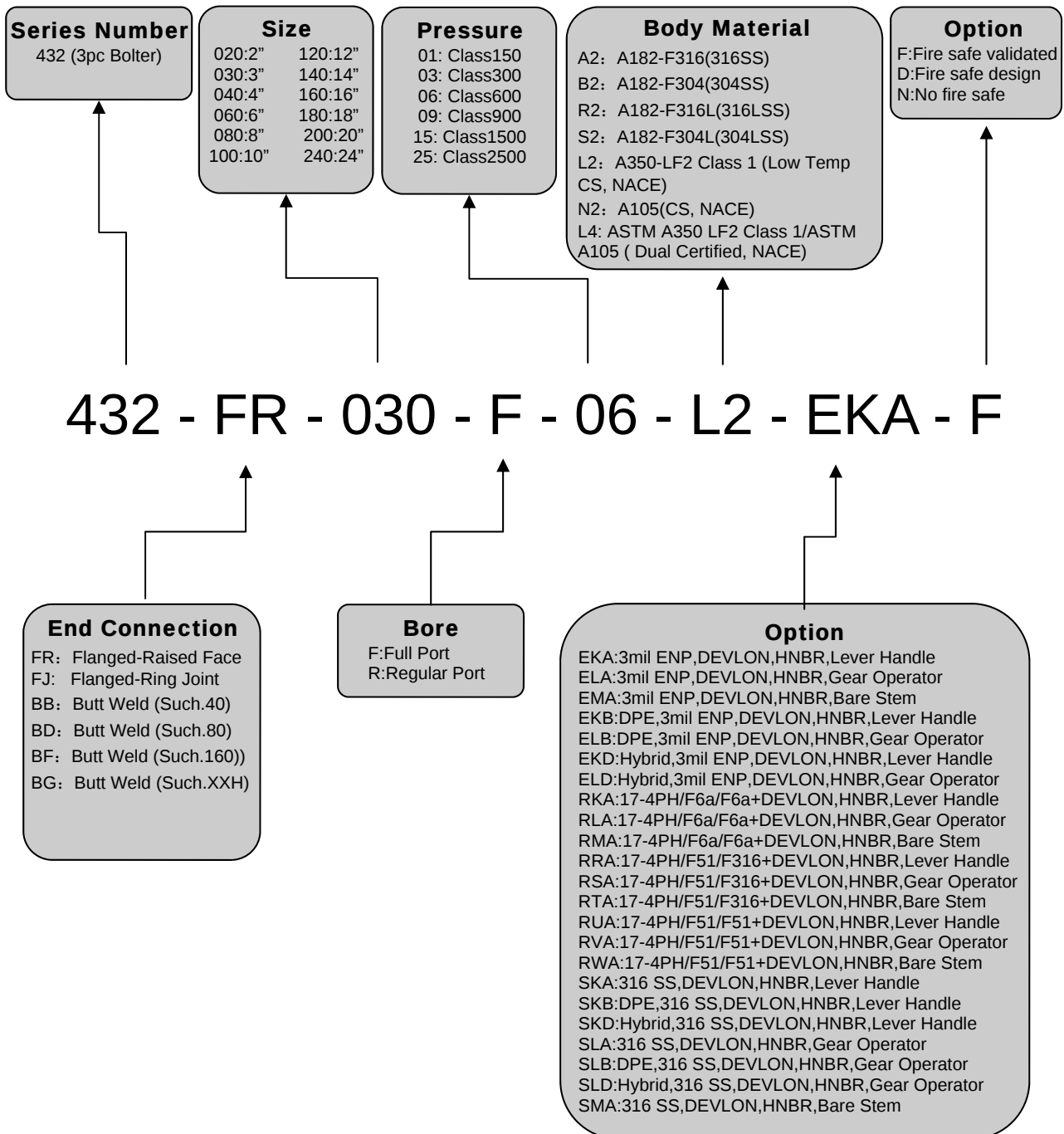
TORQUE DATA

Torque Data is published separately and available upon request. Please contact your local representative for details.

