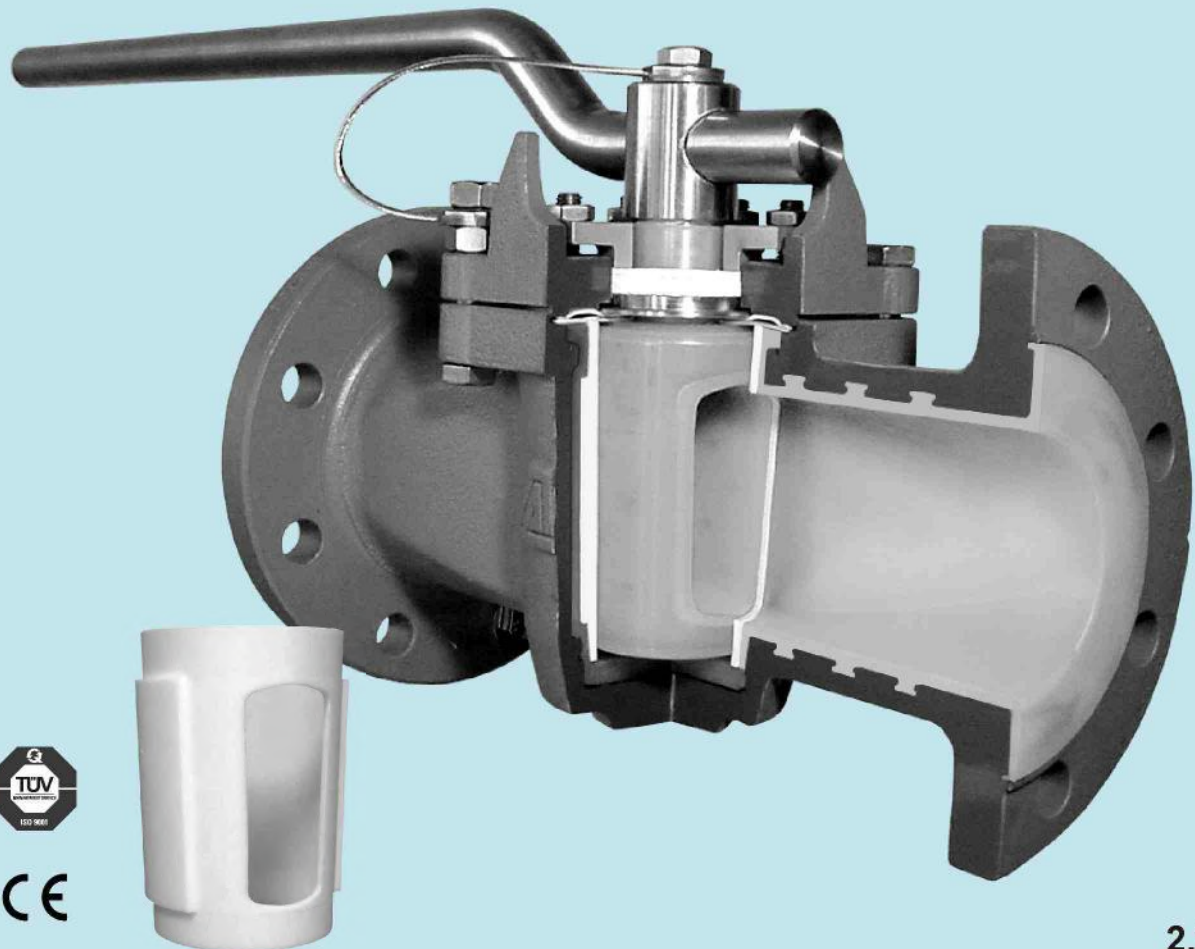


TYPE "AB 2000"

