

 SAVAL

CATALOGUE

www.valsaval.com



SPANISH MANUFACTURER VALVES

Saval is a reference company with more than 50 years of experience in the naval sector, civil, military and industry. Our activity includes the development, design, manufacture and supply of valves.

All SAVAL valves are manufactured 100% in Spain with materials of European origin and certified, providing a proven quality that guarantees optimum performance and a high level of durability.



CAREER

1965

Valvunaval is founded, valve factory.



1990

Becomes SAVAL Marine Valves, continuing as a manufacturer of high quality valves quality valves, mainly for the naval sector.



2012

SAVAL Marine Valves is acquired by the Fernández Jove Group.



2015

SAVAL Marine Valves has moved its production to new facilities in Cantabria.



2019

Development of new valve models.



2021

Development of ball valves for the submarine sector.



WHAT MAKES US DIFFERENT?



MANUFACTURING

At Saval Marine Valves we are committed to preserving the highest quality in all the processes and sub-processes of our production cycle. One of the most important processes in the manufacture of valves is the casting of the material, so the control and demand in this regard is maximum, this feature is one of the keys to guarantee all the requirements of Saval valves.

Saval's technical and quality team only works with European & Certified Castings, providing the following values to this fundamental process and production axis:

- ◆ Increased process control
- ◆ Flexibility in delivery times
- ◆ Increased functional quality

TRACEABILITY

Our manufacturing system offers complete traceability, from the origin of our valve's production process to its final dispatch.

Thanks to this system, we can guarantee the correct recording and maintenance of information on all Saval valves supplied to our customers.



CERTIFICATIONS

All valves manufactured by Saval undergo rigorous quality tests that guarantee the product and the reliability of its performance. We have an integrated quality system that includes ISO 9001:2018 certification of the whole company, IACS Type approvals of our valves, and special certificates such as Shock-Test or Fire-Safe for some special requirements of our customers.



MIL-S-901D
MIL-STD-798



100% TESTED VALVES

100% of Saval valves, as well as their components, are controlled in their different stages of manufacture and tested on our modern test bench in order to guarantee the highest technical quality and service requirements for our products.

Each of our valves is subjected to the hydrostatic tests of both the assembly and the seat, as required by the corresponding standards (UNE EN 12266-1:2013), to ensure its tightness.

Test bench range DN	DN15 a DN400
Face-to-face maximum	1000 mm
Maximum closing force	50 tonnes

Saval has implemented a quality management system (under the ISO 9001:2018 standard) as part of its business strategy, with the aim of implementing, maintaining and continuously improving the management of our processes.

MATERIALS

We work with different types of materials:

Bronze RG-10 / BrNiAl ●

Nodular Cast Iron EN-GJS-400-18-LT ●

Stainless steel AISI316 ●

Mild Steel GSC-25 / GP240-GH ●

* Other materials on request.

We are aware of the importance of the correct choice of materials for the correct functioning and useful life of the system.

That is why our technical team will advise you on the most suitable materials for each service.

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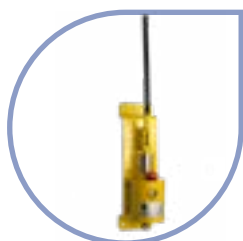
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GLOBE VALVES

GLOBE VALVE

Straight, SDNR Type. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 86262 part 5).
- ◆ Face to face EN 558 Series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	6,6	6,6

MATERIALS

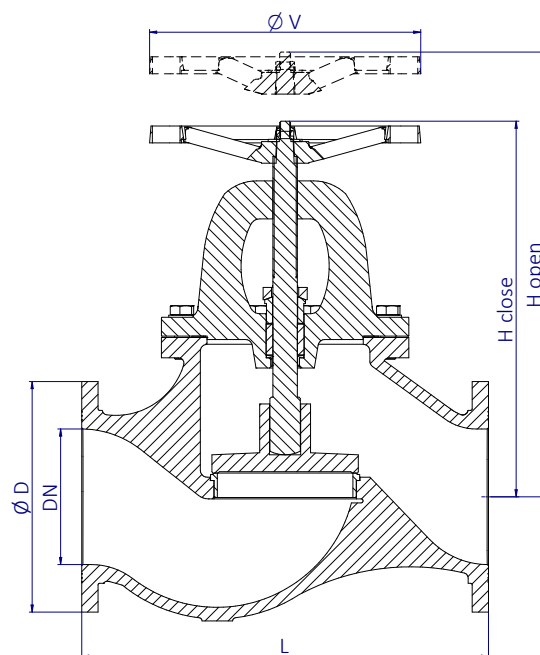
- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
GA-708	SDNR	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	Stainless S. A4	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	130	162	170	110	5	SDGA708TABR16015
20	10/16	105	150	166	174	110	6	SDGA708TABR16020
25	10/16	115	160	171	179	110	6,5	SDGA708TABR16025
32	10/16	140	180	218,5	235,5	150	11,5	SDGA708TABR16032
40	10/16	150	200	223	238,5	150	12	SDGA708TABR16040
50	10/16	165	230	231	246,5	150	14,5	SDGA708TABR16050
65	10/16	185	290	290	318,5	196	26,5	SDGA708TABR16065
80	10/16	200	310	290	318,5	196	32,5	SDGA708TABR16080
100	10/16	200	350	328	355,5	196	39	SDGA708TABR16100
125	10/16	250	400	409	450,5	298	75	SDGA708TABR16125
150	10/16	285	480	445	486,5	298	100,5	SDGA708TABR16150
200	10	340	600	569,5	613	388	185	SDGA708TABR10200
200	16	340	600	569,5	613	388	184,5	SDGA708TABR16200
250	10	395	730	640	709,5	500	252	SDGA708TABR10250
250	16	405	730	640	709,5	500	253,5	SDGA708TABR16250
300*	10	445	850	697	775	500	376,5	SDGA708RDBR10300
350*	10	505	980	778	860	600	519,5	SDGA708RDBR10350
400*	10	565	1100	915	1015,5	600	715	SDGA708RDBR10400

*Supplied with gearbox.



GLOBE VALVE

Straight, SDNR Type. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 86262 part 5).
- ◆ Face to face EN 558 Series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15
	Up to 225°C	8	12,85

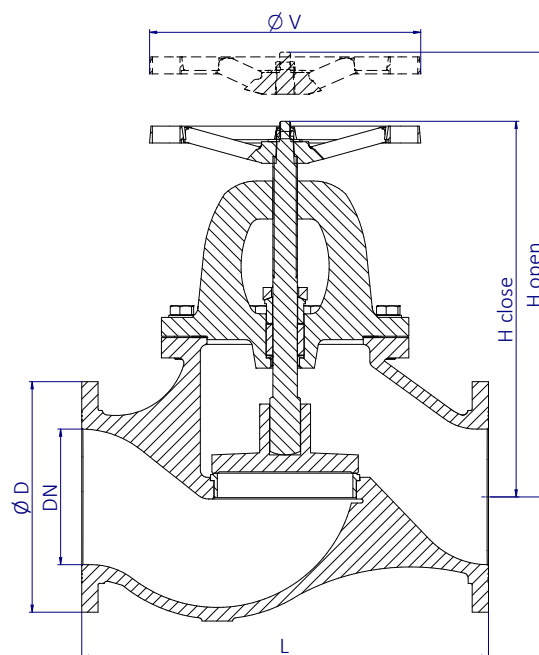
MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
GA-200	SDNR	Mild Steel (GS-C25) (EN10213/DIN17245)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
GA-202	SDNR	Mild Steel (GS-C25) (EN10213/DIN17245)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium
GA-206	SDNR	Mild Steel (GS-C25) (EN10213/DIN17245)	Stainless S. (AISI316)	Stainless S. (AISI316)	Mild Steel 8.8	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	130	162	170	110	4,5	SDGxxxTABR16015
20	10/16	105	150	166	174	110	5,5	SDGxxxTABR16020
25	10/16	115	160	171	179	110	6	SDGxxxTABR16025
32	10/16	140	180	218,5	235,5	150	10,5	SDGxxxTABR16032
40	10/16	150	200	223	238,5	150	11	SDGxxxTABR16040
50	10/16	165	230	231	246,5	150	13	SDGxxxTABR16050
65	10/16	185	290	290	318,5	196	24,5	SDGxxxTABR16065
80	10/16	200	310	290	318,5	196	29,5	SDGxxxTABR16080
100	10/16	200	350	328	355,5	196	35,5	SDGxxxTABR16100
125	10/16	250	400	409	450,5	298	68	SDGxxxTABR16125
150	10/16	285	480	445	486,5	298	91	SDGxxxTABR16150
200	10	340	600	569,5	613	388	168	SDGxxxTABR10200
200	16	340	600	569,5	613	388	167,5	SDGxxxTABR16200
250	10	395	730	640	709,5	500	229,5	SDGxxxTABR10250
250	16	405	730	640	709,5	500	231	SDGxxxTABR16250
300*	10	445	850	697	775	500	343,5	SDGxxxRDBR10300
350*	10	505	980	778	860	600	473,5	SDGxxxRDBR10350
400*	10	565	1100	915	1015,5	600	651	SDGxxxRDBR10400

*Supplied with gearbox.
xxx = drawing number



- ◆ Hydraulic tightness and seal test according to EN 12266-1.
100% Valves tested.

GLOBE VALVE

Straight, SDNR Type. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 86262 part 5).
- ◆ Face to face EN 558 Series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250		300-400
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2	9,5
	Up to 225°C	7,3	11,65	7,3

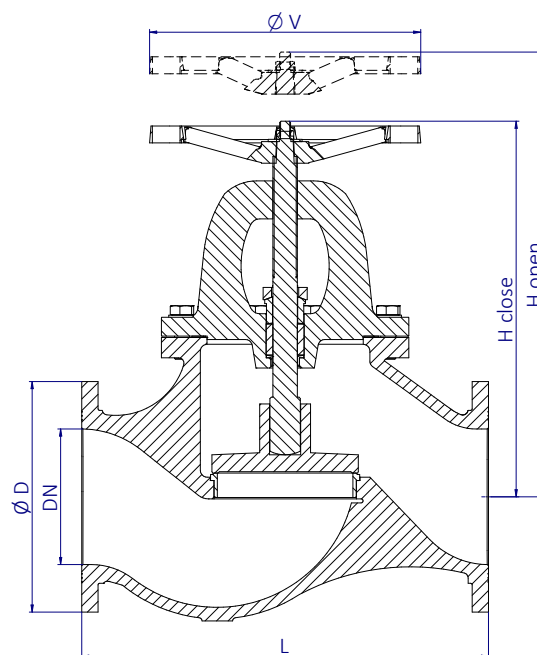
MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
GA-606	SDNR	Stainless S. A316 (EN10088/DIN17440)	Stainless S. (AISI316)	Stainless S. (AISI316)	Stainless S. A4	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	130	162	170	110	4,5	SDGA606TABR16015
20	10/16	105	150	166	174	110	5,5	SDGA606TABR16020
25	10/16	115	160	171	179	110	6	SDGA606TABR16025
32	10/16	140	180	218,5	235,5	150	10,5	SDGA606TABR16032
40	10/16	150	200	223	238,5	150	11	SDGA606TABR16040
50	10/16	165	230	231	246,5	150	13,5	SDGA606TABR16050
65	10/16	185	290	290	318,5	196	24,5	SDGA606TABR16065
80	10/16	200	310	290	318,5	196	30	SDGA606TABR16080
100	10/16	200	350	328	355,5	196	36	SDGA606TABR16100
125	10/16	250	400	409	450,5	298	69	SDGA606TABR16125
150	10/16	285	480	445	486,5	298	92	SDGA606TABR16150
200	10	340	600	569,5	613	388	170,5	SDGA606TABR10200
200	16	340	600	569,5	613	388	170	SDGA606TABR16200
250	10	395	730	640	709,5	500	232,5	SDGA606TABR10250
250	16	405	730	640	709,5	500	234	SDGA606TABR16250
300*	10	445	850	697	775	500	347,5	SDGA606RDBR10300
350*	10	505	980	778	860	600	480	SDGA606RDBR10350
400*	10	565	1100	915	1015,5	600	660,5	SDGA606RDBR10400

*Supplied with gearbox.



- ◆ Hydraulic tightness and seal test according to EN 12266-1.
100% Valves tested.

GLOBE VALVE

Straight, SDNR Type. Nodular Cast Iron PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 3356 part 5).
- ◆ Face to face EN 558 Series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

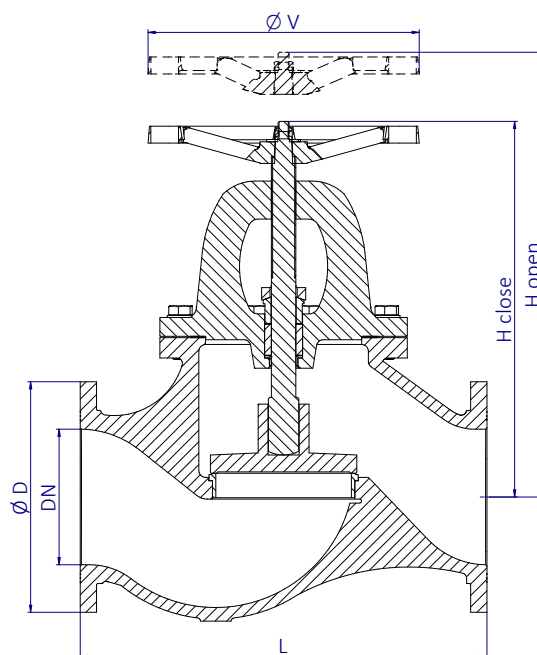
- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	8,95	8,95



MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
GA-400	SDNR	Nodular Cast Iron (GJS400-18-LT)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
GA-402	SDNR	Nodular Cast Iron (GJS400-18-LT)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	130	162	170	110	4	SDGAXxxTABR16015
20	10/16	105	150	166	174	110	5	SDGAXxxTABR16020
25	10/16	115	160	171	179	110	5,5	SDGAXxxTABR16025
32	10/16	140	180	218,5	235,5	150	10	SDGAXxxTABR16032
40	10/16	150	200	223	238,5	150	10,5	SDGAXxxTABR16040
50	10/16	165	230	231	246,5	150	12,5	SDGAXxxTABR16050
65	10/16	185	290	290	318,5	196	23	SDGAXxxTABR16065
80	10/16	200	310	290	318,5	196	27,5	SDGAXxxTABR16080
100	10/16	200	350	328	355,5	196	33,5	SDGAXxxTABR16100
125	10/16	250	400	409	450,5	298	64	SDGAXxxTABR16125
150	10/16	285	480	445	486,5	298	85,5	SDGAXxxTABR16150
200	10	340	600	569,5	613	388	156	SDGAXxxTABR10200
200	16	340	600	569,5	613	388	157,5	SDGAXxxTABR16200
250	10	395	730	640	709,5	500	215,5	SDGAXxxTABR10250
250	16	405	730	640	709,5	500	271,5	SDGAXxxTABR16250
300*	10	445	850	697	775	500	323	SDGAXxxRDBR10300
350*	10	505	980	778	860	600	445	SDGAXxxRDBR10350
400*	10	565	1100	915	1015,5	600	612	SDGAXxxRDBR10400

*Supplied with gearbox.
xxx = drawing number

GLOBE VALVE

Angle, SDNR Type. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 86262 part 5).
- ◆ Face to face EN 558 Series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	6,6	6,6

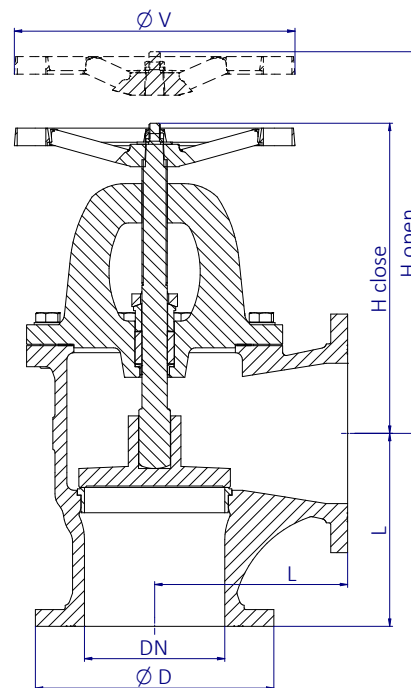
MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
GA-718	SDNR	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	Stainless S. A4	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	75	151,5	159,5	110	5	SDGA718TABR16015
20	10/16	105	85	148	156	110	5,5	SDGA718TABR16020
25	10/16	115	90	145,5	153,5	110	6	SDGA718TABR16025
32	10/16	140	105	197	214,5	150	11	SDGA718TABR16032
40	10/16	150	115	195	210,5	150	12	SDGA718TABR16040
50	10/16	165	125	195	210,5	150	14	SDGA718TABR16050
65	10/16	185	145	241	267,5	196	25	SDGA718TABR16065
80	10/16	200	155	243	271,5	196	27	SDGA718TABR16080
100	10/16	200	175	266,5	293,5	196	35,5	SDGA718TABR16100
125	10/16	250	200	336	377,5	298	62,5	SDGA718TABR16125
150	10/16	285	225	355	404,5	298	78	SDGA718TABR16150
200	10	340	275	435	488	388	156	SDGA718TABR10200
200	16	340	275	435	488	388	155	SDGA718TABR16200
250	10	395	325	512	571	500	249,5	SDGA718TABR10250
250	16	405	325	512	571	500	251,5	SDGA718TABR16250
300*	10	445	375	553	635	500	289	SDGA718RDBR10300
350*	10	505	425	606	706	600	410	SDGA718RDBR10350
400*	10	565	475	728	828,5	600	597	SDGA718RDBR10400

*Supplied with gearbox.



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

GLOBE VALVE

Angle, SDNR Type. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 86262 part 5).
- ◆ Face to face EN 558 Series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

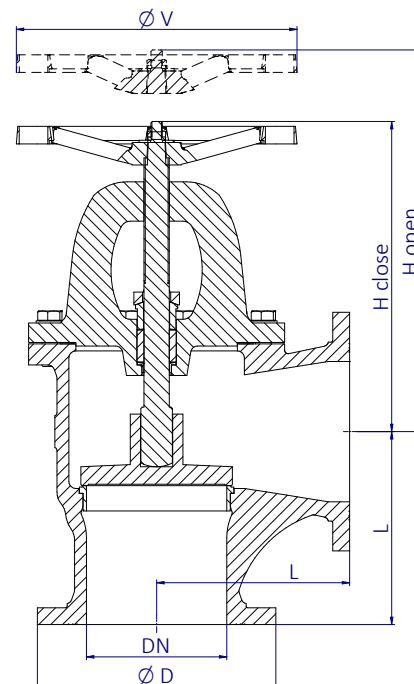
WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15
	Up to 225°C	8	12,85

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
GA-210	SDNR	Mild Steel (GS-C25) (EN10213/DIN17245)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
GA-212	SDNR	Mild Steel (GS-C25) (EN10213/DIN17245)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium
GA-216	SDNR	Mild Steel (GS-C25) (EN10213/DIN17245)	Stainless S. (AISI316)	Stainless S. (AISI316)	Mild Steel 8.8	Aluminium

- ◆ Hydraulic tightness and seal test according to EN 12266-1.
100% Valves tested.



DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	75	151,5	159,5	110	4,5	SDGxxxTABR16015
20	10/16	105	85	148	156	110	5	SDGxxxTABR16020
25	10/16	115	90	145,5	153,5	110	5,5	SDGxxxTABR16025
32	10/16	140	105	197	214,5	150	10	SDGxxxTABR16032
40	10/16	150	115	195	210,5	150	11	SDGxxxTABR16040
50	10/16	165	125	195	210,5	150	13	SDGxxxTABR16050
65	10/16	185	145	241	267,5	196	23	SDGxxxTABR16065
80	10/16	200	155	243	271,5	196	26	SDGxxxTABR16080
100	10/16	200	175	266,5	293,5	196	32,5	SDGxxxTABR16100
125	10/16	250	200	336	377,5	298	57	SDGxxxTABR16125
150	10/16	285	225	355	404,5	298	71	SDGxxxTABR16150
200	10	340	275	435	488	388	142	SDGxxxTABR10200
200	16	340	275	435	488	388	141	SDGxxxTABR16200
250	10	395	325	512	571	500	227,5	SDGxxxTABR10250
250	16	405	325	512	571	500	229	SDGxxxTABR16250
300*	10	445	375	553	635	500	264	SDGxxxRDBR10300
350*	10	505	425	606	706	600	374,5	SDGxxxRDBR10350
400*	10	565	475	728	828,5	600	545	SDGxxxRDBR10400

*Supplied with gearbox.
xxx = drawing number

GLOBE VALVE

Angle, SDNR Type. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 86262 part 5).
- ◆ Face to face EN 558 Series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250		300-400
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2	9,5
	Up to 225°C	7,3	11,65	7,3

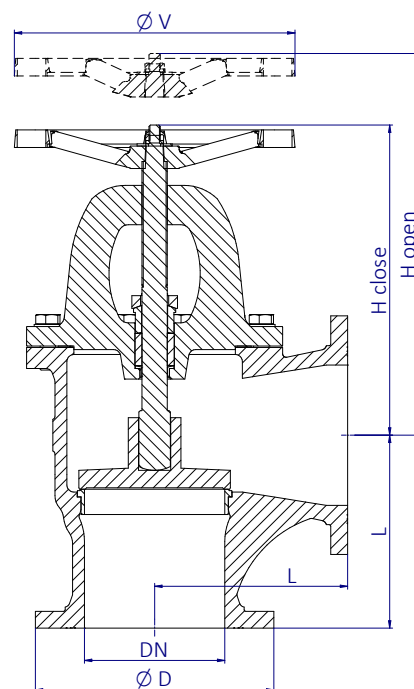
MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
GA-616	SDNR	Stainless S. A316 (EN10088/DIN17440)	Stainless S. (AISI316)	Stainless S. (AISI316)	Stainless S. A4	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	75	151,5	159,5	110	4,5	SDGA616TABR16015
20	10/16	105	85	148	156	110	5	SDGA616TABR16020
25	10/16	115	90	145,5	153,5	110	5,5	SDGA616TABR16025
32	10/16	140	105	197	214,5	150	10	SDGA616TABR16032
40	10/16	150	115	195	210,5	150	11	SDGA616TABR16040
50	10/16	165	125	195	210,5	150	13	SDGA616TABR16050
65	10/16	185	145	241	267,5	196	23	SDGA616TABR16065
80	10/16	200	155	243	271,5	196	26,5	SDGA616TABR16080
100	10/16	200	175	266,5	293,5	196	33	SDGA616TABR16100
125	10/16	250	200	336	377,5	298	58	SDGA616TABR16125
150	10/16	285	225	355	404,5	298	72	SDGA616TABR16150
200	10	340	275	435	488	388	144	SDGA616TABR10200
200	16	340	275	435	488	388	143	SDGA616TABR16200
250	10	395	325	512	571	500	230	SDGA616TABR10250
250	16	405	325	512	571	500	232	SDGA616TABR16250
300*	10	445	375	553	635	500	268	SDGA616RDBR10300
350*	10	505	425	606	706	600	380	SDGA616RDBR10350
400*	10	565	475	728	828,5	600	553	SDGA616RDBR10400

*Supplied with gearbox.



- ◆ Hydraulic tightness and seal test according to EN 12266-1.
100% Valves tested.

GLOBE VALVE

Angle, SDNR Type. Nodular Cast Iron PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 86262 part 5).
- ◆ Face to face EN 558 Series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

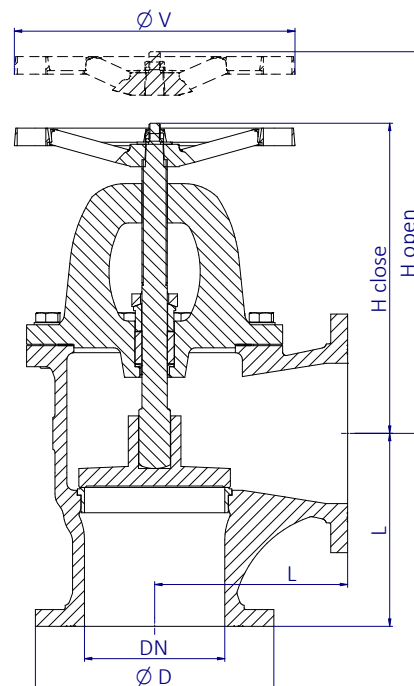
WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	8,95	8,95

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
GA-410	SDNR	Nodular Cast Iron (GJS400-18-LT)(EN 1563)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
GA-412	SDNR	Nodular Cast Iron (GJS400-18-LT)(EN 1563)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.



DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	75	151,5	159,5	110	4	SDGAxxxTABR16015
20	10/16	105	85	148	156	110	4,5	SDGAxxxTABR16020
25	10/16	115	90	145,5	153,5	110	5	SDGAxxxTABR16025
32	10/16	140	105	197	214,5	150	9,5	SDGAxxxTABR16032
40	10/16	150	115	195	210,5	150	10,5	SDGAxxxTABR16040
50	10/16	165	125	195	210,5	150	12	SDGAxxxTABR16050
65	10/16	185	145	241	267,5	196	21,5	SDGAxxxTABR16065
80	10/16	200	155	243	271,5	196	24,5	SDGAxxxTABR16080
100	10/16	200	175	266,5	293,5	196	30,5	SDGAxxxTABR16100
125	10/16	250	200	336	377,5	298	54	SDGAxxxTABR16125
150	10/16	285	225	355	404,5	298	67	SDGAxxxTABR16150
200	10	340	275	435	488	388	133,5	SDGAxxxTABR10200
200	16	340	275	435	488	388	133	SDGAxxxTABR16200
250	10	395	325	512	571	500	214	SDGAxxxTABR10250
250	16	405	325	512	571	500	215,5	SDGAxxxTABR16250
300*	10	445	375	553	635	500	259	SDGAxxxRDBR10300
350*	10	505	425	606	706	600	335	SDGAxxxRDBR10350
400*	10	565	475	728	828,5	600	513	SDGAxxxRDBR10400

*Supplied with gearbox.
xxx = drawing number

GLOBE VALVE

Straight, Stop Type. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789 (DIN3356 part 5).
- ◆ Face to face EN 558 Series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

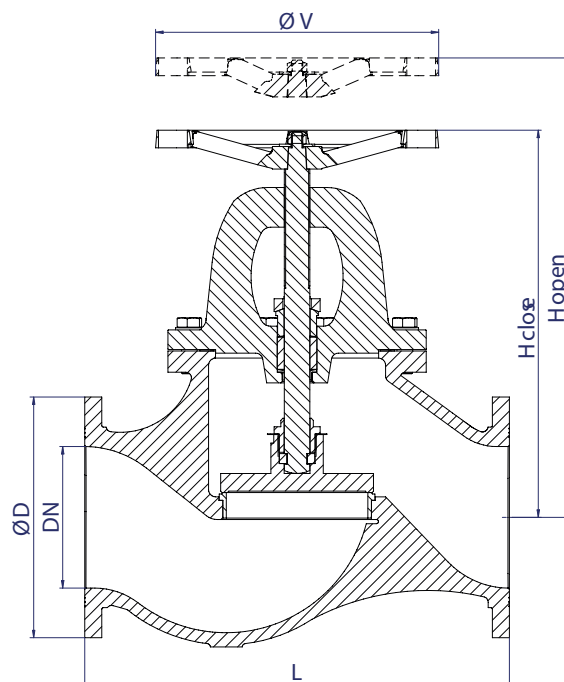
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	6,6	6,6

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
G-708	Stop	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	Stainless S. A4	Aluminium



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	130	162	170	110	5	SDGL708TABR16015
20	10/16	105	150	166	174	110	6	SDGL708TABR16020
25	10/16	115	160	171	179	110	6,5	SDGL708TABR16025
32	10/16	140	180	218,5	235,5	150	11,5	SDGL708TABR16032
40	10/16	150	200	223	238,5	150	12	SDGL708TABR16040
50	10/16	165	230	231	246,5	150	14,5	SDGL708TABR16050
65	10/16	185	290	290	318,5	196	26,5	SDGL708TABR16065
80	10/16	200	310	290	318,5	196	32	SDGL708TABR16080
100	10/16	200	350	328	355,5	196	39,5	SDGL708TABR16100
125	10/16	250	400	409	450,5	298	74,5	SDGL708TABR16125
150	10/16	285	480	445	486,5	298	100	SDGL708TABR16150
200	10	340	600	559,5	610,5	388	184,5	SDGL708TABR10200
200	16	340	600	559,5	610,5	388	184	SDGL708TABR16200
250	10	395	730	633	691,5	500	263	SDGL708TABR10250
250	16	405	730	633	691,5	500	265	SDGL708TABR16250
300*	10	445	850	705,5	787	500	390	SDGL708RDBR10300
350*	10	505	980	787	875,5	600	516,5	SDGL708RDBR10350
400*	10	565	1100	898	1007	600	712	SDGL708RDBR10400

*Supplied with gearbox.

GLOBE VALVE

Straight, Stop Type. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13709 (DIN3356 part 5).
- ◆ Face to face EN 558 Series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092 (DIN 2633)

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

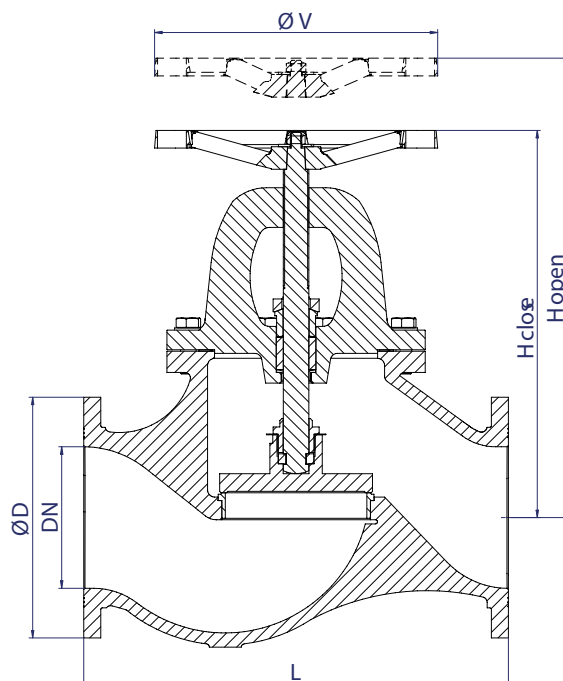
WORKING CONDITIONS

Size	DN	15-250	300-400
nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15
	Up to 225°C	8	12,85

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
G-200	Stop	Mild Steel (GS-C25) (EN10213/DIN17245)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
G-202	Stop	Mild Steel (GS-C25) (EN10213/DIN17245)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium
G-206	Stop	Mild Steel (GS-C25) (EN10213/DIN17245)	Stainless S. (AISI316)	Stainless S. (AISI316)	Mild Steel 8.8	Aluminium

- ◆ Hydraulic tightness and sealing test according to EN 12266-1.
100% Valves tested.



DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	130	162	170	110	4,5	SDGLxxxTABR16015
20	10/16	105	150	166	174	110	5,5	SDGLxxxTABR16020
25	10/16	115	160	171	179	110	6	SDGLxxxTABR16025
32	10/16	140	180	218,5	235,5	150	10,5	SDGLxxxTABR16032
40	10/16	150	200	223	238,5	150	11	SDGLxxxTABR16040
50	10/16	165	230	231	246,5	150	13	SDGLxxxTABR16050
65	10/16	185	290	290	318,5	196	24,5	SDGLxxxTABR16065
80	10/16	200	310	290	318,5	196	29	SDGLxxxTABR16080
100	10/16	200	350	328	355,5	196	36	SDGLxxxTABR16100
125	10/16	250	400	409	450,5	298	68	SDGLxxxTABR16125
150	10/16	285	480	445	486,5	298	91	SDGLxxxTABR16150
200	10	340	600	559,5	610,5	388	167,5	SDGLxxxTABR10200
200	16	340	600	559,5	610,5	388	167	SDGLxxxTABR16200
250	10	395	730	633	691,5	500	241	SDGLxxxTABR10250
250	16	405	730	633	691,5	500	242,5	SDGLxxxTABR16250
300*	10	445	850	705,5	787	500	356,5	SDGLxxxRDBR10300
350*	10	505	980	787	875,5	600	470,5	SDGLxxxRDBR10350
400*	10	565	1100	898	1007	600	648	SDGLxxxRDBR10400

*Supplied with gearbox.
xxx = drawing number

GLOBE VALVE

Straight, Stop Type. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13709 (DIN3356 part 5).
- ◆ Face to face EN 558 Series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

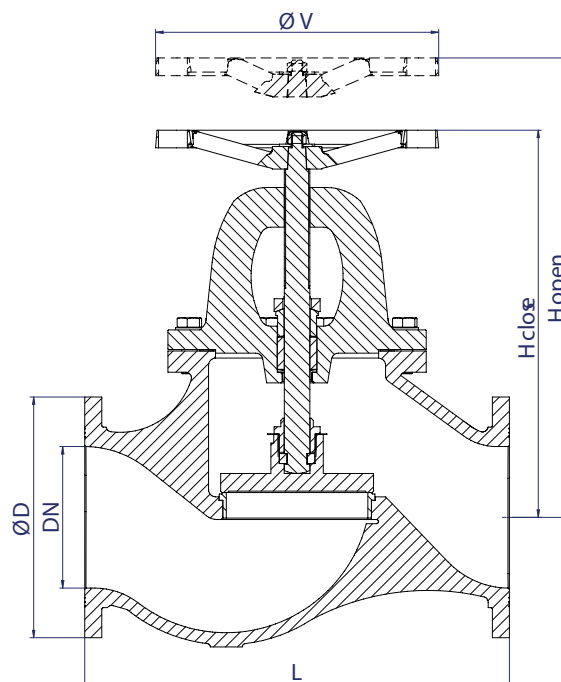
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250		300-400
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2	9,5
	Up to 225°C	7,3	11,65	7,3

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
G-606	Stop	Stainless S. A316 (EN10088/DIN17440)	Stainless S. (AISI316)	Stainless S. (AISI316)	Stainless S. A4	Aluminium



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	130	162	170	110	4,5	SDGL606TABR16015
20	10/16	105	150	166	174	110	5,5	SDGL606TABR16020
25	10/16	115	160	171	179	110	6	SDGL606TABR16025
32	10/16	140	180	218,5	235,5	150	10,5	SDGL606TABR16032
40	10/16	150	200	223	238,5	150	11	SDGL606TABR16040
50	10/16	165	230	231	246,5	150	13	SDGL606TABR16050
65	10/16	185	290	290	318,5	196	24,5	SDGL606TABR16065
80	10/16	200	310	290	318,5	196	30	SDGL606TABR16080
100	10/16	200	350	328	355,5	196	36	SDGL606TABR16100
125	10/16	250	400	409	450,5	298	69	SDGL606TABR16125
150	10/16	285	480	445	486,5	298	91	SDGL606TABR16150
200	10	340	600	559,5	610,5	388	170	SDGL606TABR10200
200	16	340	600	559,5	610,5	388	169	SDGL606TABR16200
250	10	395	730	633	691,5	500	244	SDGL606TABR10250
250	16	405	730	633	691,5	500	245,5	SDGL606TABR16250
300*	10	445	850	705,5	787	500	361	SDGL606RDBR10300
350*	10	505	980	787	875,5	600	477	SDGL606RDBR10350
400*	10	565	1100	898	1007	600	657	SDGL606RDBR10400

*Supplied with gearbox.

GLOBE VALVE

Straight, Stop Type. Nodular Cast Iron PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789 (DIN3356 part 5).
- ◆ Face to face EN 558 Series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

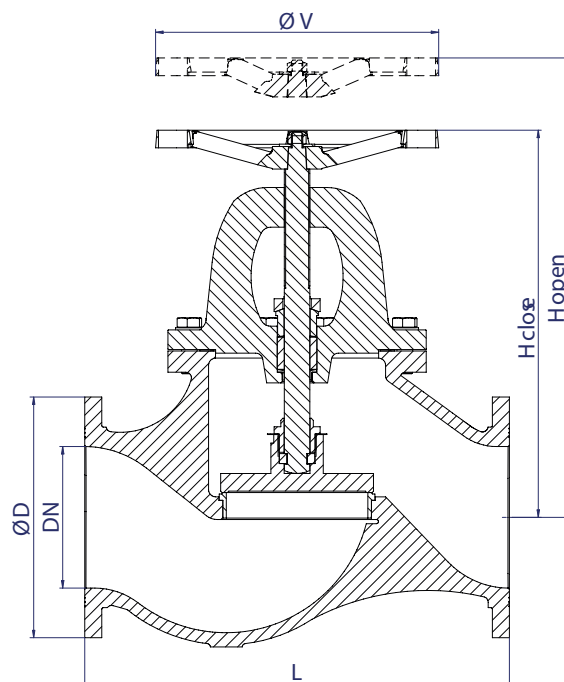
WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	8,95	8,95

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
G-400	Stop	Nodular Cast Iron (GJS400-18-LT)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
G-402	Stop	Nodular Cast Iron (GJS400-18-LT)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.



DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	130	162	170	110	4	SDGLxxxTABR16015
20	10/16	105	150	166	174	110	5	SDGLxxxTABR16020
25	10/16	115	160	171	179	110	5,5	SDGLxxxTABR16025
32	10/16	140	180	218,5	235,5	150	10	SDGLxxxTABR16032
40	10/16	150	200	223	238,5	150	10	SDGLxxxTABR16040
50	10/16	165	230	231	246,5	150	12,5	SDGLxxxTABR16050
65	10/16	185	290	290	318,5	196	23	SDGLxxxTABR16065
80	10/16	200	310	290	318,5	196	27,5	SDGLxxxTABR16080
100	10/16	200	350	328	355,5	196	33,5	SDGLxxxTABR16100
125	10/16	250	400	409	450,5	298	64	SDGLxxxTABR16125
150	10/16	285	480	445	486,5	298	85	SDGLxxxTABR16150
200	10	340	600	559,5	610,5	388	157	SDGLxxxTABR10200
200	16	340	600	559,5	610,5	388	157	SDGLxxxTABR16200
250	10	395	730	633	691,5	500	227	SDGLxxxTABR10250
250	16	405	730	633	691,5	500	229	SDGLxxxTABR16250
300*	10	445	850	705,5	787	500	336	SDGLxxxRDBR10300
350*	10	505	980	787	875,5	600	442,5	SDGLxxxRDBR10350
400*	10	565	1100	898	1007	600	609	SDGLxxxRDBR10400

*Supplied with gearbox.
xxx = drawing number

GLOBE VALVE

Angle, Stop Type. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 3356 part 5).
- ◆ Face to face EN 558 Series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	6,6	6,6

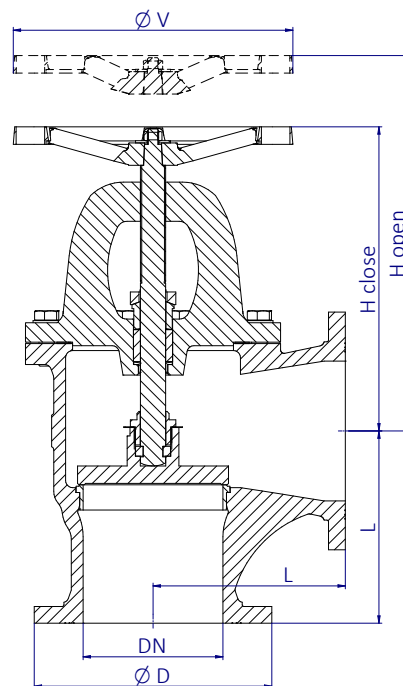
MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
G-718	Stop	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	Stainless S. A4	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	75	151,5	159,5	110	5	SDGL718TABR16015
20	10/16	105	85	148	156	110	5,5	SDGL718TABR16020
25	10/16	115	90	145,5	153,5	110	6	SDGL718TABR16025
32	10/16	140	105	197	214,5	150	11	SDGL718TABR16032
40	10/16	150	115	195	210,5	150	12	SDGL718TABR16040
50	10/16	165	125	195	210,5	150	14	SDGL718TABR16050
65	10/16	185	145	241	267,5	196	25,5	SDGL718TABR16065
80	10/16	200	155	243	271,5	196	29	SDGL718TABR16080
100	10/16	200	175	266,5	293,5	196	35,5	SDGL718TABR16100
125	10/16	250	200	336	377,5	298	62,5	SDGL718TABR16125
150	10/16	285	225	355	404,5	298	78	SDGL718TABR16150
200	10	340	275	435	488	388	155	SDGL718TABR10200
200	16	340	275	435	488	388	154,5	SDGL718TABR16200
250	10	395	325	512	571	500	261	SDGL718TABR10250
250	16	405	325	512	571	500	263	SDGL718TABR16250
300*	10	445	375	553	635	500	302,5	SDGL718RDBR10300
350*	10	505	425	606	706	600	415,5	SDGL718RDBR10350
400*	10	565	475	711	820	600	600	SDGL718RDBR10400

*Supplied with gearbox.



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

GLOBE VALVE

Angle, Stop Type. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 3356 part 5).
- ◆ Face to face EN 558 Series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15
	Up to 225°C	8	12,85

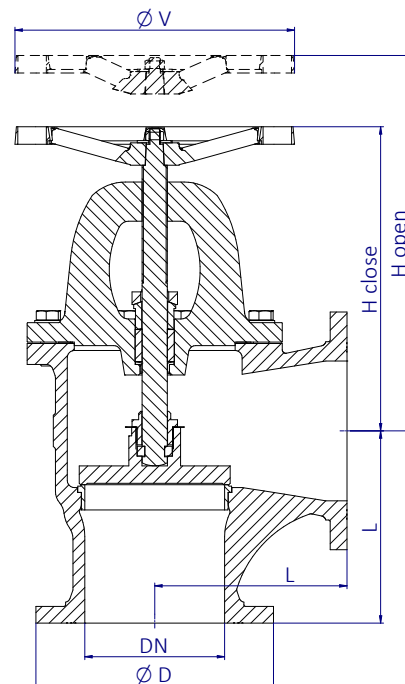
MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
G-210	Stop	Mild Steel (GS-C25) (EN10213/DIN17245)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
G-212	Stop	Mild Steel (GS-C25) (EN10213/DIN17245)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium
G-216	Stop	Mild Steel (GS-C25) (EN10213/DIN17245)	Stainless S. (AISI316)	Stainless S. (AISI316)	Mild Steel 8.8	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	75	151,5	159,5	110	4,5	SDGLxxxTABR16015
20	10/16	105	85	148	156	110	5	SDGLxxxTABR16020
25	10/16	115	90	145,5	153,5	110	5,5	SDGLxxxTABR16025
32	10/16	140	105	197	214,5	150	10	SDGLxxxTABR16032
40	10/16	150	115	195	210,5	150	11	SDGLxxxTABR16040
50	10/16	165	125	195	210,5	150	13	SDGLxxxTABR16050
65	10/16	185	145	241	267,5	196	23	SDGLxxxTABR16065
80	10/16	200	155	243	271,5	196	26,5	SDGLxxxTABR16080
100	10/16	200	175	266,5	293,5	196	32,5	SDGLxxxTABR16100
125	10/16	250	200	336	377,5	298	57	SDGLxxxTABR16125
150	10/16	285	225	355	404,5	298	71	SDGLxxxTABR16150
200	10	340	275	435	488	388	141	SDGLxxxTABR10200
200	16	340	275	435	488	388	141	SDGLxxxTABR16200
250	10	395	325	512	571	500	239	SDGLxxxTABR10250
250	16	405	325	512	571	500	240,5	SDGLxxxTABR16250
300*	10	445	375	553	635	500	278	SDGLxxxRDBR10300
350*	10	505	425	606	706	600	380	SDGLxxxRDBR10350
400*	10	565	475	711	820	600	547,5	SDGLxxxRDBR10400

*Supplied with gearbox.
xxx = drawing number



- ◆ Hydraulic tightness and seal test according to EN 12266-1.
100% Valves tested.

GLOBE VALVE

Angle, Stop Type. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 3356 part 5).
- ◆ Face to face EN 558 Series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

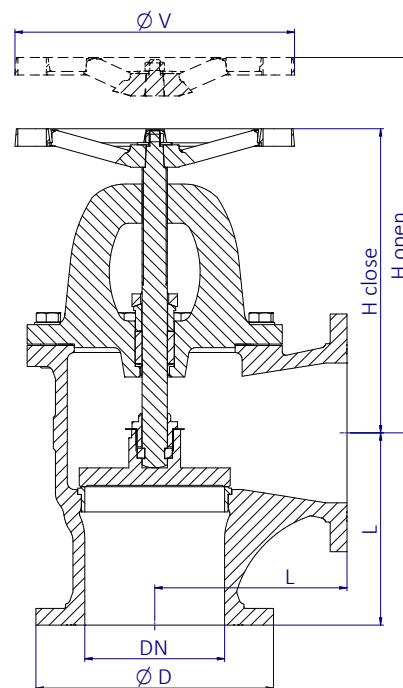
WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2
	Up to 225°C	7,3	11,65

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
G-616	Stop	Stainless S. A316 (EN10088/DIN17440)	Stainless S. (AISI316)	Stainless S. (AISI316)	Stainless S. A4	Aluminium

- ◆ Hydraulic tightness and sealing test according to EN 12266-1.
100% Valves tested.



DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	75	151,5	159,5	110	4,5	SDGL616TABR16015
20	10/16	105	85	148	156	110	5	SDGL616TABR16020
25	10/16	115	90	145,5	153,5	110	5,5	SDGL616TABR16025
32	10/16	140	105	197	214,5	150	10	SDGL616TABR16032
40	10/16	150	115	195	210,5	150	11	SDGL616TABR16040
50	10/16	165	125	195	210,5	150	13	SDGL616TABR16050
65	10/16	185	145	241	267,5	196	23,5	SDGL616TABR16065
80	10/16	200	155	243	271,5	196	27	SDGL616TABR16080
100	10/16	200	175	266,5	293,5	196	33	SDGL616TABR16100
125	10/16	250	200	336	377,5	298	57,5	SDGL616TABR16125
150	10/16	285	225	355	404,5	298	72	SDGL616TABR16150
200	10	340	275	435	488	388	143	SDGL616TABR10200
200	16	340	275	435	488	388	142,5	SDGL616TABR16200
250	10	395	325	512	571	500	242	SDGL616TABR10250
250	16	405	325	512	571	500	243,5	SDGL616TABR16250
300*	10	445	375	553	635	500	282	SDGL616RDBR10300
350*	10	505	425	606	706	600	385,5	SDGL616RDBR10350
400*	10	565	475	711	820	600	555	SDGL616RDBR10400

*Supplied with gearbox.

GLOBE VALVE

Angle, Stop Type. Nodular Cast Iron PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 3356 part 5).
- ◆ Face to face EN 558 Series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092 (DIN 2633).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized.
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

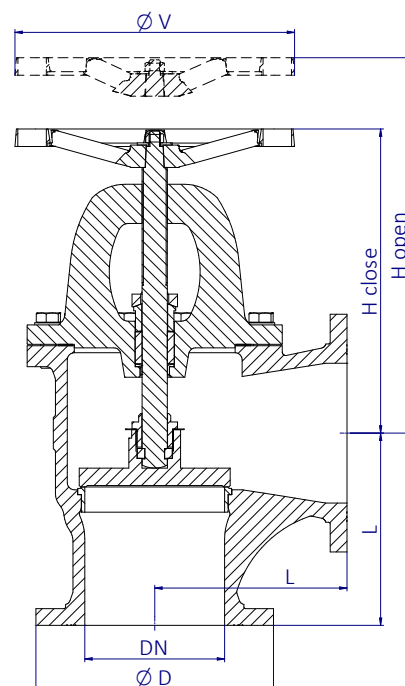
WORKING CONDITIONS

Size	DN	15-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	8,95	8,95

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	HANDWHEEL
G-410	Stop	Nodular Cast Iron (GJS400-18-LT)(EN 1563)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
G-412	Stop	Nodular Cast Iron (GJS400-18-LT)(EN 1563)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium

- ◆ Hydraulic tightness and sealing test according to EN 12266-1.
100% Valves tested.



DIMENSIONS

DN	Flanges	ØD	L	Hc	Ho	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
15	10/16	95	75	151,5	159,5	110	4	SDGLxxxTABR16015
20	10/16	105	85	148	156	110	4,5	SDGLxxxTABR16020
25	10/16	115	90	145,5	153,5	110	5	SDGLxxxTABR16025
32	10/16	140	105	197	214,5	150	9,5	SDGLxxxTABR16032
40	10/16	150	115	195	210,5	150	10,5	SDGLxxxTABR16040
50	10/16	165	125	195	210,5	150	12	SDGLxxxTABR16050
65	10/16	185	145	241	267,5	196	22	SDGLxxxTABR16065
80	10/16	200	155	243	271,5	196	25	SDGLxxxTABR16080
100	10/16	200	175	266,5	293,5	196	30,5	SDGLxxxTABR16100
125	10/16	250	200	336	377,5	298	53,5	SDGLxxxTABR16125
150	10/16	285	225	355	404,5	298	66,5	SDGLxxxTABR16150
200	10	340	275	435	488	388	133	SDGLxxxTABR10200
200	16	340	275	435	488	388	132,5	SDGLxxxTABR16200
250	10	395	325	512	571	500	225,5	SDGLxxxTABR10250
250	16	405	325	512	571	500	227	SDGLxxxTABR16250
300*	10	445	375	553	635	500	263	SDGLxxxRDBR10300
350*	10	505	425	606	706	600	358,5	SDGLxxxRDBR10350
400*	10	565	475	711	820	600	515,5	SDGLxxxRDBR10400

*Supplied with gearbox.
xxx = drawing number



QUICK CLOSING VALVES

QUICK CLOSING VALVE

Straight, Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 3356 part 5).
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092 (DIN 2633 PN16).
- ◆ Thread 1/8" BSP Supplied with R1/8" BSP - Ø 8L conector.

