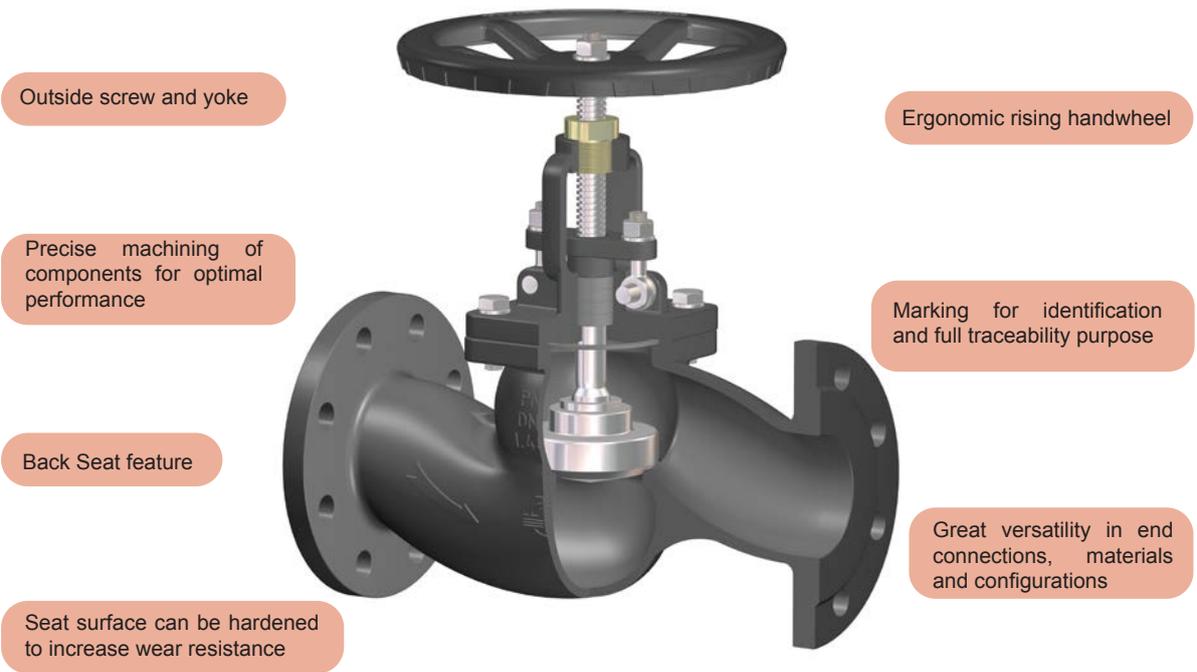


**Series 80 DIN RANGE**

Series 80 Globe Valves are linear motion valves devised for stopping the flow of the service fluid when necessary. They are bolted bonnet, outside screw and yoke, rising handwheel, being the closure element a disc seating against a precisely machined seat thus achieving the positive closure. The atmospheric sealing is achieved by flexible graphite rings. The flow comes upwards underneath the seat, being an unidirectional valve. Weir body leads to higher pressure drop compared to gate valves but operation is quicker and this feature allows to use the valve as regulating valve when arranged with throttling plug. Valves are of easy and safe operation being widely used in power, chemical and oil industry. The range is also comprehensive o a wide offer of different versions and options. The standard operation is achieved by handwheel or gear, depending on valve size and working pressure.



**Main Features / Reference Standards**

Design: EN 13709  
 Pressure Design: PN40  
 Face to face length: EN558 S1 (DIN 3202 F1)  
 Valve end connections: Flanged to EN1092-1 type 21/B, PN40  
 Marking: EN19  
 Inspections & Tests: EN12266-1  
 Unidirectional design. See the arrow on the body for normal flow direction  
 Primer painted for protection during storage and transport (carbon steel body/bonnet)  
 Product compliant with Pressure Equipment Directive PED, up to category III for European territory

**Main Duties / Limits of use**

Fluids compatible with materials of construction  
 Pressure / Temperature Rating to EN 1092-1, refers to page 3.  
 For PED compliant products, limits also acc. to PED Annex II Tables 6, 7, 8 & 9, gases and liquids of fluid groups 1 & 2, up to category III  
 Questions referring to chemical resistance, please consult us

