

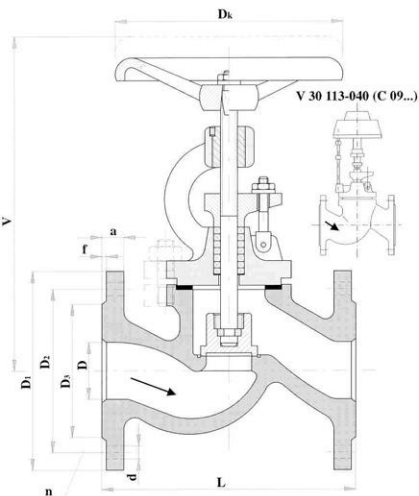
Straight-way globe valve

V 30 111(3)-040

PN 40

C 09 111(3)-040

PN 40



Application

Shut-off valve for liquid and gaseous media in chemical and food industry for service pressures and temperatures:

DN	Temperature [°C]	Pressure [MPa]
15 až 200	20	4,00
15 až 125	250	2,3
150	250	2,1
200	250	1,1

As a shut-off valve providing tightness design V 30 111 040 is recommended. Design V 40 111 040 with regulating disc is recommended as a regulation valve.

Technical description

Manually operated valve is yoke-type, electrically actuated valve is bonnet type. Closing disc fits into a rolled seat in the body. Stem is sealed with gland packing in the bonnet. Service medium flow direction is under the disc.

Connecting and face-to-face dimensions

Flange connecting dimensions as per ČSN 13 1060 and ČSN 13061.

Face-to-face dimensions as per ČSN EN 558. Basic connecting and face-to-face dimensions are given in the table.

Material

	V30	C09
Body	stain. steel (42 2931)	DIN 1.4408
Bonnet		stainless steel
Disc		stainless steel
Stem		stainless steel
Gland packing		asbestos-free

Testing

The valve is tested as per ČSN 13 3060, part 2.

Installation

The valve can be installed in horizontal or vertical piping.

Operation

The valve is operated by handwheel, chainwheel or direct-acting servomotor.

DN	D	L	V	D _k	D ₁	D ₂	D ₃	a	f	d	n	kg
15	15	130	170	125	95	65	47	16	2	14	4	4,2
20	20	150	195	125	105	75	58	18	2	14	4	5,1
25	25	160	200	125	115	85	68	18	2	14	4	5
32	32	180	235	160	140	100	78	18	2	18	4	10
40	40	200	275	200	150	110	88	18	3	18	4	14
50	50	230	275	200	165	125	102	20	3	18	4	16,5
65	70	290	345	250	185	145	122	22	3	18	8	26
80	80	310	355	250	200	160	133	24	3	18	8	34
100	100	350	415	315	235	190	158	24	3	22	8	50
125	125	400	495	315	270	220	184	26	3	26	8	82
150	150	480	545	400	300	250	212	28	3	26	8	118
200	200	600	680	400	375	320	285	34	3	30	12	211