

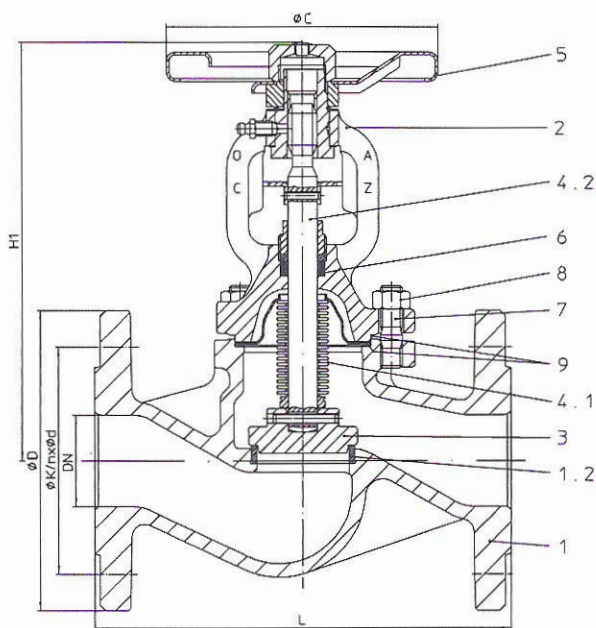
**Stop valve - straight through with flanges and bellows seal (Grey cast iron, SG iron, Cast steel)**


Figure-No.	Nominal pressure	Material	Nominal diameter
12.046	PN16	EN-JL1040	DN15-300
22.046	PN16	EN-JS1049	DN15-350
Test: DIN DVGW-Reg. DG-4313AO 0772			
23.046	PN25	EN-JS1049	DN15-150
34.046	PN25	1.0619+N	DN200-400
Test: Test approvals TÜ.A/TÜV.AR.186-00 DIN DVGW-Reg. DG-4313AO 0777			
35.046	PN40	1.0619+N	DN15-250
Test: Test approvals TÜ.A/TÜV.AR.186-00 DIN DVGW-Reg. DG-4313AO 0777			
Test: • German TA - Luft TÜV-Test-No. 088-945053			
<b>At high differential pressures a balancing plug is necessary!</b> (refer to page 13)			
DN15-100: Throttling plug as standard (for max. permissible $\Delta P$ refer to: Flow diagram)			

**Selection of possible applications**

Industry, powerstations, flue gas purification plant, processing technology, gas supply, vapour facilities, recycling facilities, vacuum facilities, hot water, heating technology, district heating, thermal oil applications, general plant manufacturing, etc.  
(other applications on request)

**Selection of possible flow media**

Steam, gases, hot water, thermal oil, process water, vacuum facilities, ammonia etc.  
(other flow media on request)

**Parts**

Pos.	Description	Fig. 12.046	Fig. 22.046 / Fig. 23.046	Fig. 34.046 / Fig. 35.046
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	X20Cr13+QT, 1.4021+QT	$\leq$ DN50: X20Cr13+QT, 1.4021+QT / >DN50: G19 9 NbSi, 1.4551
2	Bonnet	EN-JS1049, EN-GJS-400-18U-LT	EN-JS1049, EN-GJS-400-18U-LT	$\leq$ DN80: P250GH, 1.0460 > DN80: GP240GH+N, 1.0619+N
3	Plug *	$\leq$ DN200: X20Cr13+QT, 1.4021+QT / > DN200: P265GH, 1.0425 / G19 9 Nb Si, 1.4551		
4.1	Bellows seal *	X6CrNiMoTi17 12 2, 1.4571		
4.2	Stem *	X20Cr13+QT, 1.4021+QT		
5	Handwheel	$\leq$ DN125: St (epoxy-coating) / >DN125: EN-JL1040, EN-GJL-250 (epoxy-coating)		
6	Packing ring *	Pure graphite		
7	Hexagon bolt	5.6	--	
7	Stud	--	25CrMo4, 1.7218	
8	Hexagon nut	--	C35E, 1.1181	
9	Gasket *	Pure graphite (CrNi laminated with graphite)		

\* Spare part

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 (acc. to TRB 801 No. 45 EN-JL1040 is not allowed.)

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
L	(mm)	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
H1	(mm)	205	205	210	210	225	230	245	265	365	395	425	550	720	775	975	1015
ØC (PN16/25)	(mm)	126	126	126	126	150	150	175	175	225	300	400	520	520	520	640	640
ØC (PN40)	(mm)	126	126	126	126	150	150	175	225	300	300	400	520	520	--	--	--
Travel	(mm)	6	6	8	8	13	13	16	20	25	32	40	50	70	80	90	100
Kvs-value	(m³/h)	4,7	7,4	11,2	18,3	29,3	44,2	73,2	112,2	173	288	410	725	1145	1635	2220	3180
Zeta-value	--	3,7	4,7	5	5	4,8	5,1	5,3	5,2	5,3	4,7	4,8	4,9	4,8	4,8	4,9	4
Zeta-value ... range of tolerance for Kvs-values acc. to VDI/VDE 2173																	

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
12. / 22. / 23.046	(kg)	3,6	4,3	5,3	6,6	9,2	11,6	15,8	21,8	33	54	69	140	240	265	360	--
34.046	(kg)	--	--	--	--	--	--	--	--	--	--	--	147	238	339	570	650
35.046	(kg)	4,5	4,8	6,2	7,3	10,6	12,6	19,1	26,1	35	60,3	88	178	305	--	--	--