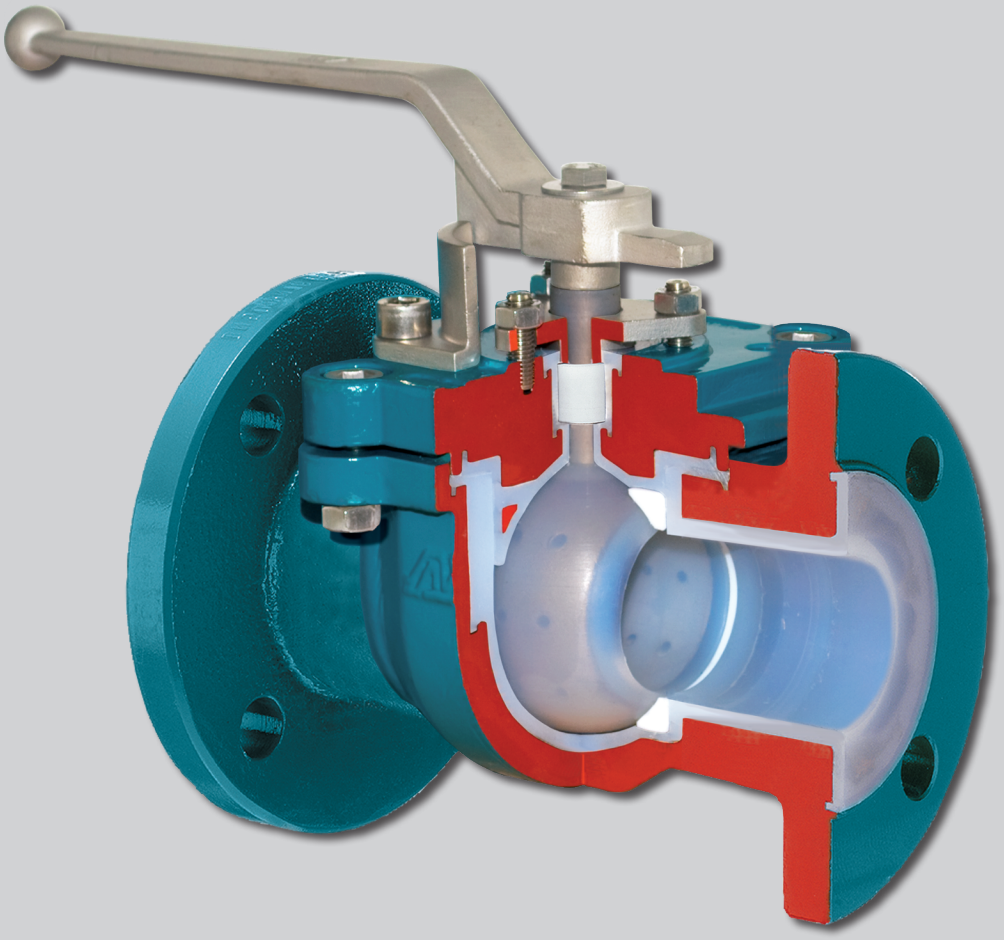
ARMATUREN
free of cavity & maintenance

TYPE MONOBLOC-EXTRA

Ball Valve FEP/PFA - lining
DN 15 - 200 / PN 10 - 25
NPS ½“ - 8“ / class 150



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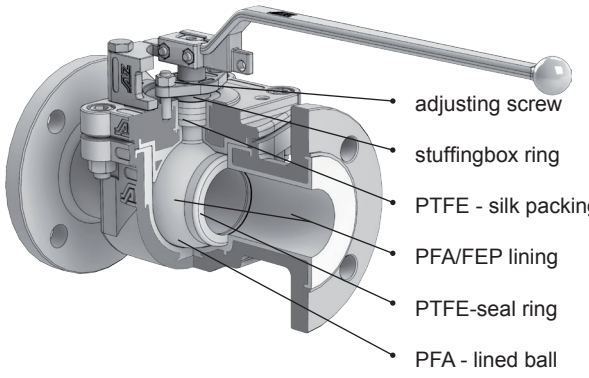
- one-piece durable body (monobloc)
- top entry of ball for easy replacement of sealing
- cavity minimized design, chemical resistant
- economic automation due to low torque
- actuator mounting flange acc. to DIN/ISO 5211
- ball and ball shaft one-piece - no blow-out - robust !
- closing-off with double-sided sealing
- minimum 3 mm FEP/PFA lining
- face to face DIN EN 558-1 (flange acc. to DIN or ASME)