OPTIONAL CHARACTERISTICS

- ◆ With limit switch indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

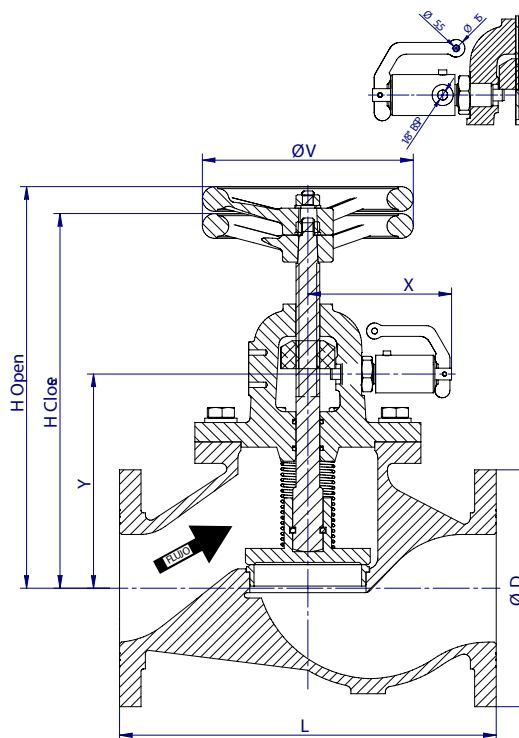
Size	DN	15-150
Nominal pressure	PN	10 16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4 15

MATERIALS

DRAWING	BODY	SEAT	STEM	SCREWS	HANDWHEEL
G-202-CR	Mild Steel (GS-C25) (EN10213/DIN 17245)	Stainless Steel (AISI420)	Stainless Steel (AISI420)	Mild Steel 8.8	Aluminium

DIMENSIONS

DN	ØD	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	130	185	195	110	125	86	5	SDGI202TABR16015
20	105	150	190	197	110	125	88	6	SDGI202TABR16020
25	115	160	195	202	110	125	93	7	SDGI202TABR16025
32	140	180	252	266	150	125	117	12	SDGI202TABR16032
40	150	200	254	269	150	125	120	12	SDGI202TABR16040
50	165	230	262	277	150	125	128	14	SDGI202TABR16050
65	185	290	315	339	200	125	172	25	SDGI202TABR16065
80	200	310	315	339	200	125	172	31	SDGI202TABR16080
100	200	340	351	377	200	135	199	37	SDGI202TABR16100
125	250	400	442	473	300	205	256	71	SDGI202TABR16125
150	285	480	442	479	300	205	289	102	SDGI202TABR16150



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

QUICK CLOSING VALVE

Straight, Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 3356 part 5).
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092 (DIN 2633 PN16).
- ◆ Thread 1/8" BSP Supplied with R1/8" BSP - Ø 8L conector.

OPTIONAL CHARACTERISTICS

- ◆ With limit switch indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

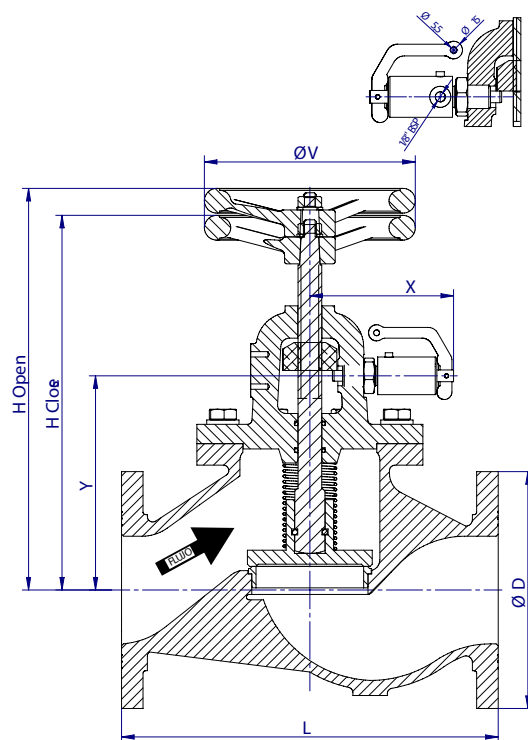
Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2

MATERIALS

DRAWING	BODY	SEAT	STEM	SCREWS	HANDWHEEL
G-606-CR	Stainless Steel A316 (EN10088/DIN 17440)	Stainless Steel A316 (EN10088/DIN 17440)	Stainless Steel A316 (EN10088/DIN 17440)	Stainless Steel A4	Aluminium

DIMENSIONS

DN	ØD	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	130	185	195	110	125	86	5	SDGI606TABR16015
20	105	150	190	197	110	125	88	6	SDGI606TABR16020
25	115	160	195	202	110	125	93	7	SDGI606TABR16025
32	140	180	252	266	150	125	117	12	SDGI606TABR16032
40	150	200	254	269	150	125	120	12	SDGI606TABR16040
50	165	230	262	277	150	125	128	14	SDGI606TABR16050
65	185	290	315	339	200	125	172	25	SDGI606TABR16065
80	200	310	315	339	200	125	172	31	SDGI606TABR16080
100	200	340	351	377	200	135	199	37	SDGI606TABR16100
125	250	400	442	473	300	205	256	71	SDGI606TABR16125
150	285	480	442	479	300	205	289	102	SDGI606TABR16150



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

QUICK CLOSING VALVE

Straight, Nodular Cast Iron PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 3356 part 5).
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092 (DIN 2633 PN16).
- ◆ Thread 1/8" BSP Supplied with R1/8" BSP - Ø 8L conector.

OPTIONAL CHARACTERISTICS

- ◆ With limit switch indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

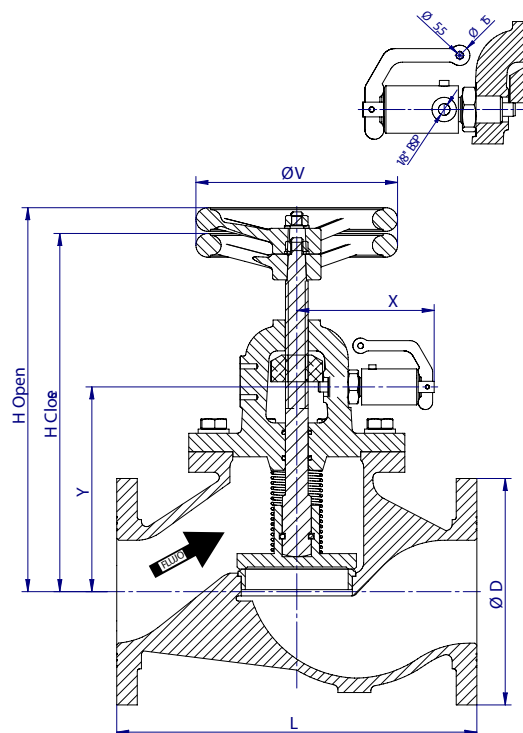
Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16

MATERIALS

DRAWING	BODY	SEAT	STEM	SCREWS	HANDWHEEL
G-402-CR	Nodular Cast iron (GGG40.3) (GJS400-18-LT)	Stainelss Steel (AISI420)	Stainless Steel (AISI420)	Mild Steel 8.8	Aluminium

DIMENSIONS

DN	ØD	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	130	185	195	110	125	86	5	SDGI402TABR16015
20	105	150	190	197	110	125	88	5	SDGI402TABR16020
25	115	160	195	202	110	125	93	6	SDGI402TABR16025
32	140	180	252	266	150	125	117	11	SDGI402TABR16032
40	150	200	254	269	150	125	120	11	SDGI402TABR16040
50	165	230	262	277	150	125	128	14	SDGI402TABR16050
65	185	290	315	339	200	125	172	24	SDGI402TABR16065
80	200	310	315	339	200	125	172	28	SDGI402TABR16080
100	200	340	351	377	200	135	199	35	SDGI402TABR16100
125	250	400	442	473	300	205	256	67	SDGI402TABR16125
150	285	480	442	479	300	205	289	95	SDGI402TABR16150



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

QUICK CLOSING VALVE

Angle, Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 3356 part 5).
- ◆ Face to face EN 558 series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092 (DIN 2633 PN16).
- ◆ Thread 1/8" BSP Supplied with R1/8" BSP - Ø 8L conector.

OPTIONAL CHARACTERISTICS

- ◆ With limit switch indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

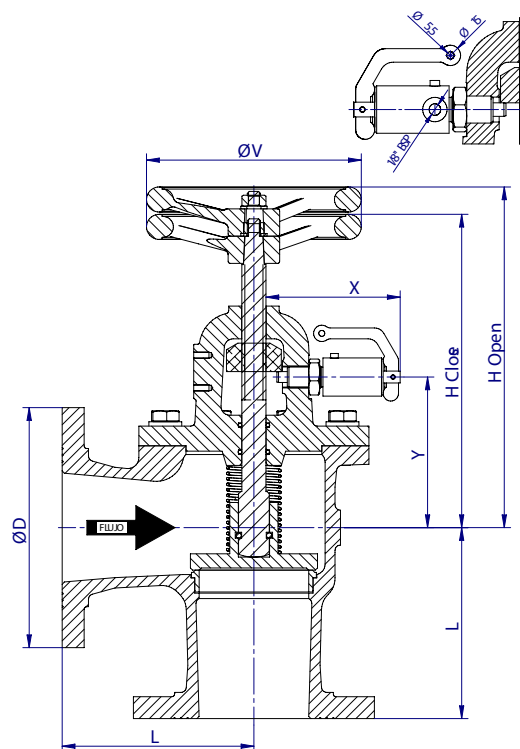
Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15

MATERIALS

DRAWING	BODY	SEAT	STEM	SCREWS	HANDWHEEL
G-212-CR	Mild Steel (GS-C25) (EN10213/DIN 17245)	Stainless Steel (AISI420)	Stainless Steel (AISI420)	Mild Steel 8.8	Aluminium

DIMENSIONS

DN	ØD	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	75	175	182	110	125	73	5	SDGI212TABR16015
20	105	85	172	179	110	125	70	6	SDGI212TABR16020
25	115	90	170	177	110	125	68	6	SDGI212TABR16025
32	140	105	230	245	150	125	96	11	SDGI212TABR16032
40	150	115	225	241	150	125	92	12	SDGI212TABR16040
50	165	125	226	241	150	125	92	14	SDGI212TABR16050
65	185	145	270	292	200	125	125	24	SDGI212TABR16065
80	200	155	263	287	200	125	125	27	SDGI212TABR16080
100	200	175	290	316	200	135	138	34	SDGI212TABR16100
125	250	200	369	400	300	205	183	65	SDGI212TABR16125
150	285	225	360	401	300	205	212	82	SDGI212TABR16150



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

QUICK CLOSING VALVE

Angle, Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 3356 part 5).
- ◆ Face to face EN 558 series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092 (DIN 2633 PN16).
- ◆ Thread 1/8" BSP Supplied with R1/8" BSP - Ø 8L conector.

OPTIONAL CHARACTERISTICS

- ◆ With limit switch indicator.

Integrated Logistics Support (ILS):

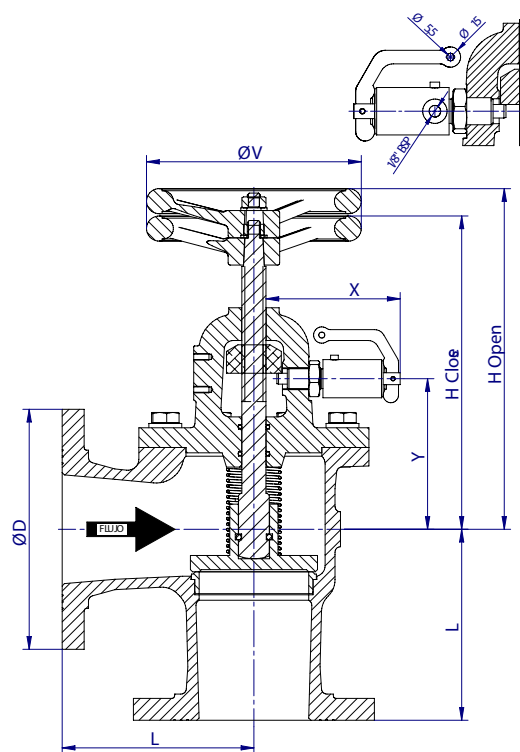
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2

MATERIALS

DRAWING	BODY	SEAT	STEM	SCREWS	HANDWHEEL
G-616-CR	Stainless Steel A316 (EN10088/DIN 17440)	Stainless Steel A316 (EN10088/DIN 17440)	Stainless Steel A316 (EN10088/DIN 17440)	Stainless Steel A4	Aluminium



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DIMENSIONS

DN	ØD	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	75	175	182	110	125	73	5	SDGI616TABR16015
20	105	85	172	179	110	125	70	6	SDGI616TABR16020
25	115	90	170	177	110	125	68	6	SDGI616TABR16025
32	140	105	230	245	150	125	96	11	SDGI616TABR16032
40	150	115	225	241	150	125	92	12	SDGI616TABR16040
50	165	125	226	241	150	125	92	14	SDGI616TABR16050
65	185	145	270	292	200	125	125	24	SDGI616TABR16065
80	200	155	263	287	200	125	125	27	SDGI616TABR16080
100	200	175	290	316	200	135	138	34	SDGI616TABR16100
125	250	200	369	400	300	205	183	65	SDGI616TABR16125
150	285	225	360	401	300	205	212	82	SDGI616TABR16150

QUICK CLOSING VALVE

Angle, Nodular Cast Iron PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 3356 part 5).
- ◆ Face to face EN 558 series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092 (DIN 2633 PN16).
- ◆ Thread 1/8" BSP Supplied with R1/8" BSP - Ø 8L conector.

OPTIONAL CHARACTERISTICS

- ◆ With limit switch indicator.

Integrated Logistics Support (ILS):

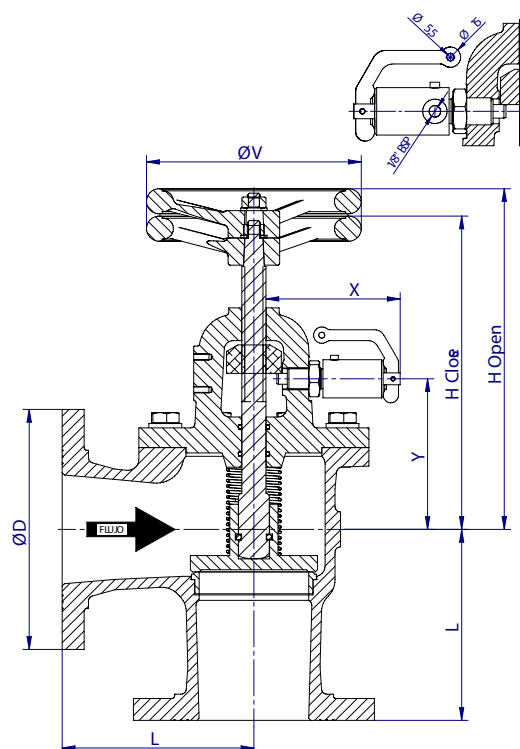
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16

MATERIALS

DRAWING	BODY	SEAT	STEM	SCREWS	HANDWHEEL
G-412-CR	Nodular Cast Iron (GGG40.3) (GJS400-18-LT)	Stainless Steel (AISI420)	Stainless Steel (AISI420)	Mild Steel 8.8	Aluminium



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DIMENSIONS

DN	ØD	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	75	175	182	110	125	73	5	SDGI412TABR16015
20	105	85	172	179	110	125	70	5	SDGI412TABR16020
25	115	90	170	177	110	125	68	6	SDGI412TABR16025
32	140	105	230	245	150	125	96	10	SDGI412TABR16032
40	150	115	225	241	150	125	92	12	SDGI412TABR16040
50	165	125	226	241	150	125	92	13	SDGI412TABR16050
65	185	145	270	292	200	125	125	23	SDGI412TABR16065
80	200	155	263	287	200	125	125	26	SDGI412TABR16080
100	200	175	290	316	200	135	138	32	SDGI412TABR16100
125	250	200	369	400	300	205	183	65	SDGI412TABR16125
150	285	225	360	401	300	205	212	80	SDGI412TABR16150



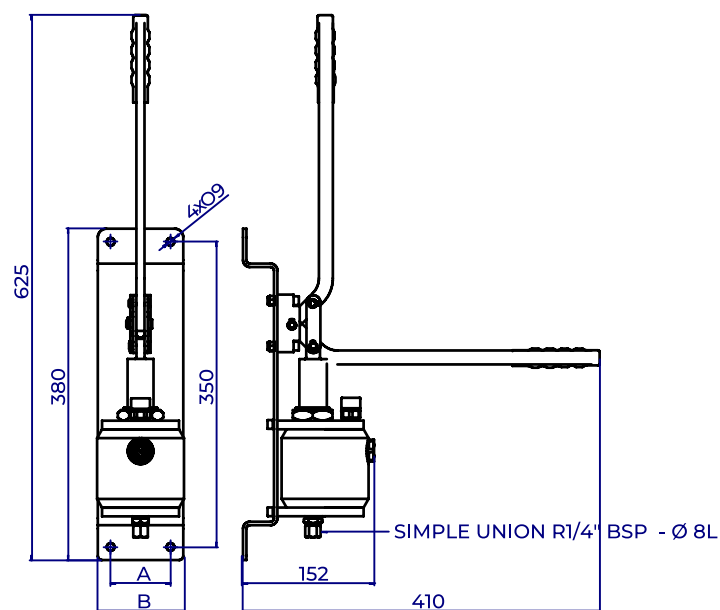
HYDRAULIC PUMP UNIT

HYDRAULIC PUMP UNIT

CHARACTERISTICS

Design:

- ◆ Impulse volume: 56 cm³.
- ◆ Saval GI: DN 15 - 100 / 4 valves (2 cm³).
- ◆ Saval GI: DN 125 - 150 / 2 valves (10 cm³).
- ◆ Recommended oil: ISO VG32.
- ◆ Optional: Individual locking system.

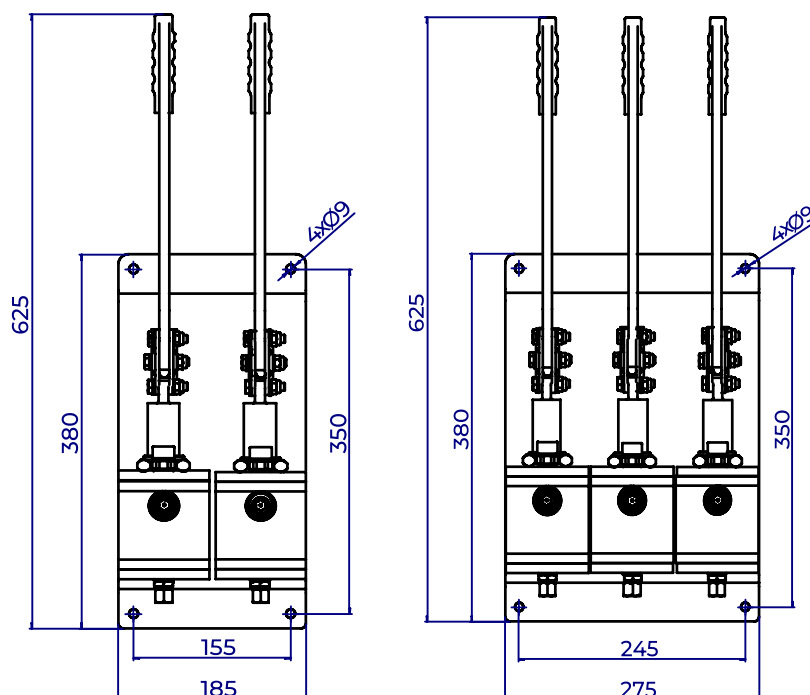


MATERIALS

DRAWING	TYPE	TANK	LEVER	SUPPORT	STEM
UI-206-1	1 Lever	Steel S35	Steel S35	A316	A316
UI-206-2	2 Levers				
UI-206-3	3 Levers				

DIMENSIONS

Lever	A	B	Kg	Code
1	70	100	9	F5084000000000000
2	155	185	17	F5084000000000001
3	245	275	25	F5084000000000002





GATE VALVES

GATE VALVE

Rising stem. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 12288.
- ◆ Face to face EN 558 series 14 (DIN 3202 F4).
- ◆ Flanges according to EN 1092.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized

Integrated Logistics Support (ILS):

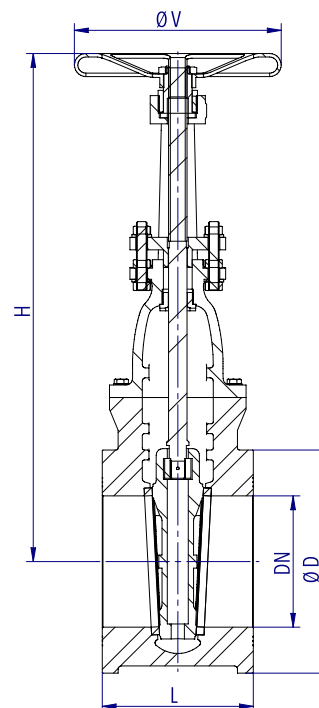
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	40-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	6,6	10,7

MATERIALS

DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	HANDWHEEL
CB-708	Rising stem	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	Stainless S. A4	Nod. Cast Iron GGG40.3 or Iron GG25



- ◆ Hydraulic tightness and sealing test according to EN 12266-1.
100% Valves tested.

DIMENSIONS

DN	Flanges	ØD	L	H	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	[kg]	SAVAL
40	10/16	150	140	290	200	14	SDCB708TABR16040
50	10/16	165	150	305	200	16	SDCB708TABR16050
65	10/16	185	170	365	200	22	SDCB708TABR16065
80	10/16	200	180	420	200	26,5	SDCB708TABR16080
100	10/16	220	190	510	225	35	SDCB708TABR16100
125	10/16	250	200	545	225	46,5	SDCB708TABR16125
150	10/16	285	210	640	325	71,5	SDCB708TABR16150
200	10	340	230	770	325	120	SDCB708TABR10200
200	16	340	230	770	325	120	SDCB708TABR16200
250	10	395	250	905	375	139	SDCB708TABR10250
250	16	405	250	905	375	141	SDCB708TABR16250
300*	10	445	270	1060	375	257,5	SDCB708RDBR10300
350*	10	505	290	1250	450	363	SDCB708RDBR10350
400*	10	565	310	1370	450	441	SDCB708RDBR10400

*Supplied with gearbox.

GATE VALVE

Rising stem. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 1984.
- ◆ Face to face EN 558 series 14 (DIN 3202 F4).
- ◆ Flanges according to EN 1092.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	40-250		300-400
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15	9,4
	Up to 225°C	8	12,8	8

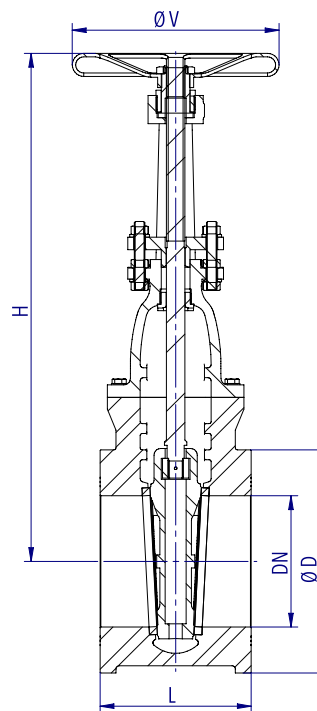
MATERIALS

DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	HANDWHEEL
CB-200	Rising Stem	Mild Steel (GS-C 25) (EN10213/DIN 17245)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Nod. Cast Iron GGG40.3 or Iron GG25
CB-202	Rising Stem	Mild Steel (GS-C 25) (EN10213/DIN 17245)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Nod. Cast Iron GGG40.3 or Iron GG25

DIMENSIONS

DN	Flanges	ØD	L	H	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	[kg]	SAVAL
40	10/16	150	140	290	200	12	SDCBxxxTABR16040
50	10/16	165	150	305	200	13,5	SDCBxxxTABR16050
65	10/16	185	170	365	200	19	SDCBxxxTABR16065
80	10/16	200	180	420	200	24	SDCBxxxTABR16080
100	10/16	220	190	510	225	32	SDCBxxxTABR16100
125	10/16	250	200	545	225	42,5	SDCBxxxTABR16125
150	10/16	285	210	640	325	65	SDCBxxxTABR16150
200	10	340	230	770	325	111	SDCBxxxTABR10200
200	16	340	230	770	325	111	SDCBxxxTABR16200
250	10	395	250	905	375	128,5	SDCBxxxTABR10250
250	16	405	250	905	375	130	SDCBxxxTABR16250
300*	10	445	270	1060	375	237	SDCBxxxRDBR10300
350*	10	505	290	1250	450	339	SDCBxxxRDBR10350
400*	10	565	310	1370	450	411	SDCBxxxRDBR10400

*Supplied with gearbox.
xxx = drawing number



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

GATE VALVE

Rising stem. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 1984.
- ◆ Face to face EN 558 series 14 (DIN 3202 F4).
- ◆ Flanges according to EN 1092.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized

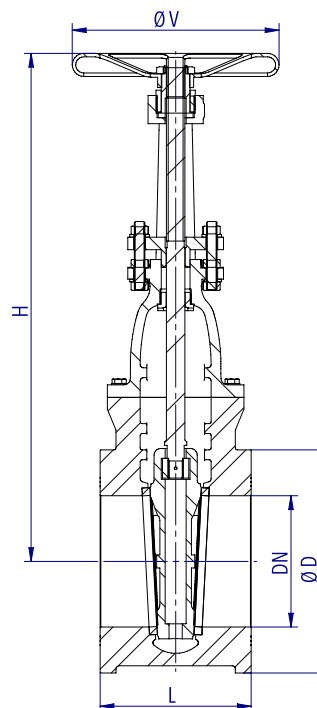
Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	40-250		300-400
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2	9,5
	Up to 225°C	7,3	11,6	7,3

MATERIALS



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	HANDWHEEL
CB-606	Rising Stem	Stainless Steel A316 (EN10088/DIN 17440)	Stainless Steel A316 (EN10088/DIN 17440)	Stainless Steel A316 (EN10088/DIN 17440)	Stainless S. A4	Nod. Cast Iron GGG40.3 or Iron GG25

DIMENSIONS

DN	Flanges	ØD	L	H	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	[kg]	SAVAL
40	10/16	150	140	290	200	12	SDCB606TABR16040
50	10/16	165	150	305	200	13,5	SDCB606TABR16050
65	10/16	185	170	365	200	19	SDCB606TABR16065
80	10/16	200	180	420	200	24	SDCB606TABR16080
100	10/16	220	190	510	225	32	SDCB606TABR16100
125	10/16	250	200	545	225	42,5	SDCB606TABR16125
150	10/16	285	210	640	325	65	SDCB606TABR16150
200	10	340	230	770	325	111	SDCB606TABR10200
200	16	340	230	770	325	111	SDCB606TABR16200
250	10	395	250	905	375	128,5	SDCB606TABR10250
250	16	405	250	905	375	130	SDCB606TABR16250
300*	10	445	270	1060	375	237	SDCB606RDBR10300
350*	10	505	290	1250	450	339	SDCB606RDBR10350
400*	10	565	310	1370	450	411	SDCB606RDBR10400

*Supplied with gearbox.