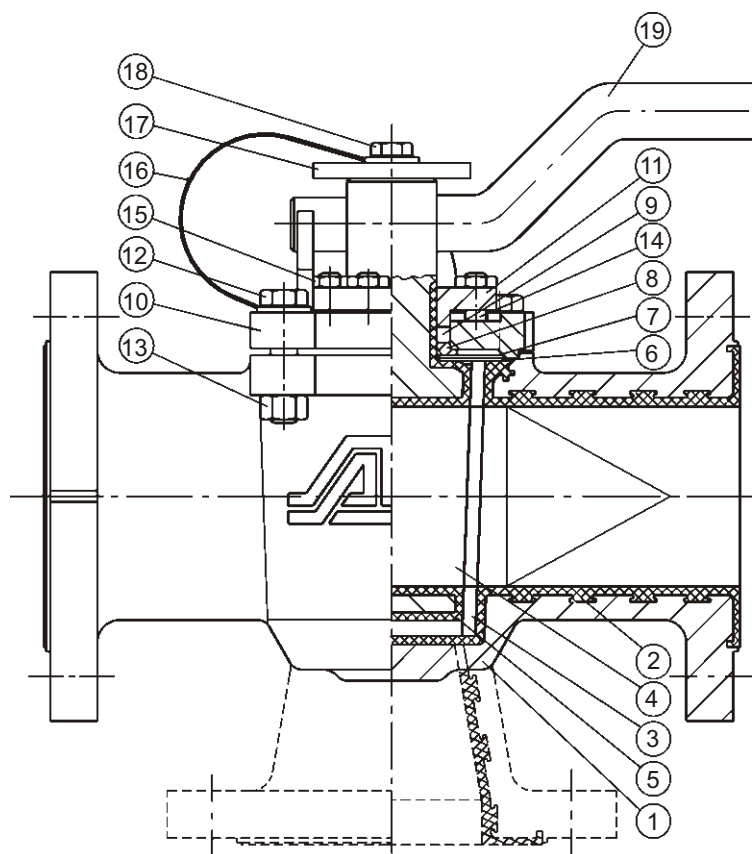
Plugvalve with PFA/FEP-Lining and PTFE-SLEEVE



- PTFE-SLEEVE easy to replace
- repairing ecologically
- higher temperature resistance up to 210°C
- non-lubricated easy turning
- economic automisation
- PFA/FEP-Lining min. 3mm
- chemical resistant
- free of cavities
- vacuum tight

Type "AB 2000"

Plugvalve with PFA/FEP-Lining and PTFE-SLEEVE



19	hand lever	1.4301
18	bolt	A2-70
17	positioner	GGG40
16	static-eliminator (optional)	1.4301
15	nut	8.
14	adjusting screw	8.8
13	nut	8.
12	bolt	8.8
11	adjusting ring	1.4308
10	cover	GGG40.3
9	sealing ring	PTFE
8	pressure ring	1.4541
7	diaphragm	1.4571
6	diaphragm	PTFE
5	lining plug	PFA / FEP
4	plug	1.4408
3	sleeve	PTFE
2	lining body	PFA / FEP
1	body	GGG40.3
Pos.	Description	Material

- 1) other available body materials:
 Low temp. LCB / 1.1138
 Stainless-steel 316 / 1.4408, others on request

Pressure - Temperature - Table

P [bar]	0	3	5	10	25	40	40	40	40	40	30	20	10	9	5
T [°C]	-40	-30	-20	-10	0	20	40	60	80	100	120	140	160	180	210

Note: The a.m. values depend on the application (medium)

DN	PN	NPS ANSI 150	KV-Wert [m³ / h]	CV-Value [m³ / h]	Weight [Kg]		Standard ²⁾ Break off torque Md los [Nm]	allowable torque Md max [Nm]
					DIN	ANSI		
15	10 - 40	1/2"	18	21	3,5	2,5	25	88
25		1"	26	31	4,6	3,3	30	102
40		1 1/2"	102	119	9	6,5	58	203
50		2"	198	231	13	11	80	272
80		3"	355	414	20	17	120	420
100		4"	562	656	27	23	140	476
100S		4"S	916	1068	27	23	180	612
150	10 - 16	6"	1094	1276	70	61	505	1768
200		8"	1900	2215	125	94	780	2730
250		10"	2339	2727	160	127	910	3185
300		12"	3977	4637	170	153	1520	4225
350		14"	5368	6259	210	180	2925	9653
400		16"	7494	8738	305	246	2925	9653

Further sizes and pressure ratings as well as Full Bore Design Type "AB 2000 Extra" on request.

2) For automation we recommend a safety factor of 1,7 for determination of the actuator.

Example for ordering: F-2-50-PN16-AB2000-GGG40.3

F = Flange, 2 = twoway, 50 = nominal size
 PN16 = nominal pressure 16, AB2000 = type
 GGG40.3 = body material



AZ-Armaturen GmbH
 D-78087 Mönchweiler
 Waldstraße 7
 Telefon +49 (0)7721 7504-0
 Telefax +49 (0)7721 7504-13
 e-mail: info@az-armaturen.de
 http://www.az-armaturen.de