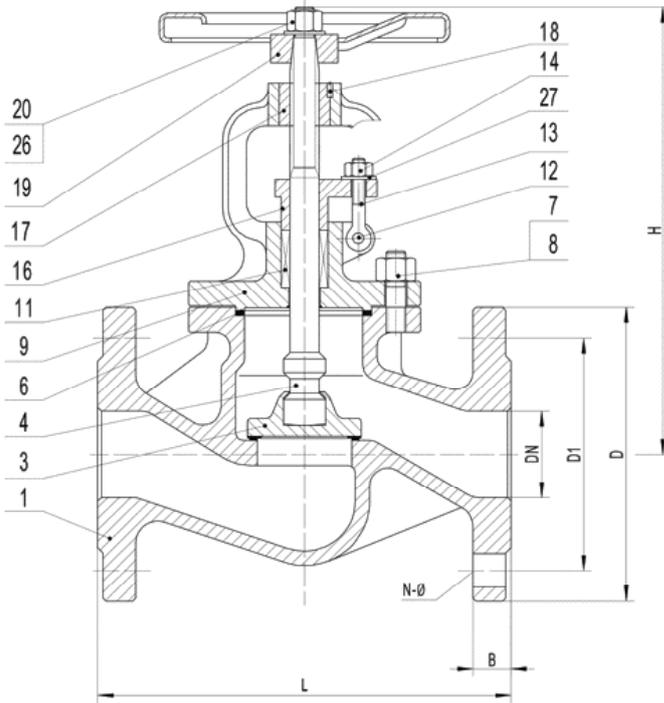
**Options**

Different body materials and trim combinations, different valve connections, angle pattern, Y-Pattern, regulating plug, extended bonnet, bellow seal, pressure seal, welded bonnet, chained hand wheel, manual gear, limit switches, execution for aggressive atmosphere, etc. Please consult us

Main Parts and Materials

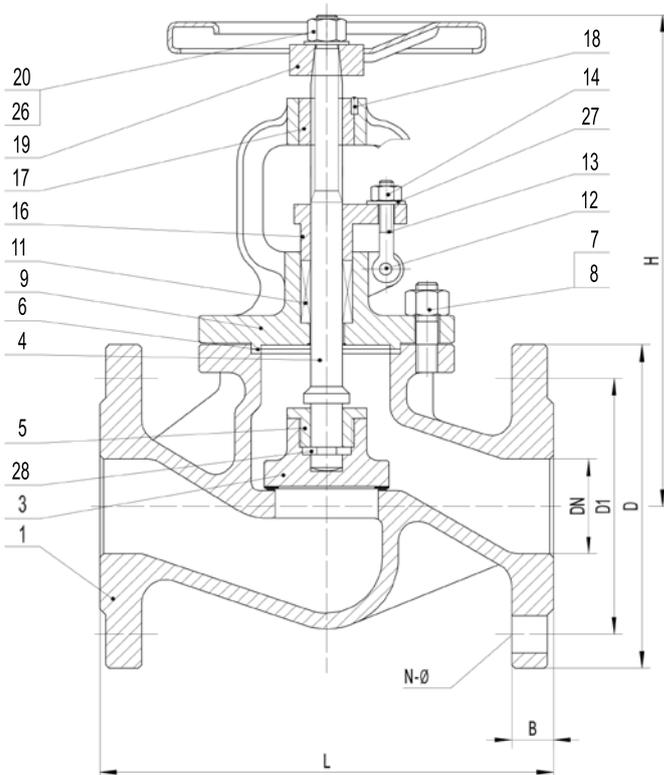
Series 80 DIN RANGE **CEAC**

DN15 - DN50



N°	PART	MATERIAL
1	Body	1.0619+N
3	Disc	CS+13Cr
4	Stem	2Cr13
6	Gasket	SS304+Graphite
7	Bonnet Bolt	A193-B7
8	Bonnet Nut	A194-2H
9	Bonnet	10619
11	Packing	Graphite
12	Eyebolt Pin	C. S
13	Gland Eyebolt	A193-B7
14	Gland Nut	A194-2H
16	Gland Flange	10619
17	Stem Nut	GGG50.3
18	Retaining Screw	A193-B7
19	Handwheel	C. S
20	Handwheel Nut	A194-2H
26	Washer	C. S
27	Washer	C. S