GATE VALVE

Rising stem. Nodular Cast Iron PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 1171.
- ◆ Face to face EN 558 series 14 (DIN 3202 F4).
- ◆ Flanges according to EN 1092.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized

Integrated Logistics Support (ILS):

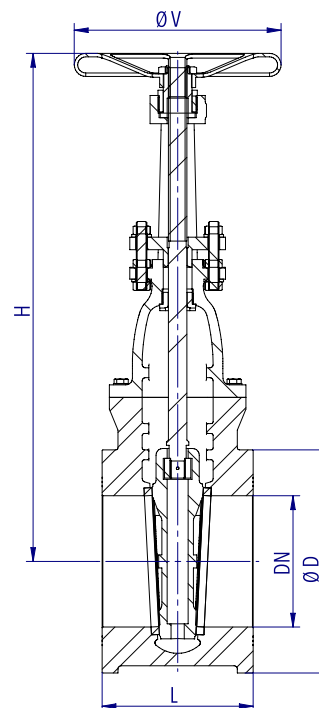
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	40-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	8,9	8,9

MATERIALS

DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	HANDWHEEL
CB-400	Rising stem	Nodular Cast Iron (GGG40.3) (GJS400-18-LT)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Nod. Cast Iron GGG40.3 or Iron GG25
CB-402	Rising stem	Nodular Cast Iron (GGG40.3) (GJS400-18-LT)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Nod. Cast Iron GGG40.3 or Iron GG25



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DIMENSIONS

DN	Flanges	ØD	L	H	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	[kg]	SAVAL
40	10/16	150	140	290	200	11	SDCBxxxTABR16040
50	10/16	165	150	305	200	12,5	SDCBxxxTABR16050
65	10/16	185	170	365	200	17,5	SDCBxxxTABR16065
80	10/16	200	180	420	200	22,5	SDCBxxxTABR16080
100	10/16	220	190	510	225	30	SDCBxxxTABR16100
125	10/16	250	200	545	225	40	SDCBxxxTABR16125
150	10/16	285	210	640	325	61	SDCBxxxTABR16150
200	10	340	230	770	325	103,5	SDCBxxxTABR10200
200	16	340	230	770	325	103,5	SDCBxxxTABR16200
250	10	395	250	905	375	120	SDCBxxxTABR10250
250	16	405	250	905	375	121	SDCBxxxTABR16250
300*	10	445	270	1060	375	220,5	SDCBxxxRDBR10300
350*	10	505	290	1250	450	317	SDCBxxxRDBR10350
400*	10	565	310	1370	450	384	SDCBxxxRDBR10400

*Supplied with gearbox.
xxx = drawing number

GATE VALVE

Non rising stem. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 12288.
- ◆ Face to face EN 558 series 14 (DIN 3202 F4).
- ◆ Flanges according to EN 1092.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized .
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	40-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	6,6	6,6

MATERIALS

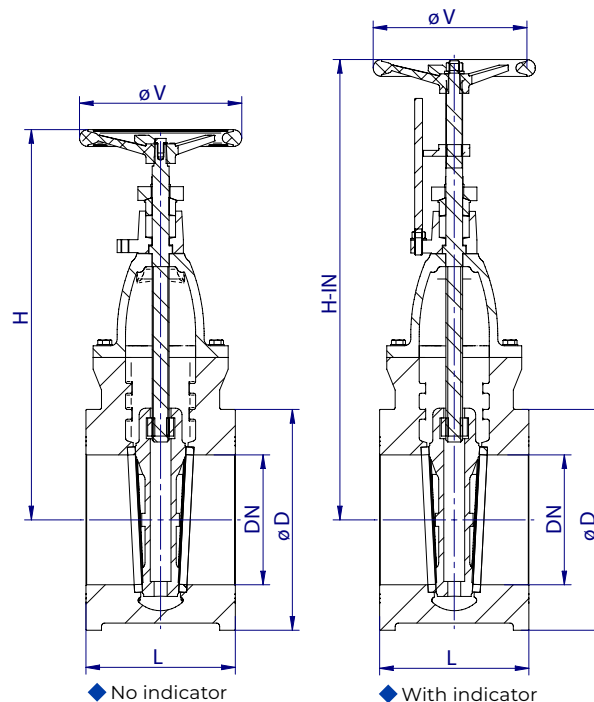
DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	HANDWHEEL
C-708	Non rising stem	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN1982/DIN1714)	CuAl10Fe5Ni5 (EN1982/DIN1714)	Stainless S. A4	Aluminium
C-708 IN	Non rising stem indicator	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN1982/DIN1714)	CuAl10Fe5Ni5 (EN1982/DIN1714)	Stainless S. A4	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	H	H-IN	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
40	10/16	150	140	225	260	140	11	SDCO708YYBR16040
50	10/16	165	150	240	280	140	13,5	SDCO708YYBR16050
65	10/16	185	170	265	320	150	18	SDCO708YYBR16065
80	10/16	200	180	305	370	150	23,5	SDCO708YYBR16080
100	10/16	220	190	375	440	200	32,5	SDCO708YYBR16100
125	10/16	250	200	427	485	200	44,5	SDCO708YYBR16125
150	10/16	285	210	465	530	250	59,5	SDCO708YYBR16150
200	10	340	230	605	715	300	107	SDCO708YYBR10200
200	16	340	230	605	715	300	107	SDCO708YYBR16200
250	10	395	250	650	-	315	130	SDCO708YYBR10250
250	16	405	250	650	-	315	131	SDCO708YYBR16250
300*	10	445	270	820	-	315	230	SDCO708YYBR10300
350*	10	505	290	990	-	315	320,5	SDCO708YYBR10350
400*	10	565	310	1050	-	315	411	SDCO708YYBR10400

*Supplied with gearbox.

YY = TA: without indicator RD: Gearbox
IN: with indicator RI: Gearbox and indicator



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

GATE VALVE

Non rising stem. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 1984.
- ◆ Face to face EN 558 series 14 (DIN 3202 F4).
- ◆ Flanges according to EN 1092.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized .
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	40-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15
	Up to 225°C	8	12,8

MATERIALS

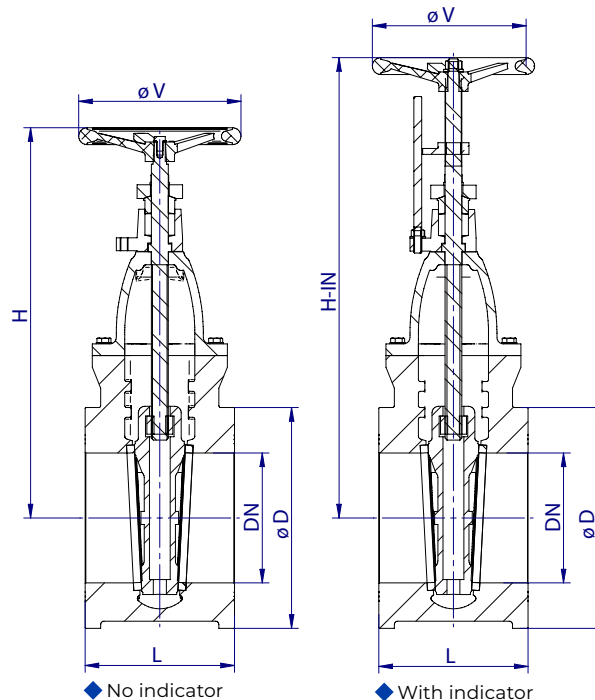
DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	HANDWHEEL
C-200	Non rising stem	Mild Steel (GS-C 25) (EN10213/DIN 17245)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
C-200 IN	Non rising stem indicator	Mild Steel (GS-C 25) (EN10213/DIN 17245)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
C-202	Non rising stem	Mild Steel (GS-C 25) (EN10213/DIN 17245)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium
C-202 IN	Non rising stem indicator	Mild Steel (GS-C 25) (EN10213/DIN 17245)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	H	H-IN	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
40	10/16	150	140	225	260	140	10	SDCOxxxYYBR16040
50	10/16	165	150	240	280	140	12	SDCOxxxYYBR16050
65	10/16	185	170	265	320	150	16,5	SDCOxxxYYBR16065
80	10/16	200	180	305	370	150	21	SDCOxxxYYBR16080
100	10/16	220	190	375	440	200	30	SDCOxxxYYBR16100
125	10/16	250	200	427	485	200	41	SDCOxxxYYBR16125
150	10/16	285	210	465	530	250	55,5	SDCOxxxYYBR16150
200	10	340	230	605	715	300	98	SDCOxxxYYBR10200
200	16	340	230	605	715	300	98	SDCOxxxYYBR16200
250	10	395	250	650	-	315	119	SDCOxxxYYBR10250
250	16	405	250	650	-	315	120	SDCOxxxYYBR16250
300*	10	445	270	820	-	315	211,5	SDCOxxxYYBR10300
350*	10	505	290	990	-	315	300	SDCOxxxYYBR10350
400*	10	565	310	1050	-	315	383	SDCOxxxYYBR10400

*Supplied with gearbox.
xxx = drawing number

YY = TA: without indicator RD: Gearbox
IN: with indicator RI: Gearbox and indicator



- ◆ Hydraulic tightness and sealing test according to EN 12266-1
100% Valves tested.

GATE VALVE

Non rising stem. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 1984.
- ◆ Face to face EN 558 series 14 (DIN 3202 F4).
- ◆ Flanges according to EN 1092.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized .
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	40-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2
	Up to 225°C	7,3	11,6

MATERIALS

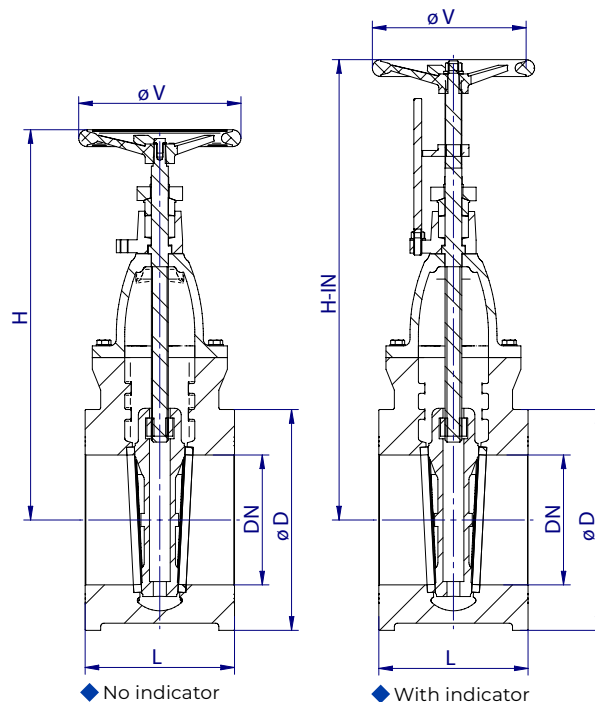
DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	HANDWHEEL
C-606	Non rising stem	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A4	Aluminium
C-606 IN	Non rising stem indicator	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A4	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	H	H-IN	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
40	10/16	150	140	225	260	140	10	SDCO606YYBR16040
50	10/16	165	150	240	280	140	12	SDCO606YYBR16050
65	10/16	185	170	265	320	150	16,5	SDCO606YYBR16065
80	10/16	200	180	305	370	150	21	SDCO606YYBR16080
100	10/16	220	190	375	440	200	30	SDCO606YYBR16100
125	10/16	250	200	427	485	200	41	SDCO606YYBR16125
150	10/16	285	210	465	530	250	55,5	SDCO606YYBR16150
200	10	340	230	605	715	300	98	SDCO606YYBR10200
200	16	340	230	605	715	300	98	SDCO606YYBR16200
250	10	395	250	650	-	315	119	SDCO606YYBR10250
250	16	405	250	650	-	315	120	SDCO606YYBR16250
300*	10	445	270	820	-	315	211,5	SDCO606YYBR10300
350*	10	505	290	990	-	315	300	SDCO606YYBR10350
400*	10	565	310	1050	-	315	383	SDCO606YYBR10400

*Supplied with gearbox.

YY = TA: without indicator RD: Gearbox
IN: with indicator RI: Gearbox and indicator



◆ Hydraulic tightness and sealing test according to EN 12266-1
100% Valves tested.

GATE VALVE

Non rising stem. Nodular Cast Iron PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 1171 (DIN 3352 T3).
- ◆ Face to face EN 558 series 14 (DIN 3202 F4).
- ◆ Flanges according to EN 1092 (DIN 2633 PN16).

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized .
- ◆ Position indicator.

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	40-250	300-400
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	8,9	8,9

MATERIALS

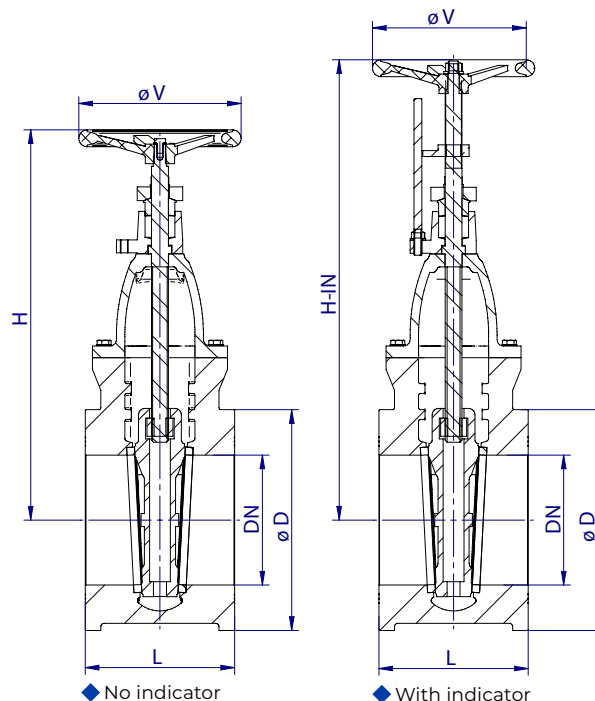
DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	HANDHWEEL
C-400	Non rising stem	Nodular Cast Iron (GGG40.3) (GJS400-18-LT)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
C-400 IN	Non rising stem indicator	Nodular Cast Iron (GGG40.3) (GJS400-18-LT)	Bronze (Rg5) (DIN 1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
C-402	Non rising stem	Nodular Cast Iron (GGG40.3) (GJS400-18-LT)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium
C-402 IN	Non rising stem indicator	Nodular Cast Iron (GGG40.3) (GJS400-18-LT)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium

DIMENSIONS

DN	Flanges	ØD	L	H	H-IN	ØV	Weight	Code
mm	PN	mm	mm	mm	mm	mm	[kg]	SAVAL
40	10/16	150	140	225	260	140	9,5	SDCOxxxYYBR16040
50	10/16	165	150	240	280	140	11	SDCOxxxYYBR16050
65	10/16	185	170	265	320	150	15	SDCOxxxYYBR16065
80	10/16	200	180	305	370	150	19,5	SDCOxxxYYBR16080
100	10/16	220	190	375	440	200	27,5	SDCOxxxYYBR16100
125	10/16	250	200	427	485	200	38	SDCOxxxYYBR16125
150	10/16	285	210	465	530	250	51	SDCOxxxYYBR16150
200	10	340	230	605	715	300	91	SDCOxxxYYBR10200
200	16	340	230	605	715	300	91	SDCOxxxYYBR16200
250	10	395	250	650	-	315	111	SDCOxxxYYBR10250
250	16	405	250	650	-	315	112	SDCOxxxYYBR16250
300*	10	445	270	820	-	315	197	SDCOxxxYYBR10300
350*	10	505	290	990	-	315	280	SDCOxxxYYBR10350
400*	10	565	310	1050	-	315	357	SDCOxxxYYBR10400

*Supplied with gearbox.
xxx = drawing number

YY = TA: without indicator RD: Gearbox
IN: with indicator RI: Gearbox and indicator



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.



BUTTERFLY VALVES

BUTTERFLY VALVE

Lug. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 593 / ISO 10631.
- ◆ Face to face EN 558-1 Series 20 (DIN 3202).
- ◆ Flanges EN 1092 (DIN 2501).
- ◆ ISO-TOP flange according to 5211.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-400	
Normal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16

MATERIALS

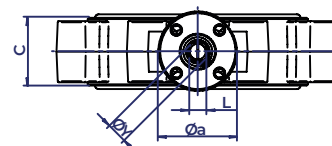
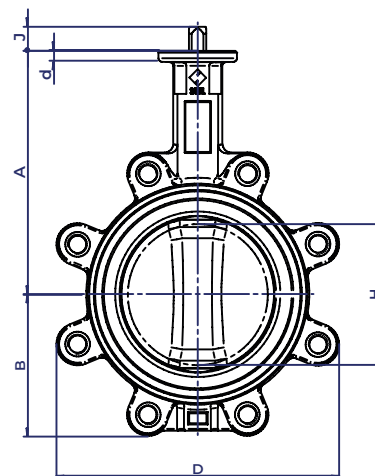
DRAWING	TYPE	BODY	BUTTERFLY	STEATS	STEM
ML-728-N	Lug	Bronze (Rg10) (DIN 1705)	CuAl10Ni (EN 1982) / C95800	NBR	Stainless Steel 420
ML-728-E	Lug	Bronze (Rg10) (DIN 1705)	CuAl10Ni (EN 1982) / C95800	EPDM	Stainless Steel 420

DIMENSIONS

DN	Flanges	A	B	C	D	H	J	L	ØY	Øa	d	ISO Top Flange	Torque 10/16*	Weight	Code
mm	PN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		[Nm]	[kg]	SAVAL
32	10/16	130	54	33	106	26	16,5	11	13	65	10	F-05	10/16	2,5	SDML728YZ20516032
40	10/16	130	54	33	106	26	16,5	11	13	65	10	F-05	10/16	2,5	SDML728YZ20516040
50	10/16	135	63	43	119	29,5	16,5	11	13	65	10	F-05	12/17	3	SDML728YZ20516050
65	10/16	150	71	46	133	49	16,5	11	13	65	10	F-05	22/26	4,5	SDML728YZ20516065
80	10/16	160	90	46	178	67,5	19,5	11	13	65	10	F-05	25/30	5,5	SDML728YZ20516080
100	10/16	180	101	52	201	86,5	19,5	11	13	65	10	F-05	45/55	7,5	SDML728YZ20516100
125	10/16	196	115	56	232	113,5	19,5	14	17	65	10	F-05	74/86	9,5	SDML728YZ20516125
150	10/16	210	130	56	257	142	19,5	14	17	90	12	F-07	95/115	11,5	SDML728YZ20716150
200	10	240	156	60	323	191,5	24,5	17	21	90	12	F-07	143	16,5	SDML728YZ20710200
200	16	240	156	60	323	191,5	24,5	17	21	90	12	F-07	215	17,5	SDML728YZ20716200
250	10	275	195	68	390	240	29,5	22	26,5	125	15	F-10	272	30,5	SDML728YZ21010250
250	16	275	195	68	390	240	29,5	22	26,5	125	15	F-10	350	29,5	SDML728YZ21016250
300	10	310	229	78	458	289	29,5	22	26,5	125	15	F-10	395	44	SDML728YZ21010300
300	16	310	229	78	458	289	29,5	22	26,5	125	15	F-10	565	43	SDML728YZ21016300
350	10	335	262	78	523	329,5	29,5	22	26,5	150	17	F-12	500	65	SDML728YZ21210350
350	16	335	262	78	523	329,5	29,5	22	26,5	150	17	F-12	955	65	SDML728YZ21216350
400	10	365	307	102	590	381	36,5	27	33	175	18	F-14	700	94,5	SDML728YZ21410400
400	16	365	307	102	590	381	36,5	27	33	175	18	F-14	1000	94,5	SDML728YZ21416400

*Operating torques for EPDM, water at 20°C, and optimal assembly conditions. For other elastomers, this may vary significantly.

Y = 1 Rilsan Z = 1 EPDM
2 Without paint 2 NBR *more options available



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

BUTTERFLY VALVE

Lug. Bronze PN 10/16

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APPLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene-propylene thermopolymer ENB	Black	Mineral acid solutions, alkaline solutions of mineral bases, organic salt dissolutions, alcohols, water and seawater.	Not recommended for organic hydrocarbons.	- 20° / 90°
NBR	Acrylonitrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic hydrocarbons, animal fats, vegetable fats, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 90°
FPM (VITON)	Hexafluoropropylene vinylidene fluoride copolymer	Black	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (up to 130°C), unleaded gasoline, ketones, amines, Freon-22.	- 5° / 200°
STEAM SILICONE		Grey	Steam and super heated water.	Hydrocarbons, strong acids, and strong bases.	- 55° / 140°

* Other materials under request (white EPDM, Flucast, white Viton...)

VALVE ACTUATION

Type	Our butterfly valves can be operated by any of the following types of actuators
Free Shaft	Ready to be actuated according to ISO TOP 5211.
Manual operation	Lever, handwheel, worm gear.
Pneumatic actuation	Quarter turn actuators, double acting or spring return. Linear cylinders, double acting or spring return.
Hydraulic actuation	Linear, double acting or spring return
Electric actuation	Electric actuators.

