

ARI-CHECKO®-V 003

Check valve - straight through with flanges



Your valve made by ARI®
ari-armaturen.com

ALPHA GROUP

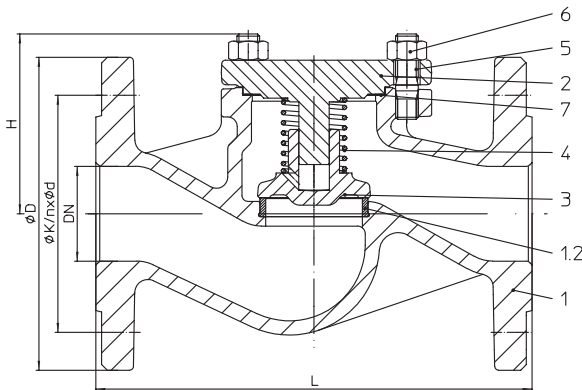
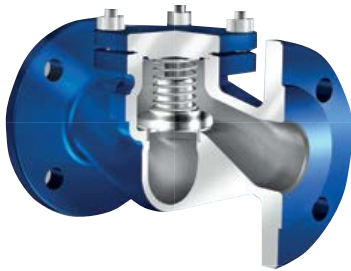


Figure	Nominal pressure	Material	Nominal diameter
10.003	PN6	EN-JL1040	DN15-200
12.003 / 12.303	PN16	EN-JL1040	DN15-300
22.003 / 22.003	PN16	EN-JS1049	DN15-350
23.003 / 23.303	PN25	EN-JS1049	DN15-150
34.003 / 34.303	PN25	1.0619+N	DN15-500
35.003 / 35.303	PN40	1.0619+N	DN15-500

Set pressure 0,1 bar

The operating point of the valve cannot be chosen in the unstable region!

Fig. 303: Trim made of RG/MS:

CuZn35Ni3Mn2AlPb, CW710R code number 02

CuSn10-Cu, CC480K code number 03

(max. operating temperature: 180°C, code number acc. to DIN 86251)

Test: • EN ISO 15848-1 / TA - Luft TÜV-Test-No. TA 09 2016 C04

Considered standards: • EN 16767

Shut off class solid plug

standard: • metallic sealing
Leakage rate C acc. to DIN EN 12266-1

optional: • PTFE-soft sealing
Leakage rate A acc. to DIN EN 12266-1

Parts								
Pos.	Sp.p.	Description	Fig. 10./12.003	Fig. 10./12.303	Fig. 22./23.003	Fig. 22./23.303	Fig. 34./35.003	Fig. 34./35.303
1		Body	EN-JL1040, EN-GJL-250		EN-JS1049, EN-GJS-400-18U-LT		GP240GH+N, 1.0619+N	
1.2		Seat ring	X20Cr13+QT, 1.4021+QT	CuSn10-Cu, CC480K code number 03	X20Cr13+QT, 1.4021+QT	CuSn10-Cu, CC480K code number 03	DN ≤50: X20Cr13+QT, 1.4021+QT DN >50: G19 9 Nb Si, 1.4551	CuSn10-Cu, CC480K code number 03
2		Cover	DN ≤20: EN-JS1049, EN-GJS-400-18U-LT DN >20 EN-JL1040, EN-GJL-250		EN-JS1049, EN-GJS-400-18U-LT		GP240GH+N, 1.0619+N	
3	x	Plug	DN ≤200: X20Cr13+QT, 1.4021+QT DN >200: P265 GH, 1.0425 / G19 9 Nb Si, 1.4551	CuZn35Ni3Mn 2AlPb, CW710R code nr. 02 CuSn10-Cu, CC480K code nr. 03	DN ≤200: X20Cr13+QT, 1.4021+QT DN >200: P265 GH, 1.0425 / G19 9 Nb Si, 1.4551	CuZn35Ni3Mn 2AlPb, CW710R code nr. 02 CuSn10-Cu, CC480K code nr. 03	DN ≤200: X20Cr13+QT, 1.4021+QT DN >200: P265 GH, 1.0425 / G19 9 Nb Si, 1.4551	CuZn35Ni3Mn 2AlPb, CW710R code nr. 02 CuSn10-Cu, CC480K code nr. 03
4		Spring	X10CrNi18-8, 1.4310		X10CrNi18-8, 1.4310			
5		Hexagon bolt	5.6		--			
5		Stud	--		25CrMo4, 1.7218			
6		Hexagon nut	--		C35E, 1.1181			
7	x	Gasket	Pure graphite (CrNi laminated with graphite)					
	L Spare parts							

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Face-to-face dimension FTF series 1 according to DIN EN 558																	Standard-flange dimensions refer to page 11
L	(mm)	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1350*

Dimensions																		
H	(mm)	70	70	80	80	85	95	110	130	155	165	215	285	325	365	420	430	530
Kvs-value	(m³/h)	5,7	7,8	11,8	17,9	27,5	48,0	77,6	109	168	251	389	664	1017	1446	2042	2725	4167
Zeta-value	--	2,5	4,2	4,5	5,2	5,4	4,3	4,7	5,5	5,7	6,2	5,3	5,8	6,0	6,2	5,7	5,5	5,7
Zeta-value ... range of tolerance for Kvs-values acc. to VDI/VDE 2173																		

Weights																		
10.003 / 303	(kg)	2,4	2,9	3,5	4,8	6,4	8,2	12,2	18,6	27	42	67	112	--	--	--	--	--
12.003 / 303	(kg)	2,4	3	3,8	5,7	7,4	10,3	15,2	20,4	31	49	69	132	198	278	--	--	--
22.003 / 303	(kg)	3,5	4	5	6	8	11	16	21	31	49	69	132	198	278	383	--	--
23.003 / 303	(kg)	3,5	4	5	6	8	11	16	21	32	51	70	--	--	--	--	--	--
34.003 / 303	(kg)	3,8	4,9	5,9	7,1	10,4	12,3	22,7	28,5	40	64	90	160	222	337	461	709	989
35.003 / 303	(kg)	3,8	4,9	5,9	7,1	10,4	12,3	22,7	28,5	40	64	90	170	240	374	508	786	1044



@ALPHAGROUP



0-2792-9333



www.alphagroup.co.th