Due to continuous development of our products, we reserve the right to modify our product design or construction without prior notice.

Fusion Series 432

Ordering Information:



Ordering Repair Kits

SK=Minor Repair Kit– includes all soft goods (Seat and Seals) only

MK=Major Repair Kit– includes all soft goods (Seat and Seals) Ball and Stem

The code "SK" or "MK" in the end connection field denotes either minor (SK) or major (MK) repair kit.

Fusion Series 432

ISO/API/CE Certificates:

Certificate

Standard ISO 9001:2015

Certificate Reg. No. 01 100 048084

Certificate holder: **Fortune Valve (Hingbo) Co., Ltd.**
Unified Social Credit Code to: 91330200730154511H
Registration Address: No. 15 Fengyang 2 Road, Beilin District, Ningbo City
315020 Zhejiang
P.R. CHINA
Operation Address: same as above

Scope: Design and Manufacturing of Ball Valves and its Parts

Validity: The certificate is valid from 2023-05-23 until 2026-05-22,
it remains valid subject to satisfactory surveillance audits.
First certification 2023
This certificate information can be searched on CNCA official
website <http://www.cnca.gov.cn>

2023-04-11

P2

Authorized responsible officer: TÜV Rheinland China Ltd., Room 301, 3/F and Room 1025,
10/F, Building 4, No. 18, Rongshu Road, Baogong Economic Technology
Development Area, Baofeng (Yuhang) County in Hangzhou (Zhejiang) province of Zhejiang (P.R. China)
Town Zhenji, 310709, P. R. China

www.tuv.com

IAF **DAKS**

TÜV Rheinland



CERTIFICATE OF FULL QUALITY ASSURANCE FOR PRESSURE EQUIPMENT ACCORDING TO EUROPEAN DIRECTIVE 2014/68/EU (MODULE H)

Certificate No.: **04307-1-0000 (Rev. 2)**
 Date of last Certification: **03/05/2018**
 Valid until: **03/05/2020**
 The Certificate is valid until: **30/09/2018**
 Issue/Revision Date: **04/05/2018**
 subject of certification: **pressure**

Equipment Description:
Pressure & Safety
 Type of Pressure Equipment:
 Technical Description of Pressure Equipment:
 Designated Category of Pressure Equipment:
 Reason for the Assessment of the Equipment:
 Scope of Certification:
 Audit Report No.:

MANUFACTURER: **EUROTECH, S.p.A.**
100, VIA FORTINERIA, 10000, BIELLA (SS), ITALY
Address for the certificate:
 01
EUROPEAN PRESSURE EQUIPMENT DIRECTIVE (DIRECTIVE 2014/68/EU):
ANNEX II, PART C1.1.4
2014/68/EU, ANNEX C1.1.4.1, 2014/68/EU, ANNEX C1.1.4.2
04/05/2018

This pressure equipment should be accompanied with a declaration of conformity and instructions of use. The manufacturer must keep the certified data of pressure equipment in a detailed file of the quality assurance system. The manufacturer must affix the (CE) Marking and Conformity Declaration file of the pressure equipment to the product.



This is to certify that Eurocert S.p.A. has assessed the quality assurance system of the above mentioned manufacturer with satisfactory results.

Certificate Number	Description	Issue Date
04307-1-0000	Pressure & Safety	04/05/2018
0	Surveillance Period	30/09/2018
0	Revision of Certificate and Data have been modified	04/05/2018



The certificate holder is a pressure vessel certification body, as defined by the European Pressure Equipment Directive (2014/68/EU) and the European Pressure Equipment Regulation (2017/750/EU).