BUTTERFLY VALVE

Lug. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 593 / ISO 10631.
- ◆ Face to face EN 558-1 Series 20 (DIN 3202).
- ◆ Flanges EN 1092 (DIN 2501).
- ◆ ISO-TOP flange according to 5211.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-400	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16

MATERIALS

DRAWING	TYPE	BODY	BUTTERFLY	SEATS	STEM
ML-626-N	Lug	AISI 316 (ASTM 351/351M CF8M)	AISI 316 (ASTM 351/351M CF8M)	NBR	Stainless Steel 420
ML-626-E	Lug	AISI 316 (ASTM 351/351M CF8M)	AISI 316 (ASTM 351/351M CF8M)	EPDM	Stainless Steel 420

DIMENSIONS

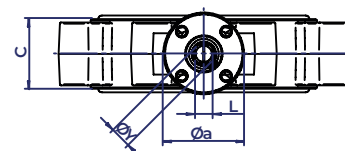
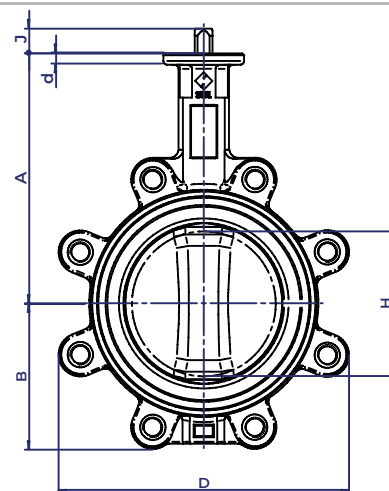
DN	Flanges	A	B	C	D	H	J	L	ØY	Øa	d	ISO Top Flange	Torque 10/16*	Weight	Code
mm	PN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		[Nm]	[kg]	SAVAL
32	10/16	130	54	33	106	26	16,5	11	13	65	10	F-05	10/16	2,5	SDML626YZ20516032
40	10/16	130	54	33	106	26	16,5	11	13	65	10	F-05	10/16	2,5	SDML626YZ20516040
50	10/16	135	63	43	119	29,5	16,5	11	13	65	10	F-05	12/17	3	SDML626YZ20516050
65	10/16	150	71	46	133	49	16,5	11	13	65	10	F-05	22/26	4	SDML626YZ20516065
80	10/16	160	90	46	178	67,5	19,5	11	13	65	10	F-05	25/30	5	SDML626YZ20516080
100	10/16	180	101	52	201	86,5	19,5	11	13	65	10	F-05	45/55	7	SDML626YZ20516100
125	10/16	196	115	56	232	113,5	19,5	14	17	65	10	F-05	74/86	9	SDML626YZ20516125
150	10/16	210	130	56	257	142	19,5	14	17	90	12	F-07	95/115	11	SDML626YZ20716150
200	10	240	156	60	323	191,5	24,5	17	21	90	12	F-07	143	16	SDML626YZ20710200
200	16	240	156	60	323	191,5	24,5	17	21	90	12	F-07	215	16,5	SDML626YZ20716200
250	10	275	195	68	390	240	29,5	22	26,5	125	15	F-10	272	29	SDML626YZ21010250
250	16	275	195	68	390	240	29,5	22	26,5	125	15	F-10	350	28	SDML626YZ21016250
300	10	310	229	78	458	289	29,5	22	26,5	125	15	F-10	395	42	SDML626YZ21010300
300	16	310	229	78	458	289	29,5	22	26,5	125	15	F-10	565	41	SDML626YZ21016300
350	10	335	262	78	523	329,5	29,5	22	26,5	150	17	F-12	500	62	SDML626YZ21210350
350	16	335	262	78	523	329,5	29,5	22	26,5	150	17	F-12	955	62	SDML626YZ21216350
400	10	365	307	102	590	381	36,5	27	33	175	18	F-14	700	90,5	SDML626YZ21410400
400	16	365	307	102	590	381	36,5	27	33	175	18	F-14	1000	90,5	SDML626YZ21416400

*Operating torques for EPDM, water at 20°C, and optimal assembly conditions. For other elastomers, this may vary significantly.

Y = 2 Without paint

Z = 1 EPDM

2 NBR *more options available



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

BUTTERFLY VALVE

Lug. Stainless Steel PN 10/16

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APPLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene-propylene thermopolymer ENB	Black	Mineral acid solutions, alkaline solutions of mineral bases, organic salt dissolutions, alcohols, water and seawater.	Not recommended for organic hydrocarbons.	- 20° / 90°
NBR	Acrylonitrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic hydrocarbons, animal fats, vegetable fats, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 90°
FPM (VITON)	Hexafluoropropylene vinylidene fluoride copolymer	Black	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (up to 130°C), unleaded gasoline, ketones, amines, Freon-22.	- 5° / 200°
STEAM SILICONE		Grey	Steam and super heated water.	Hydrocarbons, strong acids, and strong bases.	- 55° / 140°

* Other materials under request (white EPDM, Flucast, white Viton...)

VALVE ACTUATION

Type	Our butterfly valves can be operated by any of the following types of actuators
Free Shaft	Ready to be actuated according to ISO TOP 5211.
Manual operation	Lever, handwheel, worm gear.
Pneumatic actuation	Quarter turn actuators, double acting or spring return. Linear cylinders, double acting or spring return.
Hydraulic actuation	Linear, double acting or spring return
Electric actuation	Electric actuators.

BUTTERFLY VALVE

Lug. Nodular Cast Iron PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 593 / ISO 10631.
- ◆ Face to face EN 558-1 Series 20 (DIN 3202).
- ◆ Flanges EN 1092 (DIN 2501).
- ◆ ISO-TOP flange according to 5211.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-400	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16

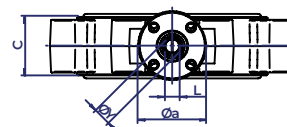
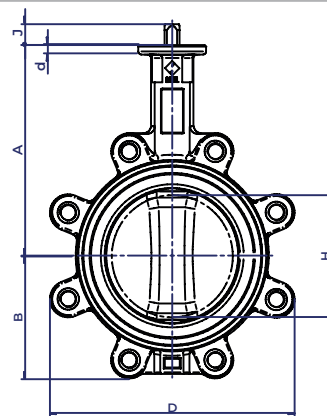
MATERIALS

DRAWING	TYPE	BODY	BUTTERFLY	SEATS	STEAM
ML-404-N	Lug	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	NBR	Stainless Steel 420
ML-404-E	Lug	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	EPDM	Stainless Steel 420
ML-406-N	Lug	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	AISI 316 (ASTM 351/351M CF8M)	NBR	Stainless Steel 420
ML-406-E	Lug	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	AISI 316 (ASTM 351/351M CF8M)	EPDM	Stainless Steel 420
ML-408-N	Lug	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	CuAl10Ni (EN 1982)	NBR	Stainless Steel 420
ML-408-E	Lug	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	CuAl10Ni (EN 1982)	EPDM	Stainless Steel 420

DIMENSIONS

DN	Flanges	A	B	C	D	H	J	L	ØY	Øa	d	ISO Top Flange	Torque 10/16*	Weight	Code
mm	PN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		[Nm]	[kg]	SAVAL
32	10/16	130	54	33	106	26	16,5	11	13	65	10	F-05	10/16	2	SDMLxxxYZ20516032
40	10/16	130	54	33	106	26	16,5	11	13	65	10	F-05	10/16	2	SDMLxxxYZ20516040
50	10/16	135	63	43	119	29,5	16,5	11	13	65	10	F-05	12/17	3	SDMLxxxYZ20516050
65	10/16	150	71	46	133	49	16,5	11	13	65	10	F-05	22/26	4	SDMLxxxYZ20516065
80	10/16	160	90	46	178	67,5	19,5	11	13	65	10	F-05	25/30	5	SDMLxxxYZ20516080
100	10/16	180	101	52	201	86,5	19,5	11	13	65	10	F-05	45/55	6	SDMLxxxYZ20516100
125	10/16	196	115	56	232	113,5	19,5	14	17	65	10	F-05	74/86	8	SDMLxxxYZ20516125
150	10/16	210	130	56	257	142	19,5	14	17	90	12	F-07	95/115	10	SDMLxxxYZ20716150
200	10	240	156	60	323	191,5	24,5	17	21	90	12	F-07	143	15	SDMLxxxYZ20710200
200	16	240	156	60	323	191,5	24,5	17	21	90	12	F-07	215	15	SDMLxxxYZ20716200
250	10	275	195	68	390	240	29,5	22	26,5	125	15	F-10	272	27	SDMLxxxYZ21010250
250	16	275	195	68	390	240	29,5	22	26,5	125	15	F-10	350	26	SDMLxxxYZ21016250
300	10	310	229	78	458	289	29,5	22	26,5	125	15	F-10	395	39	SDMLxxxYZ21010300
300	16	310	229	78	458	289	29,5	22	26,5	125	15	F-10	565	38	SDMLxxxYZ21016300
350	10	335	262	78	523	329,5	29,5	22	26,5	150	17	F-12	500	57	SDMLxxxYZ21210350
350	16	335	262	78	523	329,5	29,5	22	26,5	150	17	F-12	955	57	SDMLxxxYZ21216350
400	10	365	307	102	590	381	36,5	27	33	175	18	F-14	700	83	SDMLxxxYZ21410400
400	16	365	307	102	590	381	36,5	27	33	175	18	F-14	1000	83	SDMLxxxYZ21416400
450	10	405	375	114	640	435	41	36	48	175	18	F-14	1455	113	SDMLxxxYZ21410450
450	16	405	375	114	640	435	41	36	48	175	18	F-14	1955	111	SDMLxxxYZ21416450
600	10	530	468	154	840	575	49	46	58	210	24	F-16	3460	250	SDMLxxxYZ21610600
600	16	530	468	154	840	575	49	46	58	210	24	F-16	3860	245	SDMLxxxYZ21616600

Y = 1 Rilsan Z = 1 EPDM
 2 Without paint 2 NBR *more options available



- ◆ Hydraulic tightness and sealing test according to EN 12266-1
100% Valves tested.

BUTTERFLY VALVE

Lug. Nodular Cast Iron PN 10/16

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APPLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene-propylene thermopolymer ENB	Black	Mineral acid solutions, alkaline solutions of mineral bases, organic salt dissolutions, alcohols, water and seawater.	Not recommended for organic hydrocarbons.	- 20° / 90°
NBR	Acrylonitrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic hydrocarbons, animal fats, vegetable fats, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 90°
FPM (VITON)	Hexafluoropropylene vinylidene fluoride copolymer	Black	Acids, fats, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (up to 130°C), unleaded gasoline, ketones, amines, Freon-22.	- 5° / 200°
STEAM SILICONE		Grey	Steam and super heated water.	Hydrocarbons, strong acids, and strong bases.	- 55° / 140°

* Other materials under request (white EPDM, Flucast, white Viton...)

VALVE ACTUATION

Type	Our butterfly valves can be operated by any of the following types of actuators
Free Shaft	Ready to be actuated according to ISO TOP 5211.
Manual operation	Lever, handwheel, worm gear.
Pneumatic actuation	Quarter turn actuators, double acting or spring return. Linear cylinders, double acting or spring return.
Hydraulic actuation	Linear, double acting or spring return
Electric actuation	Electric actuators.

BUTTERFLY VALVE

Wafer. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 593 / ISO 10631.
- ◆ Face to face EN 558-1 Series 20 (DIN 3202).
- ◆ Flanges EN 1092 (DIN 2501).
- ◆ ISO-TOP flange according to 5211.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized

Integrated Logistics Support (ILS):

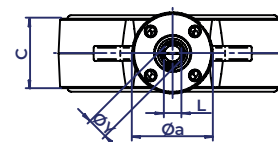
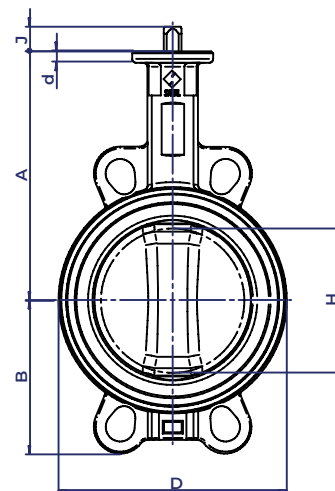
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-400
Nominal pressure	PN	10 16
Maximum working pressure, kg/cm ²	Up to 100°C	10 16

MATERIALS

DRAWING	TYPE	BODY	BUTTERFLY	SEATS	STEM
MW-728-N	Wafer	Bronze (Rg10) (DIN 1705)	CuAl10Ni (EN 1982) / C95800	NBR	Stainless Steel 420
MW-728-E	Wafer	Bronze (Rg10) (DIN 1705)	CuAl10Ni (EN 1982) / C95800	EPDM	Stainless Steel 420



- ◆ Hydraulic tightness and sealing test according to EN 12266-1
100% Valves tested.

DIMENSIONS

DN	Flange	A	B	C	D	H	J	L	ØY	Øa	d	ISO Top Flange	Torque 10/16*	Weight	Code
mm	PN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		[Nm]	[kg]	SAVAL
32	10/16	130	55	33	110	26	16,5	11	13	65	10	F05	10/16	2	SDMW728YX20516032
40	10/16	130	55	33	110	26	16,5	11	13	65	10	F05	10/16	2	SDMW728YX20516040
50	10/16	135	63	43	123	29,5	16,5	11	13	65	10	F05	12/17	2,5	SDMW728YX20516050
65	10/16	150	72	46	137	49	16,5	11	13	65	10	F05	22/26	3,5	SDMW728YX20516065
80	10/16	160	91	46	148	67,5	19,5	11	13	65	10	F05	25/30	4	SDMW728YX20516080
100	10/16	180	106	52	160	86,5	19,5	11	13	65	10	F05	45/55	5,5	SDMW728YX20516100
125	10/16	196	121	56	180	113,5	19,5	14	17	65	10	F05	74/86	7	SDMW728YX20516125
150	10/16	210	133	56	206	142	19,5	14	17	90	12	F07	95/115	8,5	SDMW728YX20716150
200	10/16	240	164	60	261	191,5	24,5	17	21	90	12	F07	143/215	13	SDMW728YX20716200
250	10/16	275	199	68	318	240	29,5	22	26,5	125	15	F10	272/350	22	SDMW728YX21016250
300	10/16	310	233	78	372	289	29,5	22	26,5	125	15	F10	395/565	32	SDMW728YX21016300
350	10/16	335	258	78	421	329,5	29,5	22	26,5	150	17	F12	500/955	43,5	SDMW728YX21216350
400	10/16	365	307	102	471	381	36,5	27	33	175	18	F14	700/1000	58,5	SDMW728YX21416400

*Operating torques for EPDM, water at 20°C, and optimal assembly conditions. For other elastomers, this may vary significantly.

Y = 1 Rilsan Z = 1 EPDM
2 Without paint 2 NBR *more options available

BUTTERFLY VALVE

Wafer. Bronze PN 10/16

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APPLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene-propylene thermopolymer ENB	Black	Mineral acid solutions, alkaline solutions of mineral bases, organic salt dissolutions, alcohols, water and seawater.	Not recommended for organic hydrocarbons.	- 20° / 90°
NBR	Acrylonitrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic hydrocarbons, animal fats, vegetable fats, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 90°
FPM (VITON)	Hexafluoropropylene vinylidene fluoride copolymer	Black	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (up to 130°C), unleaded gasoline, ketones, amines, Freon-22.	- 5° / 200°
STEAM SILICONE		Grey	Steam and super heated water.	Hydrocarbons, strong acids, and strong bases.	- 55° / 140°

* Other materials under request (white EPDM, Flucastr, white Viton...)

VALVE ACTUATION

Type	Our butterfly valves can be operated by any of the following types of actuators
Free Shaft	Ready to be actuated according to ISO TOP 5211.
Manual operation	Lever, handwheel, worm gear.
Pneumatic actuation	Quarter turn actuators, double acting or spring return. Linear cylinders, double acting or spring return.
Hydraulic actuation	Linear, double acting or spring return
Electric actuation	Electric actuators.

BUTTERFLY VALVE

Wafer. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 593 / ISO 10631.
- ◆ Face to face EN 558-1 Series 20 (DIN 3202).
- ◆ Flanges EN 1092 (DIN 2501).
- ◆ ISO-TOP flange according to 5211.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-400	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16

MATERIALS

DRAWING	TYPE	BODY	BUTTERFLY	SEATS	STEM
MW-626-N	Wafer	AISI 316 (ASTM 351/351M CF8M)	AISI 316 (ASTM 351/351M CF8M)	NBR	Stainless Steel 420
MW-626-E	Wafer	AISI 316 (ASTM 351/351M CF8M)	AISI 316 (ASTM 351/351M CF8M)	EPDM	Stainless Steel 420

DIMENSIONS

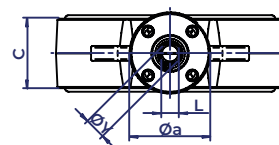
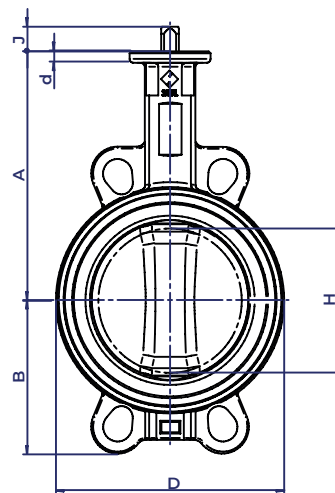
DN	Flanges	A	B	C	D	H	J	L	ØY	Øa	d	ISO Top	Torque 10/16*	Weight	Code
mm	PN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Flange	[Nm]	[kg]	SAVAL
32	10/16	130	55	33	110	26	16,5	11	13	65	10	F05	10/16	1,5	SDMW626YZ20516032
40	10/16	130	55	33	110	26	16,5	11	13	65	10	F05	10/16	1,5	SDMW626YZ20516040
50	10/16	135	63	43	123	29,5	16,5	11	13	65	10	F05	12/17	2,5	SDMW626YZ20516050
65	10/16	150	72	46	137	49	16,5	11	13	65	10	F05	22/26	3	SDMW626YZ20516065
80	10/16	160	91	46	148	67,5	19,5	11	13	65	10	F05	25/30	3,5	SDMW626YZ20516080
100	10/16	180	106	52	160	86,5	19,5	11	13	65	10	F05	45/55	5	SDMW626YZ20516100
125	10/16	196	121	56	180	113,5	19,5	14	17	65	10	F05	74/86	6,5	SDMW626YZ20516125
150	10/16	210	133	56	206	142	19,5	14	17	90	12	F07	95/115	8	SDMW626YZ20716150
200	10/16	240	164	60	261	191,5	24,5	17	21	90	12	F07	143/215	12,6	SDMW626YZ20716200
250	10/16	275	199	68	318	240	29,5	22	26,5	125	15	F10	272/350	21,5	SDMW626YZ21016250
300	10/16	310	233	78	372	289	29,5	22	26,5	125	15	F10	395/565	30,5	SDMW626YZ21016300
350	10/16	335	258	78	421	329,5	29,5	22	26,5	150	17	F12	500/955	42	SDMW626YZ21216350
400	10/16	365	307	102	471	381	36,5	27	33	175	18	F14	700/1000	57	SDMW626YZ21416400

*Operating torques for EPDM, water at 20°C, and optimal assembly conditions. For other elastomers, this may vary significantly.

Y = 2 Without paint

Z = 1 EPDM

2 NBR *more options available



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

BUTTERFLY VALVE

Wafer. Stainless Steel PN 10/16

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APPLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene-propylene thermopolymer ENB	Black	Mineral acid solutions, alkaline solutions of mineral bases, organic salt dissolutions, alcohols, water and seawater.	Not recommended for organic hydrocarbons.	- 20° / 90°
NBR	Acrylonitrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic hydrocarbons, animal fats, vegetable fats, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 90°
FPM (VITON)	Hexafluorpropylene vinylidene fluoride copolymer	Black	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (up to 130°C), unleaded gasoline, ketones, amines, Freon-22.	- 5° / 200°
STEAM SILICONE		Grey	Steam and super heated water.	Hydrocarbons, strong acids, and strong bases.	- 55° / 140°

* Other materials under request (white EPDM, Flucastr, white Viton...)

VALVE ACTUATION

Type	Our butterfly valves can be operated by any of the following types of actuators
Free Shaft	Ready to be actuated according to ISO TOP 5211.
Manual operation	Lever, handwheel, worm gear.
Pneumatic actuation	Quarter turn actuators, double acting or spring return. Linear cylinders, double acting or spring return.
Hydraulic actuation	Linear, double acting or spring return
Electric actuation	Electric actuators.

BUTTERFLY VALVE

Wafer. Nodular Cast Iron PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 593 / ISO 10631.
- ◆ Face to face EN 558-1 Serie 20 (DIN 3202).
- ◆ Flanges EN 1092 (DIN 2501).
- ◆ ISO-TOP flange according to 5211.

OPTIONAL CHARACTERISTICS

- ◆ Possibility to be motorized

Integrated Logistics Support (ILS):

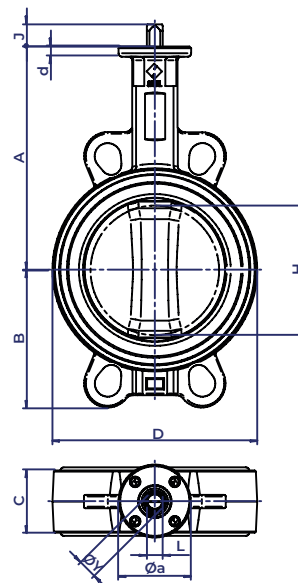
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-400	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16

MATERIALS

DRAWING	TYPE	BODY	BUTTERFLY	SEATS	STEM
MW-404-N	Wafer	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	NBR	Stainless Steel 420
MW-404-E	Wafer	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	EPDM	Stainless Steel 420
MW-406-N	Wafer	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	AISI 316 (ASTM 351/351M CF8M)	NBR	Stainless Steel 420
MW-406-E	Wafer	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	AISI 316 (ASTM 351/351M CF8M)	EPDM	Stainless Steel 420
MW-408-N	Wafer	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	CuAl10Ni (EN 1982)	NBR	Stainless Steel 420
MW-408-E	Wafer	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	CuAl10Ni (EN 1982)	EPDM	Stainless Steel 420



- ◆ Hydraulic tightness and sealing test according to EN 12266-1
100% Valves tested.

DIMENSIONS

DN	Flanges	A	B	C	D	H	J	L	ØY	Øa	d	ISO Top Flange	Torque 10/16*	Weight	Code
mm	PN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		[Nm]	[kg]	SAVAL
32	10/16	130	55	33	110	26	16,5	11	13	65	10	F05	10/16	1,5	SDMWxxxYZ20516032
40	10/16	130	55	33	110	26	16,5	11	13	65	10	F05	10/16	1,5	SDMWxxxYZ20516040
50	10/16	135	63	43	123	29,5	16,5	11	13	65	10	F05	12/17	2,5	SDMWxxxYZ20516050
65	10/16	150	72	46	137	49	16,5	11	13	65	10	F05	22/26	3	SDMWxxxYZ20516065
80	10/16	160	91	46	148	67,5	19,5	11	13	65	10	F05	25/30	3,5	SDMWxxxYZ20516080
100	10/16	180	106	52	160	86,5	19,5	11	13	65	10	F05	45/55	5	SDMWxxxYZ20516100
125	10/16	196	121	56	180	113,5	19,5	14	17	65	10	F05	74/86	6	SDMWxxxYZ20516125
150	10/16	210	133	56	206	142	19,5	14	17	90	12	F07	95/115	7,5	SDMWxxxYZ20716150
200	10/16	240	164	60	261	191,5	24,5	17	21	90	12	F07	143/215	12	SDMWxxxYZ20716200
250	10/16	275	199	68	318	240	29,5	22	26,5	125	15	F10	272/350	20	SDMWxxxYZ21016250
300	10/16	310	233	78	372	289	29,5	22	26,5	125	15	F10	395/565	28,5	SDMWxxxYZ21016300
350	10/16	335	258	78	421	329,5	29,5	22	26,5	150	17	F12	500/955	39	SDMWxxxYZ21216350

*Operating torques for EPDM, water at 20°C, and optimal assembly conditions. For other elastomers, this may vary significantly.

Y = 1 Rilsan Z = 1 EPDM
2 Without paint 2 NBR *more options available

BUTTERFLY VALVE

Wafer. Nodular Cast Iron PN 10/16

DIMENSIONS

DN	Flanges	A	B	C	D	H	J	L	ØY	Øa	d	ISO Top Flange	Torque 10/16*	Weight	Code
mm	PN	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		[Nm]	[kg]	SAVAL
400	10/16	365	307	102	471	381	36,5	27	33	175	18	F14	700/1000	53	SDMWxxxYZ21416400
450	10	405	375	114	532	435	41	36	48	175	18	F14	1455	83	SDMWxxxYZ21410450
450	16	405	375	114	532	435	41	36	48	175	18	F14	1955	82,5	SDMWxxxYZ21416450
500	10	440	405	127	578	480	38	36	48	175	18	F14	1805	104,5	SDMWxxxYZ21410500
500	16	440	405	127	578	480	38	36	48	175	18	F14	2510	103,5	SDMWxxxYZ21416500
600	10	530	468	154	695	575	49	46	58	210	24	F16	3460	179	SDMWxxxYZ21610600
600	16	530	468	154	695	575	49	46	58	210	24	F16	3860	178	SDMWxxxYZ21616600

*Operating torques for EPDM, water at 20°C, and optimal assembly conditions. For other elastomers, this may vary significantly.

Y = 1 Rilsan Z = 1 EPDM
2 Without paint 2 NBR *more options available

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APPLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene-propylene thermopolymer ENB	Black	Mineral acid solutions, alkaline solutions of mineral bases, organic salt dissolutions, alcohols, water and seawater.	Not recommended for organic hydrocarbons.	- 20° / 90°
NBR	Acrylonitrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic hydrocarbons, animal fats, vegetable fats, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 90°
FPM (VITON)	Hexafluorpropylene vinylidene flouride copolymer	Black	Acids, fats, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (up to 130°C), unleaded gasoline, ketones, amines, Freon-22.	- 5° / 200°
STEAM SILICONE		Grey	Steam and super heated water.	Hydrocarbons, strong acids, and strong bases.	- 55° / 140°

* Other materials under request (white EPDM, Flucast, white Viton...)

VALVE ACTUATION

Type	Our butterfly valves can be operated by any of the following types of actuators
Free shaft	Ready to be actuated according to ISO TOP 5211.
Manual operation	Lever, handwheel, worm gear.
Pneumatic actuation	Quarter turn actuators, double acting or spring return. Linear cylinders, double acting or spring return.
Hdraulic actuation	Linear, double acting or spring return
Electric actuation	Electric actuators.



