GLOBE VALVE
FIG. 5416X / 5416AX

ZETKAMA

GENERAL FEATURES:

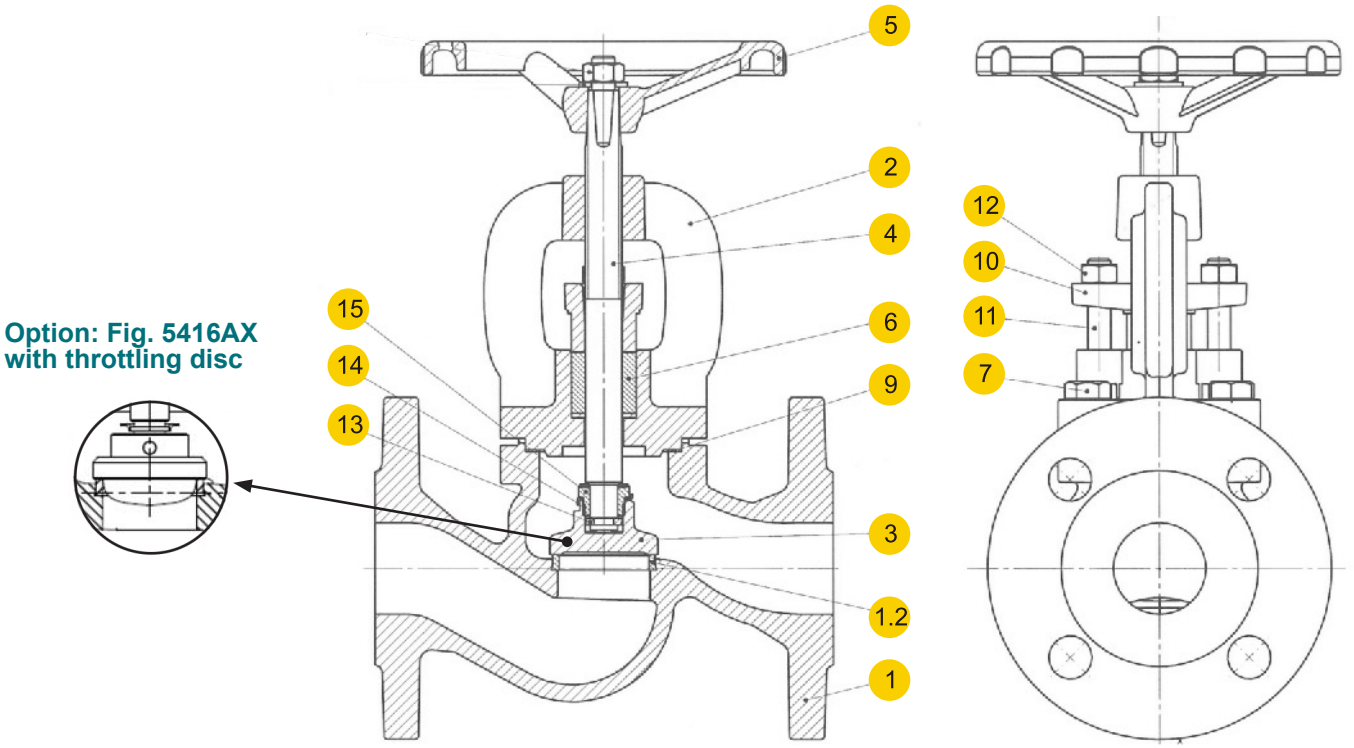
- globe valve in cast iron EN-GJL-250, GG-25
- rising stem in stainless steel AISI 420
- working pressure 16 bar, temperature -10°C ~ 300°C
- flanges PN 16 according to EN 1092-2
- also available with throttling disc (5416AX)
- tightness rate A according to EN 12266-1 (regular disc)
  tightness rate B according to EN 12266-1 (throttling disc)