TÜV ISO 9001

CE

TYPE MONOBLOC-EXTRA

Design characteristics



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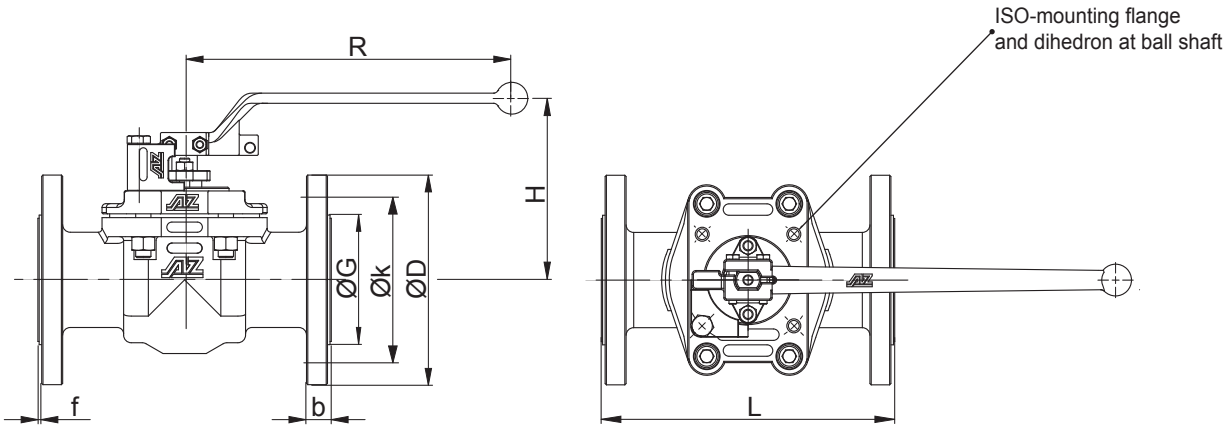
Materials:

body: EN-GJS-400-18 (GGG 40.3) / ASTM A395 / A 536, 1.0619 (GS-C 25) / ASTM A216 WCB, 1.1138 / ASTM A352LCB (GS21MN5), 1.4408 / ASTM A351 CF8M
Ball: 1.4408 / ASTM A351 CF8M
lining-body: FEP, PFA, PFA-conductive, PVDF lining Ball: PFA, PFA-conductive, PVDF

Only virgin granulate is used, no regenerated material or similar. Different body and lining materials on request.



	DN	PN	L	øD	øG	flange hole			b	f	R	H	ISO 5211 flange	dihedron [mm]	torque.[Nm] Δp=10bar*	weight [Kg]
						øk	No.	ø								
DIN EN 1092/1 / 558-1	25	16	160	115	68	85	4	14	18	3	230	119	F07	11	45	**
	40	16	200	150	88	110	4	18	18	3	230	126	F07	11	45	**
	50	10-16	230	165	102	125	4	18	19,5	3	320	143	F10	14	50	**
	80	10-16	310	200	138	160	8	18	21,5	3	600	199	F12	22	120	**
	100	10-16	350	220	158	180	8	18	20	3	600	202	F14	22	120	**
	150	10-16	350	285	212	240	8	22	22	3	600	227	F16	27	160	**
	200	10 16	400	340	268	295	8 12	22	24	3	600	277	F16	27	270	**

	NPS	Class	L	øD	øG	flange hole			b	f	R	H	ISO 5211 flange	dihedron [mm]	torque.[Nm] Δp=10bar*	weight [Kg]
						øk	No.	ø								
ASME B 16.5 / ASME 16.10	1“	150	165	108	50,8	79,2	4	15,7	14,2	1,6	230	119	F07	11	45	**
	1½“	150	190	127	73,1	98,6	4	15,7	17,5	1,6	230	126	F07	11	45	**
	2“	150	216	152,4	91,9	120,7	4	19,1	19,1	1,6	320	143	F10	14	50	**
	3“	150	282	190,5	127	152,4	4	19,1	23,9	1,6	600	199	F12	22	120	**
	4“	150	305	228,6	157,2	190,5	8	19,1	23,9	1,6	600	202	F14	22	120	**
	6“	150	403	279,4	215,9	241,3	8	22,4	25,4	1,6	600	227	F16	27	160	**
	8“	150	502	342,9	269,7	298,5	8	22,4	29,4	2,5	600	277	F16	27	270	**

* recommended safety factor for actuator +40%
** on request

Order example:F-2-MONOBLOC-E-DN50-PN40-GGG40.3-PFA/PFA
F = flange, 2 = twoway, Monobloc= ball valve TYPE Monobloc-E, DN50 = size, PN40 = rating, GGG40.3 = body material, PFA/PFA = lining material body/ball

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3.0 03.13-0-E Subject to technical change without notice