BALL VALVES

BALL VALVE

3 Way. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ Ball valve body. Full bore UNE EN 13547
- ◆ Flange spacing EN 558-1 Series 2 (DIN 3202 F2).
- ◆ Flanges according to EN 1092.
- ◆ Prepared for mounting ISO TOP 5211 actuator.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

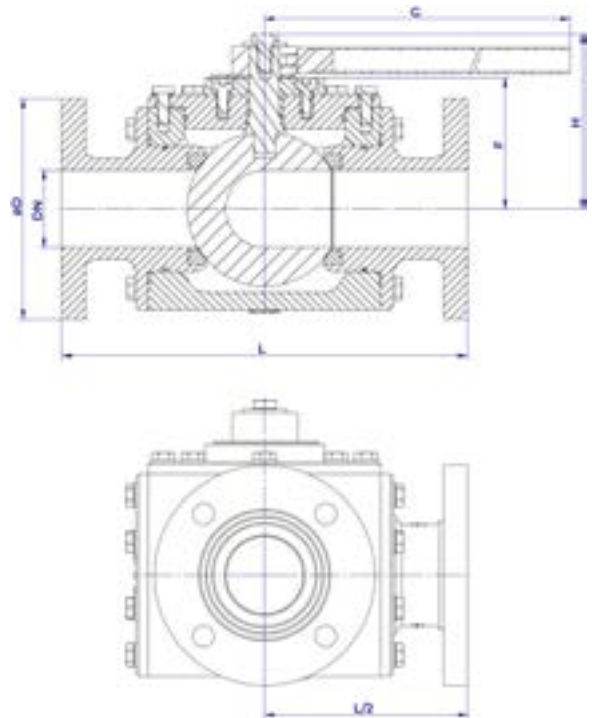
WORKING CONDITIONS

Size	DN	25-100	
Nominal pressure	PN	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	16	10

MATERIALS

DRAWING	BODY	BALL	PACKING	SEAT	STEM	SCREWS	LEVER
TV-706	Bronze (Rg10) (DIN 1705)	Stainless S. A316 (EN10088/DIN17440)	PTFE+GRF	PTFE	Stainless S. A316	Stainless S. A4	Stainless S.
TV-708	Bronze (Rg10) (DIN 1705)	BrNiAl	PTFE+GRF	PTFE	CuAl10Ni	Stainless S. A4	Stainless S.

- ◆ Hydraulic tightness and sealing test according to EN 12266-1.
100% Valves tested.



DIMENSIONS

DN	ØD	L	F	H	G	Top Flange	Torque (Nm)	Weight [kg]	Code SAVAL
25*	115	230	-	-	-	F05	22	-	SDBFxxxTVYY16025
32*	140	260	-	-	-	F05	36	-	SDBFxxxTVYY16032
40	150	260	90	165,5	353	F07	50	30,5	SDBFxxxTVYY16040
50	165	300	105	182,5	353	F07	70	43	SDBFxxxTVYY16050
65	185	340	110	136,5	460	F07	85	62,5	SDBFxxxTVYY16065
80	200	380	121	147,5	750	F10	130	85	SDBFxxxTVYY16080
100	220	430	144	171	750	F10	165	127,5	SDBFxxxTVYY16100

*Upon request
xxx = drawing number
4 way valve option available.

YY = LM Ball in L and motorised
TM Ball in T and motorised

BALL VALVE

2 Way. Flanged. Bronze. Drill ANSI B16.10 150Lbs

CHARACTERISTICS

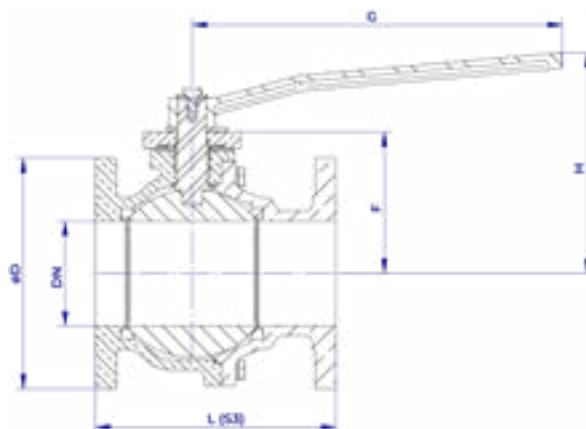
Design:

- ◆ Two-piece body. Full bore UNE EN 13547.
- ◆ Flange spacing EN 558-1 Series 3 (ANSI B16.10 150Lbs).
- ◆ Flanges according to ANSI B16.5.
- ◆ Prepared for ISO TOP 5211 actuator.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).



WORKING CONDITIONS

Size	DN	15-100	
Nominal pressure	PN	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	16	10

MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	BODY	BALL	SEAT	STEM	SCREWS	LEVER
BF-708-S3	Bronze (Rg10) (DIN 1705)	BrNiAl	PTFE	CuAl10Ni	Stainless S. A4	Stainless S.

DIMENSIONS

DN	ØD	L(S3)	F	H	G	Top Flange	Torque (Nm)	Weight [kg]	Code SAVAL
15	95	108	48	100,5	181,5	F05	8	5	SDBF7082AS315015
20	105	117	58	111	181,5	F05	10	7	SDBF7082AS315020
25	115	127	62	115	181,5	F05	15	8	SDBF7082AS315025
32	140	140	68	120	181,5	F05	20	10	SDBF7082AS315032
40	150	165	81	142	216	F07	30	10	SDBF7082AS315040
50	165	178	89	150	216	F07	45	13,5	SDBF7082AS315050
65	185	190	101	162	216	F07	55	18	SDBF7082AS315065
80	200	203	121	197	353	F10	85	25,5	SDBF7082AS315080
100	220	229	134	210	353	F10	110	33,5	SDBF7082AS315100

BALL VALVE

2 Way. Flanged. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ Two-piece body. Full bore UNE EN 13547.
- ◆ Flange spacing EN 558-1 Series 14 (DIN 3202 F4).
- ◆ Flanges according to EN 1092.
- ◆ Prepared for ISO TOP 5211 actuator.

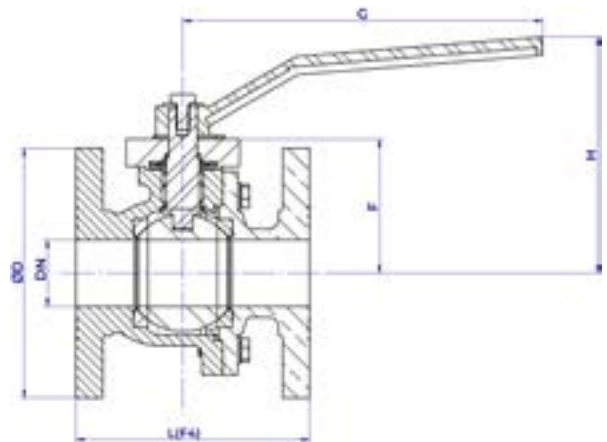
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-100	
Nominal pressure	PN	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	16	10



MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	BODY	BALL	SEAT	STEM	SCREWS	LEVER
BF-706	Bronze (Rg10) (DIN 1705)	Stainless S. A316 (EN10088/DIN17440)	PTFE	Stainless S. (AISI316)	Stainless S. A4	Stainless S.
BF-708	Bronze (Rg10) (DIN 1705)	BrNiAl	PTFE	CuAl10Ni	Stainless S. A4	Stainless S.

DIMENSIONS

DN	ØD	L(F4)	F	H	G	Top Flange	Torque	Weight	Code
mm	mm	mm	mm	mm	mm			[kg]	SAVAL
15	95	115	48	100,5	181,5	F05	8	4	SDBFxxx2AF415015
20	105	120	58	111	181,5	F05	10	5	SDBFxxx2AF415020
25	115	125	62	115	181,5	F05	15	6	SDBFxxx2AF415025
32	140	130	68	120	181,5	F05	20	7,5	SDBFxxx2AF415032
40	150	140	81	142	216	F07	30	10	SDBFxxx2AF415040
50	165	150	89	150	216	F07	45	13,5	SDBFxxx2AF415050
65	185	170	101	162	216	F07	55	17	SDBFxxx2AF415065
80	200	180	121	197	353	F10	85	25	SDBFxxx2AF415080
100	220	190	134	210	353	F10	110	32	SDBFxxx2AF415100

xxx = drawing number

BALL VALVE

2 Way. Flanged. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ Two-piece body. Full bore UNE EN 1983:2014
- ◆ Flange spacing EN 558-1 Serie 14 (DIN 3202 F4)
- ◆ Flanges according to EN 1092.
- ◆ Prepared for ISO TOP 5211 actuator.

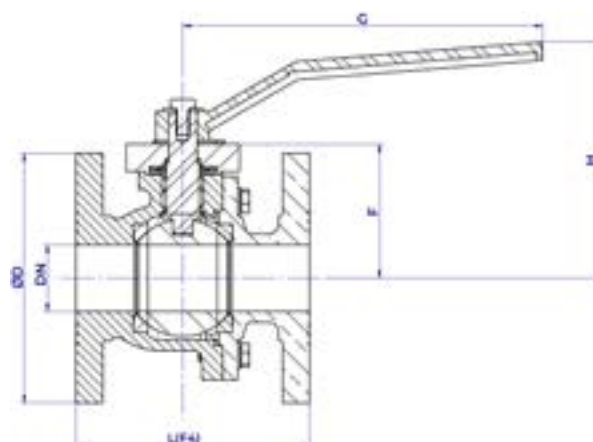
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-100
Nominal pressure	PN	10 16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4 15



MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	BODY	BALL	SEATS	BODY ENDS	BOLTING	LEVER
BF-206	Mild Steel (GS-C-25) (EN10213/DIN17245)	Stainless Steel A316 (EN10088/DIN17440)	PTFE	Stainless Steel (AISI 316)	Stainless Steel A4	Stainless Steel

DIMENSIONS

DN	ØD	L	F	H	G	ISO Top Flange	Torque	Weight BF-206 [kg]	Code
mm	mm	mm	mm	mm	mm				SAVAL
15	95	115	48	100,5	181,5	F05	8	3,5	SDBF2062AF416015
20	105	120	58	111	181,5	F05	10	4,5	SDBF2062AF416020
25	115	125	62	115	181,5	F05	15	5,5	SDBF2062AF416025
32	140	130	68	120	181,5	F05	20	7	SDBF2062AF416032
40	150	140	81	142	216	F07	30	9,5	SDBF2062AF416040
50	165	150	89	150	216	F07	45	12,5	SDBF2062AF416050
65	185	170	101	162	216	F07	55	16,5	SDBF2062AF416065
80	200	180	121	197	353	F10	85	24	SDBF2062AF416080
100	220	190	134	210	353	F10	100	30,5	SDBF2062AF416100

BALL VALVE

2 Way. Flanged. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ Two-piece body. Full bore UNE EN 1983:2014
- ◆ Flange spacing EN 558-1 Series 14 (DIN 3202 F4).
- ◆ Flanges according to EN 1092.
- ◆ Prepared for ISO TOP 5211 actuator.

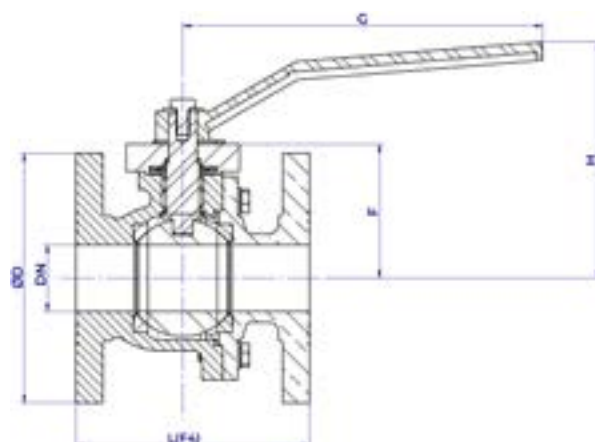
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-100
Nominal pressure	PN	10 16
Maximum working pressure, kg/cm ²	Up to 100°C	9,5 15,2



MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	BODY	BALL	SEATS	BODY ENDS	BOLTING	LEVER
BF-606	Stainless Steel (AISI316)	Stainless Steel A316 (EN10088/DIN17440)	PTFE	Stainless Steel (AISI 316)	Stainless Steel A4	Stainless Steel

DIMENSIONS

DN	ØD	L	F	H	G	ISO Top Flange	Torque	Weight BF-606 [kg]	Code
mm	mm	mm	mm	mm	mm				SAVAL
15	95	115	48	100,5	181,5	F05	8	3,5	SDBF6062AF416015
20	105	120	58	111	181,5	F05	10	4,5	SDBF6062AF416020
25	115	125	62	115	181,5	F05	15	5,5	SDBF6062AF416025
32	140	130	68	120	181,5	F05	20	7	SDBF6062AF416032
40	150	140	81	142	216	F07	30	9,5	SDBF6062AF416040
50	165	150	89	150	216	F07	45	12,5	SDBF6062AF416050
65	185	170	101	162	216	F07	55	16,5	SDBF6062AF416065
80	200	180	121	197	353	F10	85	24	SDBF6062AF416080
100	220	190	134	210	353	F10	100	30,5	SDBF6062AF416100

BALL VALVE

2 - Way - Socket Weld. Bronze. PN 25

CHARACTERISTICS

Design:

- ◆ Three-piece body. Full bore UNE EN 13547.
- ◆ Welded connection UNE-EN 13547:2014

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

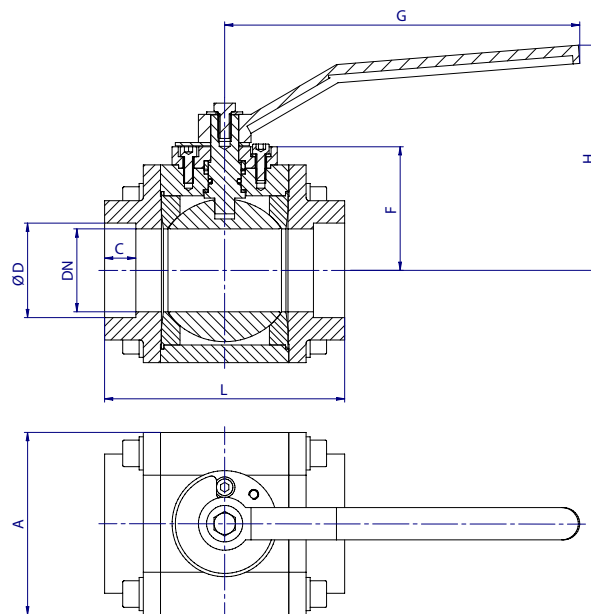
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	8-50
Nominal pressure	PN	25
Maximum working pressure, kg/cm ²	Up to 100°	25

MATERIALS

DRAWING	BODY	BALL	STEM	SEAT	BODY ENDS	BOLTING	LEVER
BW-806	Bar CuAl10Ni	Stainless S. A316 (EN10088/DIN17440)	CuAl10Ni	PTFE	CuAl10Ni	Stainless S. A4	Stainless S.
BW-808	Bar CuAl10Ni	BrNiAl	CuAl10Ni	PTFE	CuAl10Ni	Stainless S. A4	Stainless S.



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DIMENSIONS

DN		ØD	A	L	C (min)	H	F	Top Flange	G	Torque	Weight	Code
Inches	mm	mm	mm	mm	mm	mm	mm		mm	(Nm)	[kg]	
1/4	8	12	56	72	10	92	39	F03	181	8	1,7	SDBFxxxN3ASW25008
3/8	10	16	56	72	10	92	39	F03	181	8	1,7	SDBFxxxN3ASW25010
1/2	15	20	56	72	10	92	39	F03	181	8	1,7	SDBFxxxN3ASW2501520
3/4	20	25	56	81	13	92	39	F03	181	10	1,8	SDBFxxxN3ASW25020
1	25	30	68	85	13	98	45	F03	181	15	2,5	SDBFxxxN3ASW25025
1 1/4	32	38	80	96	13	103,5	51	F03	181	20	3,6	SDBFxxxN3ASW25032
1 1/2	40	44,5	100	118	13	129	68	F05	216	30	6,3	SDBFxxxN3ASW25040
2	50	57	110	141	16	136	75	F05	216	45	10	SDBFxxxN3ASW25050

xxx = drawing number

BALL VALVE

2 - Way - Socket Weld. Mild Steel PN 40

CHARACTERISTICS

Design:

- ◆ Three-piece body. Full bore UNE EN 13547.
- ◆ Welded connection UNE-EN 13547:2014

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

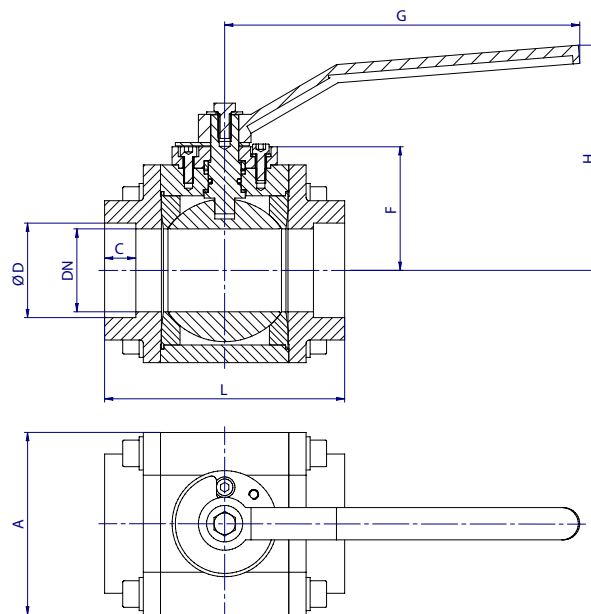
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	8-50
Nominal pressure	PN	40
Maximum working pressure, kg/cm ²	Up to 100°C	40

MATERIALS

DRAWING	BODY	BALL	STEM	SEATS	BODY ENDS	BOLTING	LEVER
BW-206	Mild Steel A150/P355	Stainless Steel (AISI 316)	Stainless Steel (AISI 316)	PTFE	Mild Steel A105/P355	Stainless Steel A4	Stainless Steel AISI304



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DIMENSIONS

DN		ØD	A	L	C (min)	H	M	Top Flange	G	Torque	Weight	Code
Inches	mm	mm	mm	mm	mm	mm	mm		mm	(Nm)	[kg]	
1/4	8	14,1	56	72	10	92	39	F03	181	8	1,7	SDBF206N3ASW40008
3/8	10	17,6	56	72	10	92	39	F03	181	8	1,7	SDBF206N3ASW40010
1/2	15	21,8	56	72	10	92	39	F03	181	8	1,7	SDBF206N3ASW4001520
3/4	20	27,1	56	81	13	93	39	F03	181	10	1,8	SDBF206N3ASW40020
1	25	33,8	68	85	13	98	45	F03	181	15	2,5	SDBF206N3ASW40025
1 1/4	32	42,5	80	96	13	103,5	51	F03	181	20	3,6	SDBF206N3ASW40032
1 1/2	40	48,5	100	118	13	129	68	F05	216	30	6,5	SDBF206N3ASW40040
2	50	57	110	146	19	136	75	F05	216	45	9	SDBF206N3ASW40050

BALL VALVE

2 - Way - Socket Weld. Stainless Steel. PN 40

CHARACTERISTICS

Design:

- ◆ Three-piece body. Full bore UNE EN 13547.
- ◆ Welded connection UNE-EN 13547:2014

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

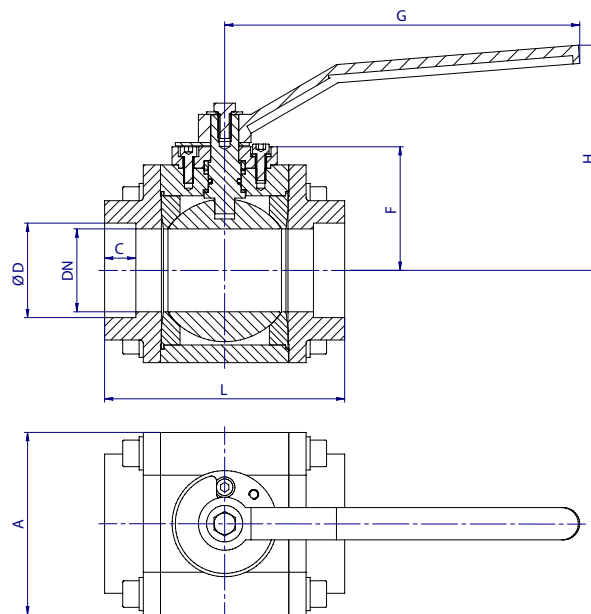
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	8-50
Nominal pressure	PN	40
Maximum working pressure, kg/cm ²	Up to 100°C	38,1

MATERIALS

DRAWING	BODY	BALL	STEM	SEATS	BODY ENDS	BOLTING	LEVER
BW-606	Stainless Steel (AISI 316)	Stainless Steel (AISI 316)	Stainless Steel (AISI 316)	PTFE	Stainless Steel (AISI 316)	Stainless Steel A4	Stainless Steel AISI304



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DIMENSIONS

DN		ØD	A	L	C (min)	H	F	Top Flange	G	Torque	Weight	Code
Inches	mm	mm	mm	mm	mm	mm	mm		mm	(Nm)	[kg]	SAVAL
1/4	8	14,1	56	72	10	92	39	F03	181	8	1,7	SDBF606N3ASW40008
1/2	15	21,7	56	72	10	92	39	F03	181	8	1,7	SDBF606N3ASW4001520
3/4	20	27,1	56	81	13	93	39	F03	181	10	1,8	SDBF606N3ASW40020
1	25	33,8	68	85	13	98	45	F03	181	15	2,5	SDBF606N3ASW40025
1 1/4	32	42,5	80	96	13	103,5	51	F03	181	20	3,6	SDBF606N3ASW40032
1 1/2	40	48,6	100	118	13	129	68	F05	216	30	6,5	SDBF606N3ASW40040
2	50	57	110	146	19	136	75	F05	216	45	9	SDBF606N3ASW40050



SAFETY VALVES

SAFETY VALVE

Straight. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanged according to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).
- ◆ Pressure setting according to the customer's needs.

WORKING CONDITIONS

Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16

MATERIALS

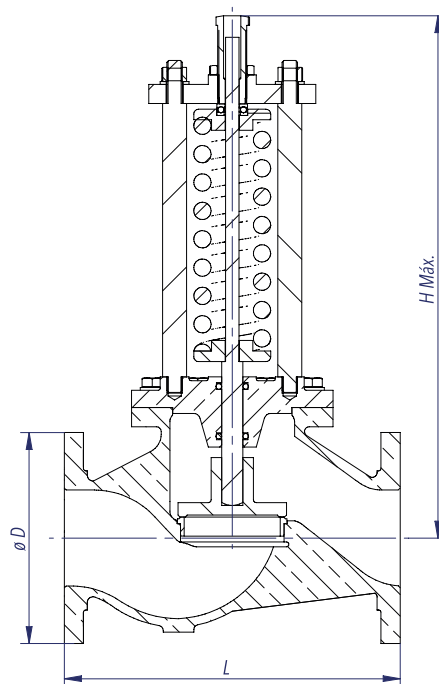
DRAWING	BODY/BONNET	DISC	BODY SEAT RINGS	SCREWS
S-707	Bronze (Rg10) (DIN 1705)	Bronze (Rg10) (DIN 1705)	Bronze (Rg10) (DIN 1705)	Stainless S. A4
S-708	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN1982/DIN1714)	CuAl10Fe5Ni5 (EN1982/DIN1714)	Stainless S. A4

DIMENSIONS

DN	ØD	L	Pressure adjustment range	H Max	Weight	Code
mm	PN	mm	bar	mm	[kg]	SAVAL
15	95	130	02-05/06-09/10-16/17-25	275/275/275/275	7,5	SDSExxxYYYY16015
20	105	150	02-05/06-09/10-16/17-25	280/280/280/280	8	SDSExxxYYYY16020
25	115	160	02-05/06-09/10-16/17-25	285/285/285/315	9	SDSExxxYYYY16025
32	140	180	02-07/08-12/13-25	325/325/385	13,5	SDSExxxYYYY16032
40	150	200	02-05/06-09/10-16/17-25	330/385/385/385	14	SDSExxxYYYY16040
50	165	230	02-05/06-09/10-16/17-25	335/395/395/435	17	SDSExxxYYYY16050
65	185	290	02-06/07-16/17-25	395/395/520	34	SDSExxxYYYY16065
80	200	310	02-05/06-09/10-16/17-25	400/400/525/520	40	SDSExxxYYYY16080
100	220	350	02-06/07-10/11-16	425/550/550	49	SDSExxxYYYY16100
125	250	400	02-06/07-12/13-16	605/690/910	101	SDSExxxYYYY16125
150	285	480	02-04/05-08/09-16	625/720/945	130	SDSExxxYYYY16150

xxx = drawing number

YYYY = pressure adjustment range



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

SAFETY VALVE

Straight. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanged according to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

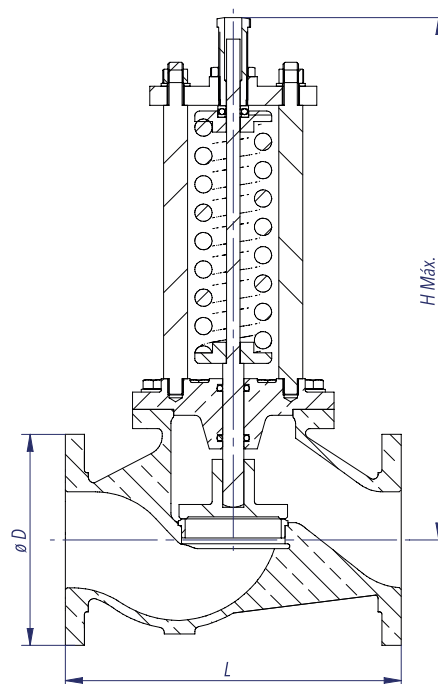
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).
- ◆ Pressure setting according to the customer's needs.