CE

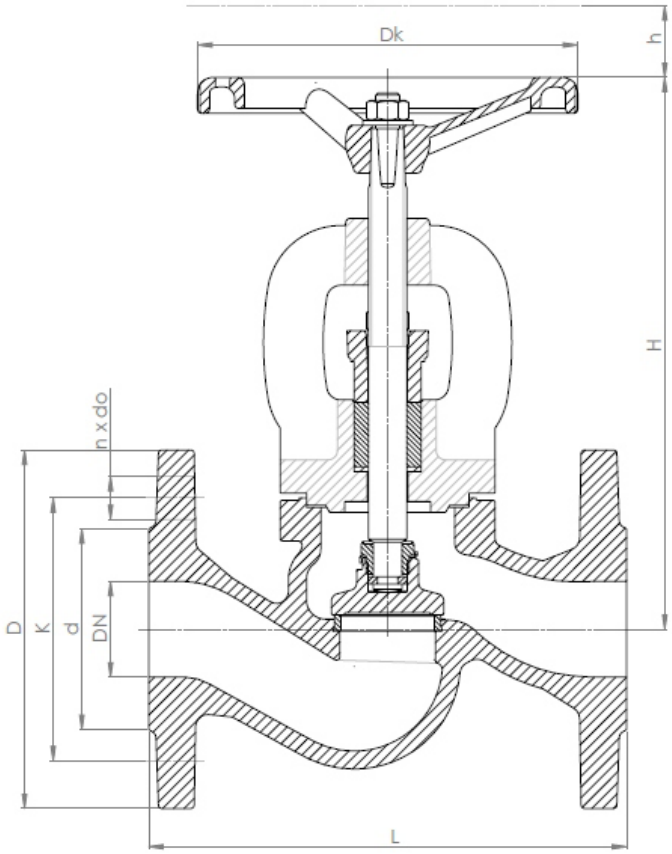
DESIGN STANDARDS	
Valve design	EN 13789
Flanges	EN 1092-2
Face to face dimensions	EN 558-1 Series 1
Marking	EN 19, CE-PED
TESTS AND CERTIFICATES	
Quality Assurance	ISO 9001, CE-PED
Pressure testing	EN 12266

Subject to changes



Item	Description	Materials
1	Body	EN-GJL-250, GG-25
1.2	Seat ring	X12Cr13, AISI 410
2	Bonnet	EN-GJL-250, GG-25
3	Disc	X20Cr13, AISI 420
4	Stem	X20Cr13, AISI 420
5	Handwheel	Steel
6	Packing	Graphite
7	Bolt	8.8
9	Bonnet gasket	Graphite + NiCr
10	Gland	EN-GJL-250, GG-25
11	Bolt	5.8 + galvanized zinc
12	Nut	X20Cr13, AISI 420
13	Ring	X6CrNiTi18-10, AISI 321
14	Washer	X20Cr13, AISI 420
15	Screw	X20Cr13, AISI 420