Eurocert S.p.A. is a company registered in the Italian Register of Companies (Repubblica Italiana) with the following details:

- 01500000101 - 01500000101 - 01500000101 - 01500000101 - 01500000101

Other Products Available



Fusion Flanged Floating Ball Valves 1/2"-6", ASME Class 150 - 600



Cast & Forged Steel Gate, Globe & Check Valves
1/4" - 24", ASME Class 150 - 1500



Fusion Floating Ball Valves
available in full stainless steel



Fusion Series 317 Isolator Valve Venturi Port Design



Fusion Series 432

Fortune Industries (Dalian)



FORTUNE CORPORATE CULTURE



INTEGRITY
LOYALTY
INNOVATION
SHARING

Fortune Branded Products

Ball Valves

Steel Ball valves

- >> 1-piece, 2-piece, 3-piece
- >> Threaded, Socket Welded and Flanged Connections
- >> Full and Standard Port configurations
- >> 1/4" to 6",
- >> Designed to ASME B16.34

Brass Ball Valves

- >> 2-piece Forged Brass Material
- >> Threaded and Solder Connections
- >> Full and Standard Port Configurations
- >> 1/4" to 4" -600 WOG (400 WOG for larger sizes)
- >> Various Handle Options
- >> CSA, UL, FM, and NSF61 approvals
- >> Designed and Tested to MSS-SP-110

Bronze Ball Valves

- >> 2-piece, 3-piece Cast Bronze Material
- >> Threaded and Solder Connections
- >> Full Port Configuration
- >> 1/4" to 4" -600 WOG (400 WOG for large sizes)
- >> Various Handle Options
- >> Designed and Tested to MSS-SP-110

Miscellaneous Valves

Butterfly Valves

- >> Cast Iron and Ductile Iron Material
- >> Lug and Wafer Style
- >> Al-Bronze, Cr-Plate DI, and CF8M Disks Available
- >> EPDM and Buna Seals Available
- >> Both Lever Handle and Gear Operator Options
- >> 2" to 24" - 200 WOG
- >> ISO5211 Mounting Flange Design

Gas Ball Valves

- >> 2-piece Brass Material
- >> Threaded and Flare Connections
- >> 3/8" to 1" - 400W OG
- >> CSA, UL, and NSF61 approvals
- >> Designed and Tested to MSS-SP-110

Low-Pressure Valves

- >> Hose Bibb, Boiler Drain, Sillcock, etc...
- >> Brass Material
- >> Both Quarter-Turn and Multi-turn Designs
- >> Various Connections
- >> 1/2" and 3/4" - 200W OG

Carbon and Stainless Steel Ball Valves

- >> 1-piece, 2-piece, and 3-piece Construction
- >> Carbon and Stainless Steel Body Materials
- >> Full and Regular Port Configurations
- >> 1/4" to 3" - 100 WOG and 200WOG
- >> Designed and Tested to MSS-SP-110

Y-Strainers

- >> Cast Iron, Cast Bronze, and Carbon/Stainless Steel Materials
- >> Threaded, Solder, and Flanged Connections
- >> 1/2" to 2" - Cast Bronze in 300 WOG
- >> 1/2" to 2" - Cast Carbon/Stainless Steel in 200 WOG
- >> 2" to 24" - Cast Iron in Class 125
- >> Various Screen Mesh Sizes Available

Gate, Globe, and Check Valves

Brass, Gate and Swing Check Valves

- >> Brass Construction
- >> Threaded and Solder Connections
- >> 1/2" to 4" - 200WOG

Bronze Gate, Globe, and Check Valves

- >> Cast Bronze Construction
- >> Threaded and Solder Connections
- >> 1/2" to 4" - 200 WOG and 300 WOG
- >> Designed and Tested to MSS-SP-80

Cast Iron Gate, Globe and Check Valves

- >> Cast Iron Material
- >> Flanged Connection
- >> 2" to 24" - Class 125
- >> Designed and Tested to MSS-SP-70/85/71
- >> Both OS&Y and NRS Options for Gate Valve
- >> Epoxy-Coated Gate Valve Optional
- >> ANSI, DIN, JIS Standards Available



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