WORKING CONDITIONS

Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15

MATERIALS

DRAWING	BODY/BONNET	DISC	BODY SEAT RINGS	SCREWS
S-200	Mild Steel (GS-C 25) (EN10213/DIN 17245)	Bronze (Rg5) (DIN 1705)	Bronze (Rg5) (DIN 1705)	Mild Steel 8.8
S-202	Mild Steel (GS-C 25) (EN10213/DIN 17245)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8



- ◆ Hydraulic tightness and sealing test according to EN 12266-1.
100% Valves tested.

DIMENSIONS

DN	ØD	L	Pressure adjustment range	H Max	Weight	Code
mm	PN	mm	bar	mm	[kg]	SAVAL
15	95	130	02-05/06-09/10-16/17-25	275/275/275/275	7	SDSExxxYYYY16015
20	105	150	02-05/06-09/10-16/17-25	280/280/280/280	7,5	SDSExxxYYYY16020
25	115	160	02-05/06-09/10-16/17-25	285/285/285/315	8	SDSExxxYYYY16025
32	140	180	02-07/08-12/13-25	325/325/385	13	SDSExxxYYYY16032
40	150	200	02-05/06-09/10-16/17-25	330/385/385/385	13,5	SDSExxxYYYY16040
50	165	230	02-05/06-09/10-16/17-25	335/395/395/435	16,5	SDSExxxYYYY16050
65	185	290	02-06/07-16/17-25	395/395/520	32	SDSExxxYYYY16065
80	200	310	02-05/06-09/10-16/17-25	400/400/525/520	37	SDSExxxYYYY16080
100	220	350	02-06/07-10/11-16	425/550/550	45,5	SDSExxxYYYY16100
125	250	400	02-06/07-12/13-16	605/690/910	95	SDSExxxYYYY16125
150	285	480	02-04/05-08/09-16	625/720/945	121	SDSExxxYYYY16150

xxx = drawing number

YYYY = pressure adjustment range

SAFETY VALVE

Straight. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanged according to EN 1092.

OPTIONAL CHARACTERISTICS

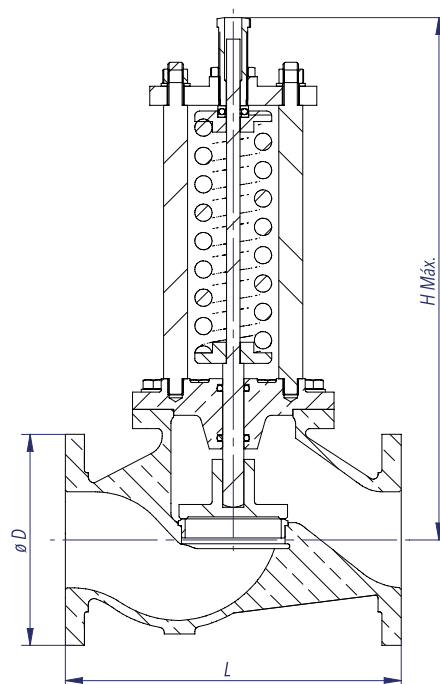
Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).
- ◆ Pressure setting according to the customer's needs.

WORKING CONDITIONS

Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2

MATERIALS



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	BODY/BONNET	DISC	BODY SEAT RINGS	SCREWS
S-606	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A4

DIMENSIONS

DN	ØD	L	Pressure adjustment range	H Max	Weight	Code
mm	PN	mm	bar	mm	[kg]	SAVAL
15	95	130	02-05/06-09/10-16/17-25	275/275/275/275	7	SDSE606YYYY16015
20	105	150	02-05/06-09/10-16/17-25	280/280/280/280	7,5	SDSE606YYYY16020
25	115	160	02-05/06-09/10-16/17-25	285/285/285/315	8	SDSE606YYYY16025
32	140	180	02-07/08-12/13-25	325/325/385	13	SDSE606YYYY16032
40	150	200	02-05/06-09/10-16/17-25	330/385/385/385	13,5	SDSE606YYYY16040
50	165	230	02-05/06-09/10-16/17-25	335/395/395/435	16,5	SDSE606YYYY16050
65	185	290	02-06/07-16/17-25	395/395/520	32	SDSE606YYYY16065
80	200	310	02-05/06-09/10-16/17-25	400/400/525/520	37	SDSE606YYYY16080
100	220	350	02-06/07-10/11-16	425/550/550	45,5	SDSE606YYYY16100
125	250	400	02-06/07-12/13-16	605/690/910	95	SDSE606YYYY16125
150	285	480	02-04/05-08/09-16	625/720/945	121	SDSE606YYYY16150

YYYY = pressure adjustment range

SAFETY VALVE

Angle. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanged according to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

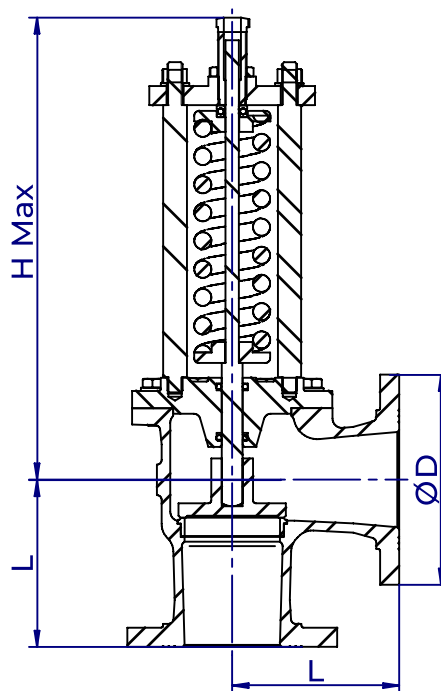
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).
- ◆ Pressure setting according to the customer's needs.

WORKING CONDITIONS

Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16

MATERIALS

DRAWING	BODY/BONNET	DISC	BODY SEAT RINGS	SCREWS
S-717	Bronze (Rg10) (DIN 1705)	Bronze (Rg10) (DIN 1705)	Bronze (Rg10) (DIN 1705)	Stainless S. A4
S-718	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN1982/DIN1714)	CuAl10Fe5Ni5 (EN1982/DIN1714)	Stainless S. A4



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DIMENSIONS

DN	ØD	L	Pressure adjustment range	H Max	Weight	Code
mm	PN	mm	bar	mm	[kg]	SAVAL
15	95	**	02-05/06-09/10-16/17-25	260/260/260/260	7	SDSExxxYYYY16015
20	105	**	02-05/06-09/10-16/17-25	260/260/260/260	8	SDSExxxYYYY16020
25	115	**	02-05/06-09/10-16/17-25	260/260/260/285	9	SDSExxxYYYY16025
32	140	105	02-07/08-12/13-25	300/300/360	13,5	SDSExxxYYYY16032
40	150	115	02-05/06-09/10-16/17-25	295/355/360/360	14	SDSExxxYYYY16040
50	165	125	02-05/06-09/10-16/17-25	360/360/360/400	16	SDSExxxYYYY16050
65	185	145	02-06/07-16/17-25	345/345/470	32,5	SDSExxxYYYY16065
80	200	155	02-05/06-09/10-16/17-25	345/345/470/470	36,5	SDSExxxYYYY16080
100	220	175	02-06/07-10/11-16	365/490/490	43,5	SDSExxxYYYY16100
125	250	200	02-06/07-12/13-16	530/615/840	91,5	SDSExxxYYYY16125
150	285	225	02-04/05-08/09-16	630/630/855	112	SDSExxxYYYY16150

xxx = drawing number

**Dimensions on request

YYYY = pressure adjustment range

SAFETY VALVE

Angle. Mild Steel. PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanged according to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

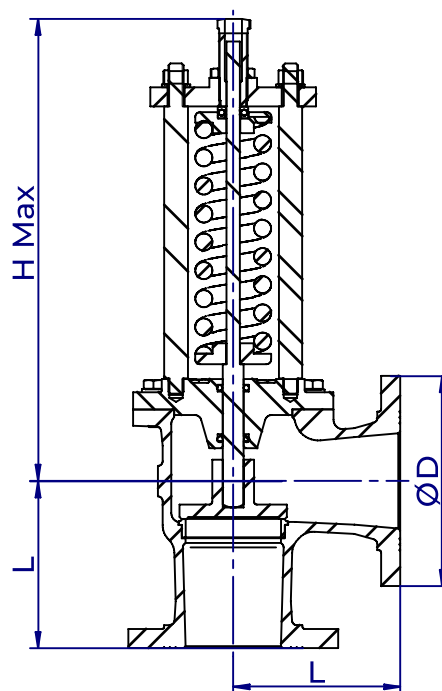
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).
- ◆ Pressure setting according to the customer's needs.

WORKING CONDITIONS

Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15

MATERIALS

DRAWING	BODY/BONNET	DISC	BODY SEAT RINGS	SCREWS
S-210	Mild Steel (GS-C 25) (EN10213/DIN 17245)	Bronze (Rg5) (DIN 1705)	Bronze (Rg5) (DIN 1705)	Mild Steel 8.8
S-212	Mild Steel (GS-C 25) (EN10213/DIN 17245)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DIMENSIONS

DN	ØD	L	Pressure adjustment range	H Max	Weight	Code
mm	PN	mm	bar	mm	[kg]	SAVAL
15	95	**	02-05/06-09/10-16/17-25	260/260/260/260	6	SDSExxxYYYY16015
20	105	**	02-05/06-09/10-16/17-25	260/260/260/260	7	SDSExxxYYYY16020
25	115	**	02-05/06-09/10-16/17-25	260/260/260/285	8	SDSExxxYYYY16025
32	140	105	02-07/08-12/13-25	300/300/360	12,5	SDSExxxYYYY16032
40	150	115	02-05/06-09/10-16/17-25	295/355/360/360	13	SDSExxxYYYY16040
50	165	125	02-05/06-09/10-16/17-25	360/360/360/400	15,5	SDSExxxYYYY16050
65	185	145	02-06/07-16/17-25	345/345/470	30,5	SDSExxxYYYY16065
80	200	155	02-05/06-09/10-16/17-25	345/345/470/470	34	SDSExxxYYYY16080
100	220	175	02-06/07-10/11-16	365/490/490	40,5	SDSExxxYYYY16100
125	250	200	02-06/07-12/13-16	530/615/840	87	SDSExxxYYYY16125
150	285	225	02-04/05-08/09-16	630/630/855	105,5	SDSExxxYYYY16150

xxx = drawing number

**Dimensions on request

YYYY = pressure adjustment range

SAFETY VALVE

Angle. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanged according to EN 1092.

OPTIONAL CHARACTERISTICS

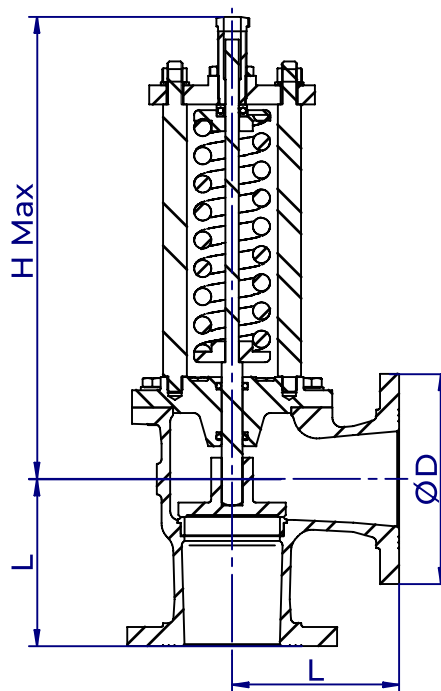
Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).
- ◆ Pressure setting according to the customer's needs.

WORKING CONDITIONS

Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2

MATERIALS



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	BODY/BONNET	DISC	BODY SEAT RINGS	SCREWS
S-616	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A4

DIMENSIONS

DN	ØD	L	Pressure adjustment range	H Max	Weight	Code
mm	PN	mm	bar	mm	[kg]	SAVAL
15	95	**	02-05/06-09/10-16/17-25	260/260/260/260	6	SDSE616YYYY16015
20	105	**	02-05/06-09/10-16/17-25	260/260/260/260	7	SDSE616YYYY16020
25	115	**	02-05/06-09/10-16/17-25	260/260/260/285	8	SDSE616YYYY16025
32	140	105	02-07/08-12/13-25	300/300/360	12,5	SDSE616YYYY16032
40	150	115	02-05/06-09/10-16/17-25	295/355/360/360	13	SDSE616YYYY16040
50	165	125	02-05/06-09/10-16/17-25	360/360/360/400	15,5	SDSE616YYYY16050
65	185	145	02-06/07-16/17-25	345/345/470	30,5	SDSE616YYYY16065
80	200	155	02-05/06-09/10-16/17-25	345/345/470/470	34	SDSE616YYYY16080
100	220	175	02-06/07-10/11-16	365/490/490	40,5	SDSE616YYYY16100
125	250	200	02-06/07-12/13-16	530/615/840	87	SDSE616YYYY16125
150	285	225	02-04/05-08/09-16	630/630/855	105,5	SDSE616YYYY16150

**Dimensions on request

YYYY = pressure adjustment range



CHECK VALVES

PISTON CHECK VALVE

Straight. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789.
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092.

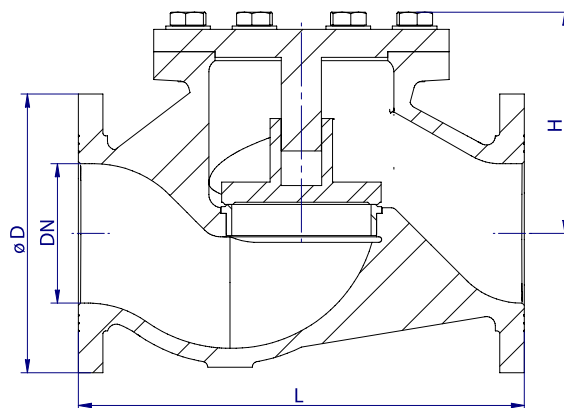
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250		300
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	10	16	10
	Up to 225°C	6,6	10,7	6,6



MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	BODY/BONNET	SEAT	SCREWS
R-708	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	Stainless Steel A4

DIMENSIONS

DN	Flanges	ØD	L	H	Weight	Code
mm	PN	mm	mm	mm	[kg]	SAVAL
15	10/16	95	130	72	4	SDRE708TABR16015
20	10/16	105	150	76	5	SDRE708TABR16020
25	10/16	115	160	81	6	SDRE708TABR16025
32	10/16	140	180	102	10	SDRE708TABR16032
40	10/16	150	200	105	10,5	SDRE708TABR16040
50	10/16	165	230	113	13	SDRE708TABR16050
65	10/16	185	290	135	24	SDRE708TABR16065
80	10/16	200	310	135	29,5	SDRE708TABR16080
100	10/16	220	350	170	37	SDRE708TABR16100
125	10/16	250	400	200	67,5	SDRE708TABR16125
150	10/16	285	480	220	94	SDRE708TABR16150
200	10	340	600	280	168	SDRE708TABR10200
200	16	340	600	280	168	SDRE708TABR16200
250	10	395	730	345	230	SDRE708TABR10250
250	16	405	730	345	230	SDRE708TABR16250
300	10	445	850	360	355	SDRE708TABR10300

PISTON CHECK VALVE

Straight. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789.
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092.

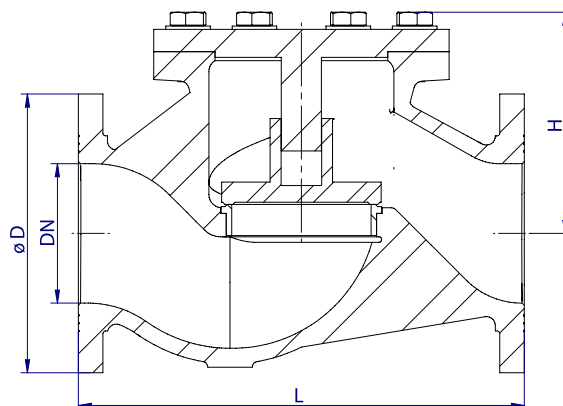
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250		300
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15	9,4
	Up to 225°C	8	12,8	8



- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

MATERIALS

DRAWING	BODY/BONNET	SEAT	SCREWS
R-200	Mild Steel (GS-C25) (EN10213/DIN 17245)	Bronze (Rg5) (DIN 1705)	Mild Steel 8.8
R-202	Mild Steel (GS-C25) (EN10213/DIN 17245)	Stainless Steel (AISI420)	Mild Steel 8.8

DIMENSIONS

DN	Flanges	ØD	L	H	Weight	Code
mm	PN	mm	mm	mm	[kg]	SAVAL
15	10/16	95	130	72	4	SDRExxxTABR16015
20	10/16	105	150	76	4,5	SDRExxxTABR16020
25	10/16	115	160	81	5,5	SDRExxxTABR16025
32	10/16	140	180	102	9,5	SDRExxxTABR16032
40	10/16	150	200	105	10	SDRExxxTABR16040
50	10/16	165	230	113	12	SDRExxxTABR16050
65	10/16	185	290	135	22	SDRExxxTABR16065
80	10/16	200	310	135	27	SDRExxxTABR16080
100	10/16	220	350	170	34	SDRExxxTABR16100
125	10/16	250	400	200	62,5	SDRExxxTABR16125
150	10/16	285	480	220	87	SDRExxxTABR16150
200	10	340	600	280	154	SDRExxxTABR10200
200	16	340	600	280	154	SDRExxxTABR16200
250	10	395	730	345	213	SDRExxxTABR10250
250	16	405	730	345	213	SDRExxxTABR16250
300	10	445	850	360	328	SDRExxxTABR10300

xxx = drawing number

PISTON CHECK VALVE

Straight. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789.
- ◆ Face to face EN 558 series 1 (DIN 3202 F1).
- ◆ Flanges according to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

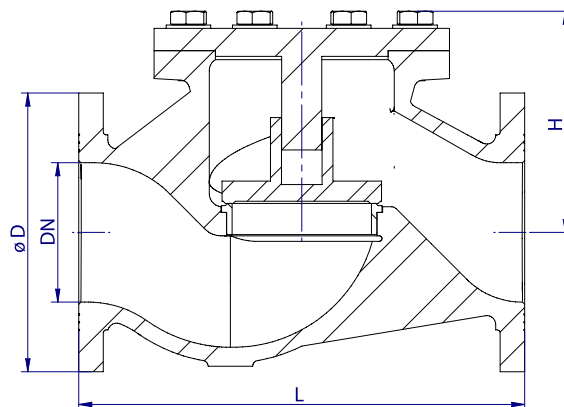
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250		300
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2	9,5
	Up to 225°C	7,3	11,6	7,3

MATERIALS

DRAWING	BODY/BONNET	SEAT	SCREWS
R-606	Stainless Steel A316 (EN10088/DIN 17440)	Stainless Steel A316 (EN10088/DIN 17440)	Stainless Steel A4



- ◆ Hydraulic tightness and sealing test according to EN 12266-1.
100% Valves tested.

DIMENSIONS

DN	Flanges	ØD	L	H	Weight	Code
mm	PN	mm	mm	mm	[kg]	SAVAL
15	10/16	95	130	72	4	SDRE606TABR16015
20	10/16	105	150	76	4,5	SDRE606TABR16020
25	10/16	115	160	81	5,5	SDRE606TABR16025
32	10/16	140	180	102	9,5	SDRE606TABR16032
40	10/16	150	200	105	10	SDRE606TABR16040
50	10/16	165	230	113	12	SDRE606TABR16050
65	10/16	185	290	135	22	SDRE606TABR16065
80	10/16	200	310	135	27	SDRE606TABR16080
100	10/16	220	350	170	34	SDRE606TABR16100
125	10/16	250	400	200	62,5	SDRE606TABR16125
150	10/16	285	480	220	87	SDRE606TABR16150
200	10	340	600	280	154	SDRE606TABR10200
200	16	340	600	280	154	SDRE606TABR16200
250	10	395	730	345	213	SDRE606TABR10250
250	16	405	730	345	213	SDRE606TABR16250
300	10	445	850	360	328	SDRE606TABR10300

PISTON CHECK VALVE

Angle. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789.
- ◆ Face to face EN 558 series 8 (DIN 3202 F2).
- ◆ Flanges according to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

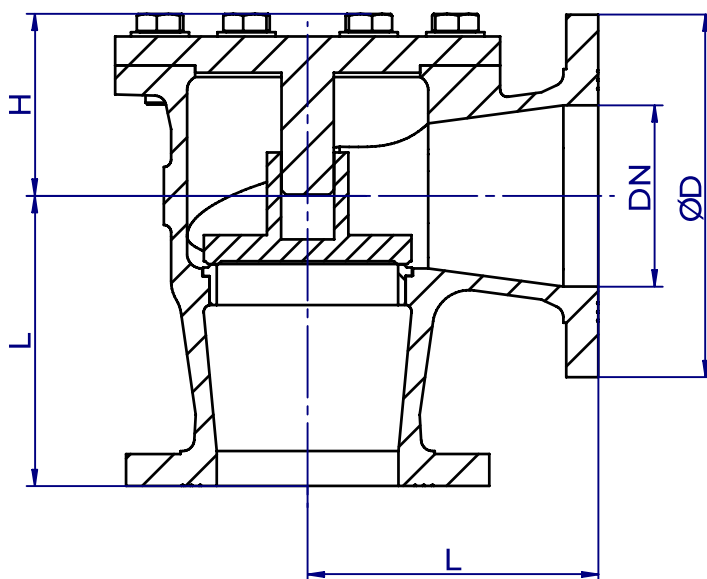
Size	DN	15-250		300
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	10	16	10
	Up to 225°C	6,6	10,7	6,6

MATERIALS

DRAWING	BODY/BONNET	SEAT	SCREWS
R-718	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN1982/DIN 1714)	Stainless Steel A4

DIMENSIONS

DN	Flanges	ØD	L	H	Weight	Code
mm	PN	mm	mm	mm	[kg]	SAVAL
15	10/16	95	75	61	4	SDRE718TABR16015
20	10/16	105	85	61	5	SDRE718TABR16020
25	10/16	115	90	61	5,5	SDRE718TABR16025
32	10/16	140	105	81	9,5	SDRE718TABR16032
40	10/16	150	115	81	11	SDRE718TABR16040
50	10/16	165	125	83	12,5	SDRE718TABR16050
65	10/16	185	145	93	22,5	SDRE718TABR16065
80	10/16	200	155	100	26,5	SDRE718TABR16080
100	10/16	220	175	110	33	SDRE718TABR16100
125	10/16	250	200	126	55	SDRE718TABR16125
150	10/16	285	225	143	72	SDRE718TABR16150
200	10	340	275	170	137,5	SDRE718TABR10200
200	16	340	275	170	137,5	SDRE718TABR16200
250	10	395	325	222	226	SDRE718TABR10250
250	16	405	325	222	226	SDRE718TABR16250
300	10	445	375	223	260	SDRE718TABR10300



- ◆ Hydraulic tightness and sealing test according to EN 12266-1.
100% Valves tested.