Subject to changes

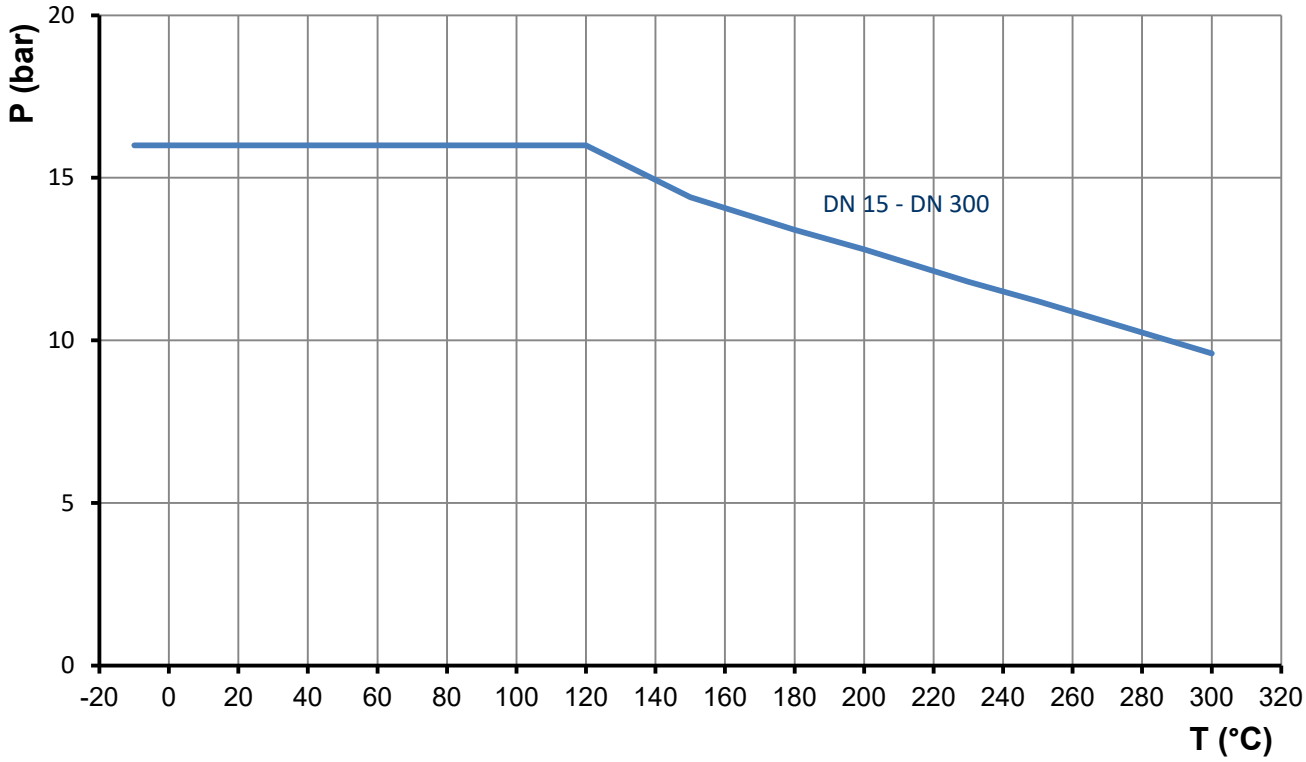


DIMENSIONS: (mm)

DN	L	H	h	Dk	D	d	K	nx d0	Kg
15	130	167	5,0	100	95	46	65	4x 14	3,3
20	150	167	5,5	100	105	56	75	4x 14	3,9
25	160	175	7,0	120	115	65	85	4x 14	5,0
32	180	186	14,0	120	140	76	100	4x 19	6,6
40	200	235	20,0	160	150	84	110	4x 19	8,4
50	230	248	25,0	160	165	99	125	4x 19	12,0
65	290	260	35,0	180	185	118	145	4x 19	17,3
80	310	291	41,0	200	200	132	160	8x 19	22,7
100	350	338	45,0	250	220	156	180	8x 19	35,8
125	400	384	48,0	250	250	184	210	8x 19	52,8
150	480	429	54,0	320	285	211	240	8x 23	74,2
200	600	529	77,0	360	340	266	295	12x 23	126,0
250	730	638	120,0	360	405	319	355	12x 28	200,0
300	850	710	120,0	500	460	370	410	12x 28	315,0

Subject to changes

PRESSURE-TEMPERATURE CHART:



Kv VALUE: (in m³/h)

DN	Kv	
	5416X	5416AX
15	5,9	4,7
20	7,4	4,5
25	13,0	9,1
32	18,0	13,0
40	30,0	20,0
50	41,0	30,0
65	79,0	60,0
80	115,0	90,0
100	181,0	125,0
125	225,0	200,0
150	364,0	270,0
200	690,0	550,0
250	1010,0	950,0
300	1460,0	-

Subject to changes