

Stop valve - straight through with flanges and gland seal (Cast steel)

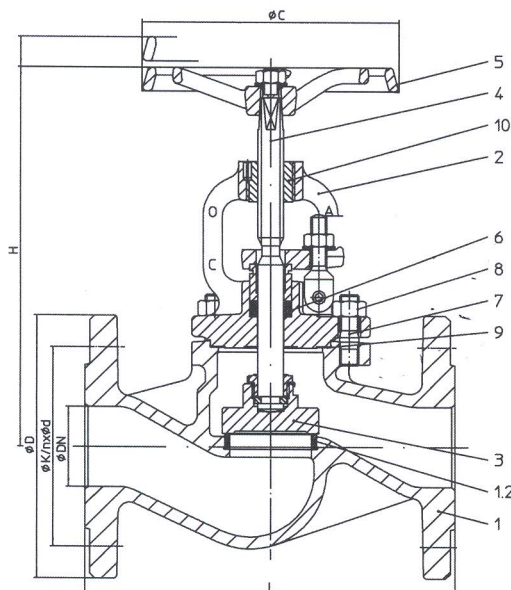


Figure	Nominal pressure	Material	Nominal diameter
34.006	PN25	1.0619+N	15-500
34.306	PN25	1.0619+N	15-500
35.006	PN40	1.0619+N	15-500
35.306	PN40	1.0619+N	15-500

Fig. 306: Trim made of RG/MS

CuZn35Ni3Mn2AlPb, CW710R code number 02

CuSn10-Cu, CC480K code number 03

(max. operating temperature: 225°C, code number acc. to DIN 86251)

Test:

- 34.006 DN15-400: Test approvals TÜ.A/TÜV.AR.187-00
- 35.006 DN15-200: Test approvals TÜ.A/TÜV.AR.187-00
- DN15-300 optional: German TA-Luft TÜV-Test-No. 922-9204866 (refer to p.16)

At high differential pressures a balancing plug is necessary!

(not possible at Fig. 306, observe max. differential pressure!)

(refer to page 13)

Selection of possible applications

Industry, power stations, flue gas purification plant, vapour facilities, recycling facilities, shipbuilding, general plant manufacturing (other applications on request)

Selection of possible flow media

Steam, gases, liquids, etc.
(other flow media on request)

Parts

Pos.	Description	Fig. 34./35.006	Fig. 34./35.306
1	Body	GP240GH+N, 1.0619+N	
1.2	Seat ring	DN ≤50: X20Cr13+QT, 1.4021+QT DN >50: G19 9 Nb Si, 1.4551	CuSn10-Cu, CC480K code number 03
2	Bonnet	DN ≤80: P250 GH, 1.0460 DN >80: GP240GH+N, 1.0619+N	
3	Plug	DN ≤200: X20Cr13+QT, 1.4021+QT DN >200: P265 GH, 1.0425	CuZn35Ni3Mn2AlPb, CW710R code number 02 CuSn10-Cu, CC480K code number 03 ²⁾
4	Stem	X20Cr13+QT, 1.4021+QT (burnished)	CuSn8, CW453K code number 03 (burnished)
5	Handwheel	EN-JL1040, EN-GJL-250 (FE 13 epoxy-coating)	
6	Packing ring	Pure graphite	
7	Stud	25CrMo4, 1.7218	
8	Hexagon nut	C35E, 1.1181	
9	Gasket	Pure graphite (CrNi laminated with graphite)	
10	Insert nuts	11SMn30+C, 1.0715+C	

Information / restriction of technical rules need to be observed!

Operating instructions can be ordered by phone +49 (0)5207 / 994-0 or fax +49 (0)5207 / 994-158 or -159.

ARI-Valves of EN-JL1040 are not allowed to be operated in systems acc. to TRD 110.

A production allowance acc. to TRB 801 No. 45 exists

The engineer, designing a system or a plant, is responsible for the selection of the correct valve.

Dimensions

	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
L	(mm)	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	1350 *
H	(mm)	185	185	205	205	230	230	270	305	355	395	450	570	685	770	860	865	995
ØC	(mm)	120	120	140	140	160	160	180	200	225	250	400	520	520	520	640	640	640
Travel	(mm)	9	9	13	13	21	19	28	32	36	52	56	73	80	110	116	126	181
Kvs-value	(m³/h)	4,2	7,4	12	19	31	47	77	120	188	288	410	725	1145	1635	2220	3180	4530
Zeta-value	--	4,6	4,7	4,3	4,6	4,3	4,5	4,8	4,5	4,5	4,7	4,8	4,9	4,8	4,8	4,9	3,4	4,9

Zeta-value ... range of tolerance for Kvs-values acc. to VDI/VDE 2173

* acc. to manufacturers standard

Standard-flange dimensions refer to page 15

Face-to-face dimension FTF series 1 according to DIN EN 558

Weights

Figure-No.	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
34.006 / 306	(kg)	4,4	5,4	6,3	7	10,5	13,8	21	27,5	40	61	84	160	265	377	510	780	1095
35.006 / 306	(kg)	4,8	5,4	7,1	8	11,5	13,5	23,5	28	39,5	61	84	170	283	414	557	857	1150