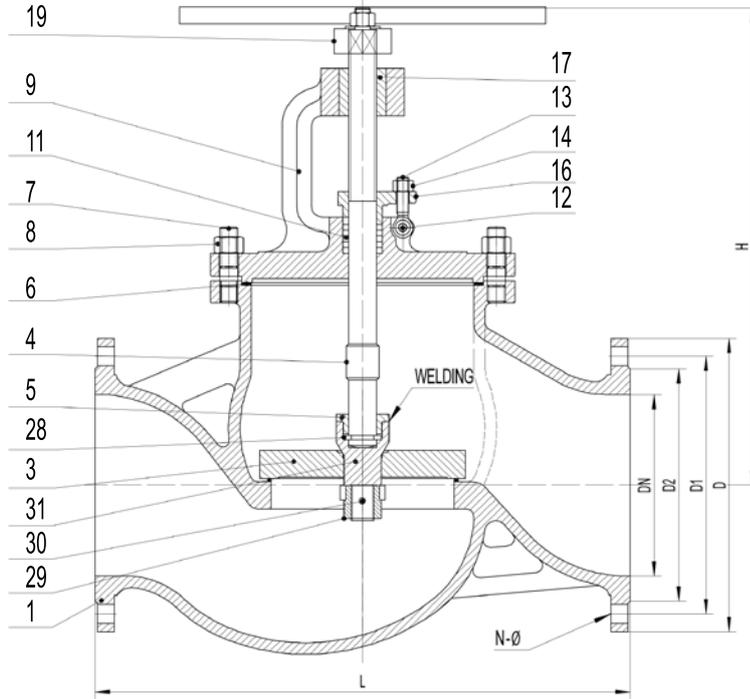
DN65 - DN150



N°	PART	MATERIAL
1	Body	1.0619+N
3	Disc	CS+13Cr
4	Stem	2Cr13
5	Disc Nut	13Cr
6	Gasket	SS304+Graphite
7	Bonnet Bolt	A193-B7
8	Bonnet Nut	A194-2H
9	Bonnet	1.0619
11	Packing	Graphite
12	Eyebolt Pin	C. S
13	Gland Eyebolt	A193-B7
14	Gland Nut	A194-2H
16	Gland Flange	1.0619
17	Stem Nut	GGG50.3
18	Retaining Screw	A193-B7
19	Handwheel	C. S
20	Handwheel Nut	A194-2H
26	Washer	C. S
27	Washer	C. S
28	Split ring	13Cr

Main Parts and Materials

DN200-400



N°	PART	MATERIAL
1	Body	1.0619+N
3	Disc	13Cr
4	Stem	2Cr13
5	Disc Nut	13Cr
6	Gasket	SS304+Graphite
7	Bonnet Bolt	A193-B7
8	Bonnet Nut	A194-2H
9	Bonnet	1.0619
11	Packing	Graphite
12	Eyebolt Pin	C. S
13	Gland Eyebolt	A193-B7
14	Gland Nut	A194-2H
16	Gland Flange	1.0619
17	Stem Nut	GGG50.3
19	Handwheel	C. S
28	Split ring	13Cr
29	Lock nut	13Cr
30	Lock screw	13Cr
31	Balance disc	CS+13Cr

Main Valve Parameters

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
D	95	105	115	140	150	165	185	200	235	270	300	375	450	515	580	660
D1	65	75	85	100	110	125	145	160	190	220	250	320	385	450	510	585
N-Ø	4x14	4x14	4x14	4x18	4x18	4x18	8x18	8x18	8x22	8x26	8x26	12x30	12x33	16x33	16x36	16x39
H	180	190	220	222	252	263	295	330	350	420	455	530	665	720	880	1030
Kvs-value	4,2	7,4	12	19	31	47	77	120	188	288	410	725	1145	1635	2220	3180
Approx. Weight	4,4	5,4	6,3	7	10,5	13,8	21	27,5	40	61	84	160	265	377	510	780

Dimensions in mm subject to manufacturing tolerance / Kvs-values in m³/h / Weights in kg  
Other dimensions on request

Pressure / Temperature Rating

-10°C to 120°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C
40 bar	38,1 bar	35 bar	32 bar	28 bar	25,7 bar	23,8 bar	13,1 bar