PISTON CHECK VALVE

Angle. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789.
- ◆ Face to face EN 558 series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250		300
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm²	Up to 100°C	9,4	15	9,4
	Up to 225°C	8	12,8	8

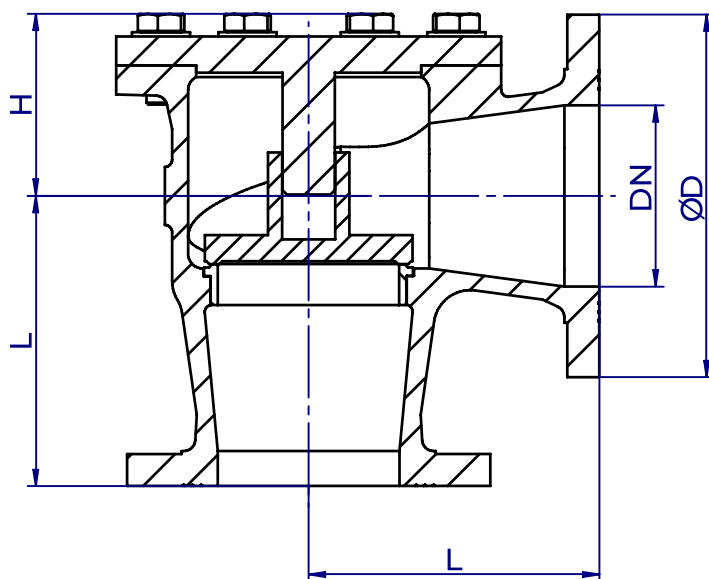
MATERIALS

DRAWING	BODY/BONNET	SEAT	SCREWS
R-210	Mild Steel (GS-C25) (EN10213/DIN 17245)	Bronze (Rg5) (DIN 1705)	Mild Steel 8.8
R-212	Mild Steel (GS-C25) (EN10213/DIN 17245)	Stainless Steel (AISI420)	Mild Steel 8.8

DIMENSIONS

DN	Flanges	ØD	L	H	Weight	Code
mm	PN	mm	mm	mm	[kg]	SAVAL
15	10/16	95	75	61	4	SDRExxxTABR16015
20	10/16	105	85	61	4,5	SDRExxxTABR16020
25	10/16	115	90	61	5	SDRExxxTABR16025
32	10/16	140	105	81	9	SDRExxxTABR16032
40	10/16	150	115	81	10	SDRExxxTABR16040
50	10/16	165	125	83	11,5	SDRExxxTABR16050
65	10/16	185	145	93	20,5	SDRExxxTABR16065
80	10/16	200	155	100	24,5	SDRExxxTABR16080
100	10/16	220	175	110	31	SDRExxxTABR16100
125	10/16	250	200	126	51	SDRExxxTABR16125
150	10/16	285	225	143	66,5	SDRExxxTABR16150
200	10	340	275	170	127,5	SDRExxxTABR10200
200	16	340	275	170	127,5	SDRExxxTABR16200
250	10	395	325	222	209	SDRExxxTABR10250
250	16	405	325	222	209	SDRExxxTABR16250
300	10	445	375	223	242	SDRExxxTABR10300

xxx = drawing number



- ◆ Hydraulic tightness and sealing test according to EN 12266-1.
100% Valves tested.

PISTON CHECK VALVE

Angle. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789.
- ◆ Face to face EN 558 series 8 (DIN 3202 F32).
- ◆ Flanges according to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	15-250	300
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	6,6	10,7

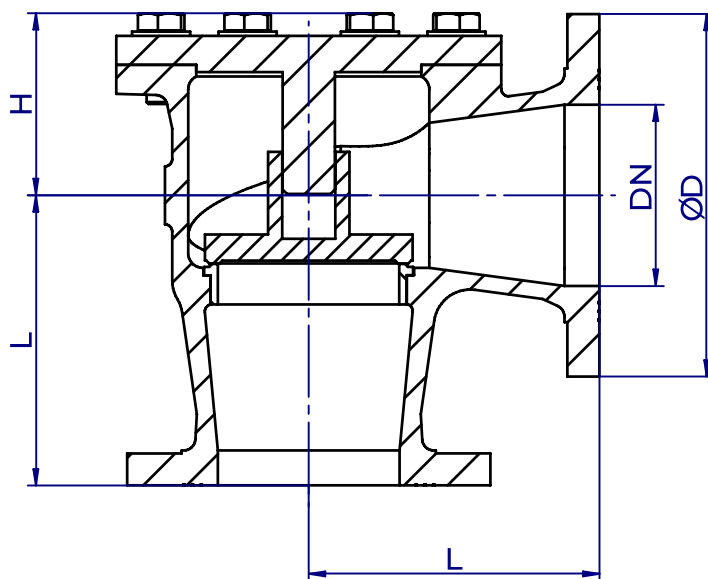
MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	BODY/BONNET	SEAT	SCREWS
R-616	Stainless Steel A316 (EN10088/DIN17440)	Stainless Steel A316 (EN10088/DIN17440)	Stainless Steel A4

DIMENSIONS

DN	Flanges	ØD	L	H	Weight	Code
mm	PN	mm	mm	mm	[kg]	SAVAL
15	10/16	95	75	61	4	SDRE616TABR16015
20	10/16	105	85	61	4,5	SDRE616TABR16020
25	10/16	115	90	61	5	SDRE616TABR16025
32	10/16	140	105	81	9	SDRE616TABR16032
40	10/16	150	115	81	10	SDRE616TABR16040
50	10/16	165	125	83	11,5	SDRE616TABR16050
65	10/16	185	145	93	20,5	SDRE616TABR16065
80	10/16	200	155	100	24,5	SDRE616TABR16080
100	10/16	220	175	110	31	SDRE616TABR16100
125	10/16	250	200	126	51	SDRE616TABR16125
150	10/16	285	225	143	66,5	SDRE616TABR16150
200	10	340	275	170	127,5	SDRE616TABR10200
200	16	340	275	170	127,5	SDRE616TABR16200
250	10	395	325	222	209	SDRE616TABR10250
250	16	405	325	222	209	SDRE616TABR16250
300	10	445	375	223	242	SDRE616TABR10300



SWING CHECK VALVE

Straight. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ UN EN 16767.
- ◆ Face to face EN 558-1 (DIN 3202 F6).
- ◆ Flanges according to EN 1092.
- ◆ Metal seated.

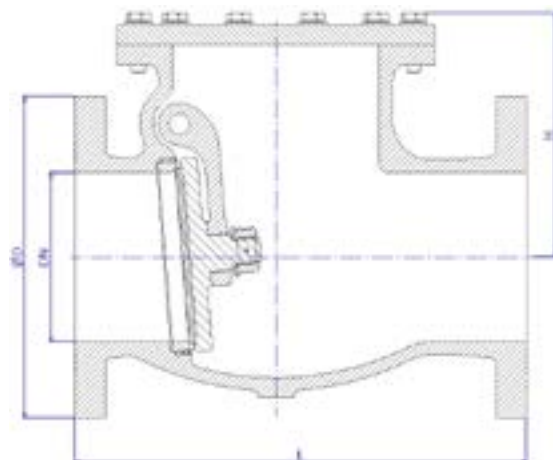
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-250	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16
	Up to 225°C	6,6	10,7



MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	BODY	COVER	DISC	SEAT	SCREWS
RS-707	Bronze (Rg10) (DIN 1705)	Bronze (Rg10) (DIN 1705)	Bronze (Rg10) (DIN 1705)	Bronze (Rg10) (DIN 1705)	Mild Steel 8.8
RS-708	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 / RG-10 (EN1982/DIN 1714)	CuAl10Fe5Ni5 (EN1982/DIN 1714)	CuAl10Fe5Ni5 (EN1982/DIN 1714)	Mild Steel 8.8

DIMENSIONS

DN	Flanges	ØD	L	H	Weight	Code
mm	PN	mm	mm	mm	[kg]	SAVAL
32	10/16	140	180	138	14	SDRSxxxTABR16032
40	10/16	150	180	138	14,5	SDRSxxxTABR16040
50	10/16	165	200	145	19,5	SDRSxxxTABR16050
65	10/16	185	240	165	24,5	SDRSxxxTABR16065
80	10/16	200	260	175	29,5	SDRSxxxTABR16080
100	10/16	220	300	200	37	SDRSxxxTABR16100
125	10/16	250	350	220	60,5	SDRSxxxTABR16125
150	10/16	285	400	240	69,5	SDRSxxxTABR16150
200	10	340	500	310	156	SDRSxxxTABR10200
200	16	340	500	310	156	SDRSxxxTABR16200
250	10	395	600	380	226,5	SDRSxxxTABR10250
250	16	405	600	380	232,5	SDRSxxxTABR16250

xxx = drawing number

SWING CHECK VALVE

Straight. Mild Steel. PN 10/16

CHARACTERISTICS

Design:

- ◆ UN EN 16767.
- ◆ Face to face EN 558-1 (DIN 3202 F6).
- ◆ Flanges according to EN 1092 (DIN 2633 PN16).
- ◆ Metal seated.

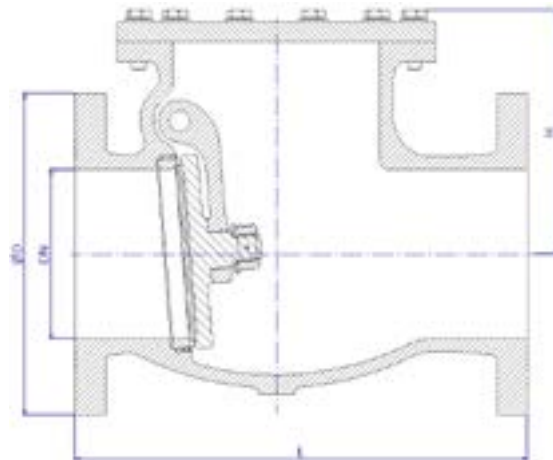
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-250	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15
	Up to 225°C	8	12,8



MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	BODY	COVER	DISC	SEAT	SCREWS
RS-200	Mild Steel (GS-C 25) (EN10213/DIN 17245)	ST52 or similar	Bronze (Rg5) (DIN 1705)	Bronze (Rg5) (DIN 1705)	Mild Steel 8.8
RS-202	Mild Steel (GS-C 25) (EN10213/DIN 17245)	ST52 or similar	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8

DIMENSIONS

DN	Flanges	ØD	L	H	Weight	Code
mm	PN	mm	mm	mm	[kg]	SAVAL
32	10/16	140	180	138	13	SDRSxxxTABR16032
40	10/16	150	180	138	13	SDRSxxxTABR16040
50	10/16	165	200	145	17,5	SDRSxxxTABR16050
65	10/16	185	240	165	22,5	SDRSxxxTABR16065
80	10/16	200	260	175	27	SDRSxxxTABR16080
100	10/16	220	300	200	34,5	SDRSxxxTABR16100
125	10/16	250	350	220	56	SDRSxxxTABR16125
150	10/16	285	400	240	72,5	SDRSxxxTABR16150
200	10	340	500	310	144	SDRSxxxTABR10200
200	16	340	500	310	144	SDRSxxxTABR16200
250	10	395	600	380	206,5	SDRSxxxTABR10250
250	16	405	600	380	211,5	SDRSxxxTABR16250

xxx = drawing figure

SWING CHECK VALVE

Straight. Stainless Steel. PN 10/16

CHARACTERISTICS

Design:

- ◆ UN EN 16767.
- ◆ Face to face EN 558-1 (DIN 3202 F6).
- ◆ Flanges according to EN 1092 (DIN 2633 PN16).
- ◆ Metal seated.

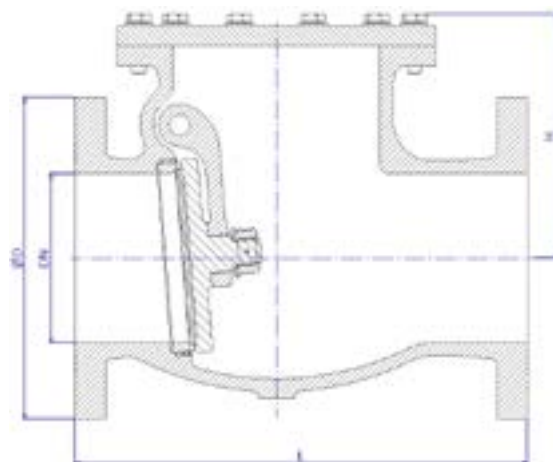
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-250	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2
	Up to 225°C	7,3	11,6



MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	BODY	COVER	DISC	SEAT	SCREWS
RS-606	Stainless Steel A316 (EN10088/DIN 17440)	Stainless S. A316	Stainless S. A316	Stainless S. A316	Stainless S. A4

DIMENSIONS

DN	Flanges	ØD	L	H	Weight	Code
mm	PN	mm	mm	mm	[kg]	SAVAL
32	10/16	140	180	138	13	SDRS606TABR16032
40	10/16	150	180	138	13	SDRS606TABR16040
50	10/16	165	200	145	17,5	SDRS606TABR16050
65	10/16	185	240	165	22,5	SDRS606TABR16065
80	10/16	200	260	175	27	SDRS606TABR16080
100	10/16	220	300	200	34,5	SDRS606TABR16100
125	10/16	250	350	220	56	SDRS606TABR16125
150	10/16	285	400	240	72,5	SDRS606TABR16150
200	10	340	500	310	144	SDRS606TABR10200
200	16	340	500	310	144	SDRS606TABR16200
250	10	395	600	380	206,5	SDRS606TABR10250
250	16	405	600	380	211,5	SDRS606TABR16250



OVERBOARD VALVES

OVERBOARD VALVE

Straight. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 3356 part 5).
- ◆ Face to face EN 558-1 Series-1.
- ◆ Flanges according to EN 1092 (DIN 2633).
- ◆ With a spring set value of 0.5 kg/cm².
- ◆ Position indicator.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

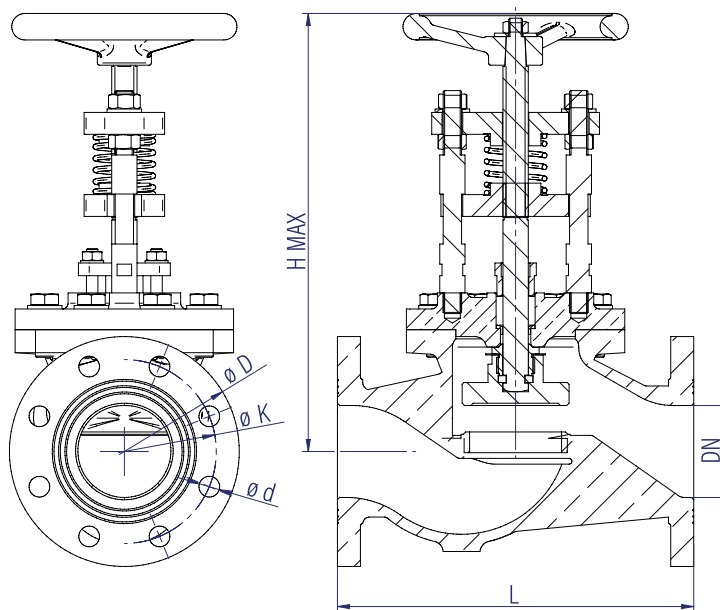
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-150
Nominal Pressure	PN	10 16
Maximum working pressure, kg/cm ²	Up to 100°C	10 16

MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.



DRAWING	TYPE	BODY/BONNET	SEAT	STEM	BOLTING	LAVER
GD-708	Overboard	Bronze (Rg10)(DIN1705) / CuAl10Fe5Ni5 (EN 1982/DIN 1714)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	CuAl10Fe5Ni5 (En 1982/DIN 1714)	Stainless S. A4	Aluminium

DIMENSIONS

DN	ØD	Flanges	L	H Max	ød	øK	Number of holes	Weight	Code
mm	mm	PN	mm	mm	mm	mm		[kg]	SAVAL
32	140	10/16	180	320	18	100	4	14	SDGD708TABR16032
40	150	10/16	200	325	18	110	4	14,5	SDGD708TABR16040
50	165	10/16	230	325	18	125	4	16	SDGD708TABR16050
65	185	10/16	290	385	18	145	4	30	SDGD708TABR16065
80	200	10/16	310	385	18	160	8	35,5	SDGD708TABR16080
100	220	10/16	350	463	18	180	8	44	SDGD708TABR16100
125	250	10/16	400	610	18	210	8	83	SDGD708TABR16125
150	285	10/16	480	627	22	240	8	111	SDGD708TABR16150
200	340	10	600	775	22	295	8	191	SDGD708INBR10200
200	340	16	600	775	22	295	12	190	SDGD708INBR16200

OVERBOARD VALVE

Angle. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 3356 part 5).
- ◆ Face to face EN 558-1 Series-8.
- ◆ Flanges according to EN 1092 (DIN 2633).
- ◆ With a spring set value of 0.5 kg/cm².
- ◆ Position indicator.

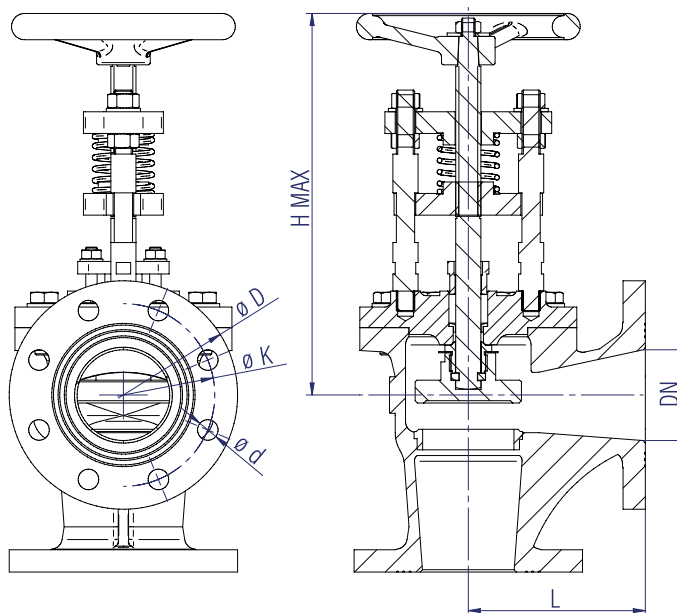
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-150
Nominal Pressure	PN	10 16
Maximum working pressure, kg/cm ²	Up to 100°C	10 16



MATERIALS

- ◆ Hydraulic tightness and sealing test according to EN 12266-1. 100% Valves tested.

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	BOLTING	LAVER
GD-718	Overboard	Bronze (Rg10)(DIN1705) / CuAl10Fe5Ni5 (EN 1982/DIN 1714)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	CuAl10Fe5Ni5 (En 1982/DIN 1714)	Stainless S. A4	Aluminium

DIMENSIONS

DN	ØD	Flanges	L	H Max	ød	øK	Number of holes	Weight	Code
mm	mm	PN	mm	mm	mm	mm		[kg]	SAVAL
32	140	10/16	105	300	18	100	4	12	SDGD718TABR16032
40	150	10/16	115	300	18	110	4	13	SDGD718TABR16040
50	165	10/16	125	300	18	125	4	15,5	SDGD718TABR16050
65	185	10/16	145	335	18	145	4	28,5	SDGD718TABR16065
80	200	10/16	155	335	18	160	8	32,5	SDGD718TABR16080
100	220	10/16	175	402	18	180	8	40	SDGD718TABR16100
125	250	10/16	200	563	18	210	8	70,5	SDGD718TABR16125
150	285	10/16	225	550	22	240	8	88,5	SDGD718TABR16150
200	340	10	275	665	22	295	8	161	SDGD718INBR10200
200	340	16	275	665	22	295	12	160	SDGD718INBR16200



SCUPPERS

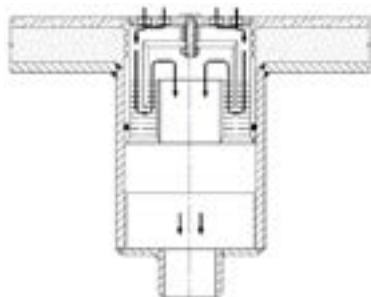
SCUPPER

Vertical outlet. For welding.

CHARACTERISTICS

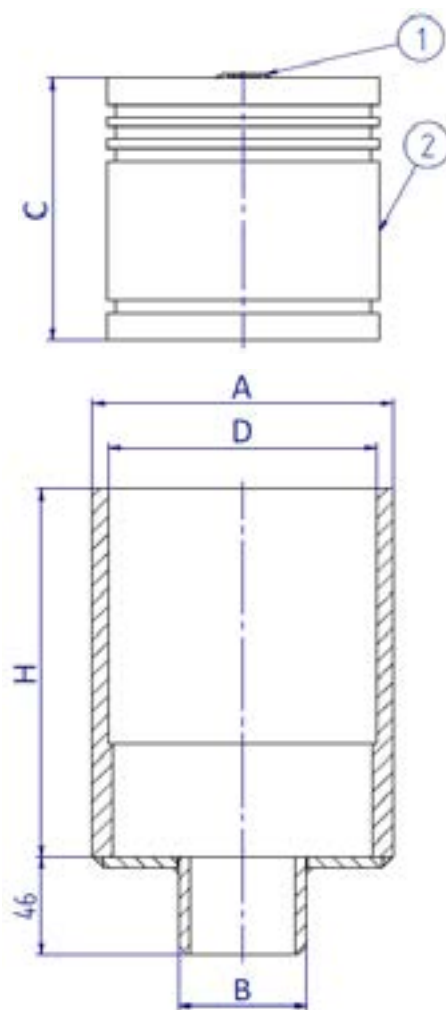
Design:

- ◆ Other materials are available.
- ◆ For special sizes with a higher "H" dimension than standard, special internal "C" heights can be offered.



◆ Typical assembly

N°	COMPONENT	MATERIAL
1	Grid	RG-5
		AISI 316
2	Body	PCV



MATERIALS AND DIMENSIONS

Reference		A	B	C	H			D	Material
					Standard	Special			
D-101-01	2"	141,3	60,3	120	124	160	202	126	Galvanised steel
D-101-02	1 1/2"	101,6	48,3	70	80	-		92	
				110	121	160			
D-101-03	2"	140	55	120	124	160	202	126,3	Aluminium 6060/6082
D-101-04	1 1/2"	100	50	70	80	-		92	
				110	120	160			
D-101-05	2"	140	55	120	124	202		126	Stainless Steel

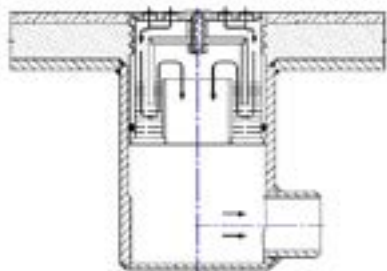
SCUPPER

Horizontal outlet. For welding.

CHARACTERISTICS

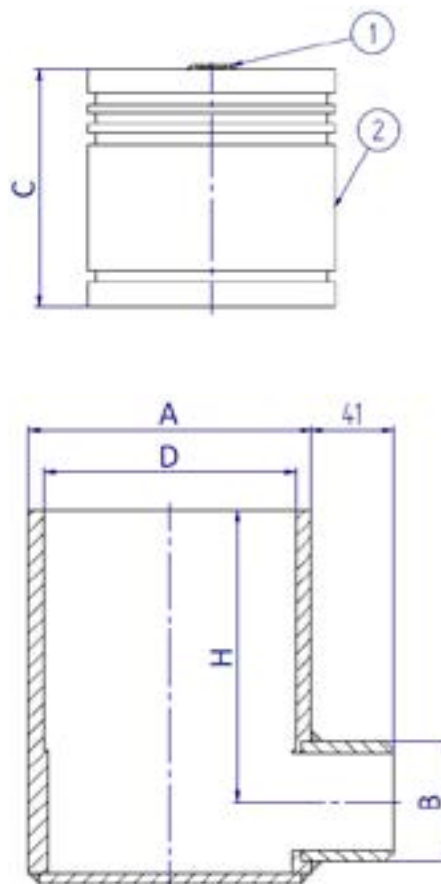
Design:

- ◆ Other materials are available.
- ◆ For special sizes with a higher "H" dimension than standard, special internal "C" heights can be offered.



◆ Typical assembly

N°	COMPONENT	MATERIAL
1	Grid	RG-5
		AISI 316
2	Body	PCV



MATERIALS AND DIMENSIONS

Reference		A	B	C	H			D	Material
					Standard	Special			
D-102-01	2"	141,3	60,3	120	116	160	191	126	Galvanised Steel
D-102-02	1 1/2"	101,6	48,3	110	102	150	182	92	
D-102-03	2"	140	55	120	116	160	191	126	Aluminium 6060/6082
D-102-04	1 1/2"	100	50	110	101	150	181	92	

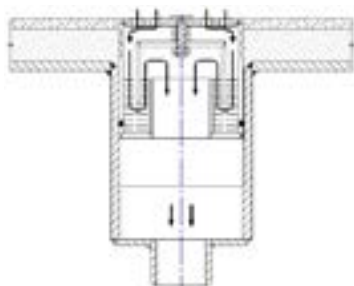
SCUPPER

Vertical outlet. For threading.

CHARACTERISTICS

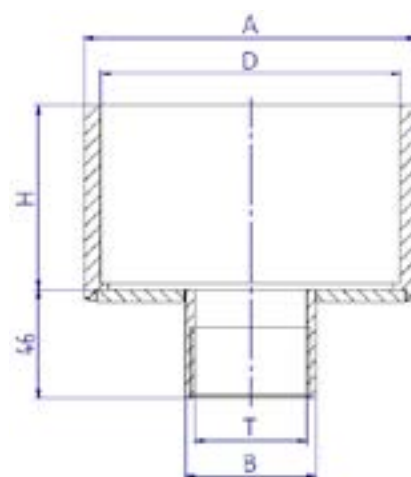
Design:

- ◆ Possibility of manufacturing in other materials and dimensions.



◆ Typical assembly

N°	COMPONENT	MATERIAL
1	Grid	RG-5
		AISI 316
2	Body	PCV



MATERIALS AND DIMENSIONS

Reference		A	B	T	C	H	D	Material
D-107-01	2"	140	55	G1 1/2"	75	80	126,5	Aluminium 6060/6082
D-107-02	2"	140	55	G1 1/4"	75	80	126,5	

SCUPPER

For shower.

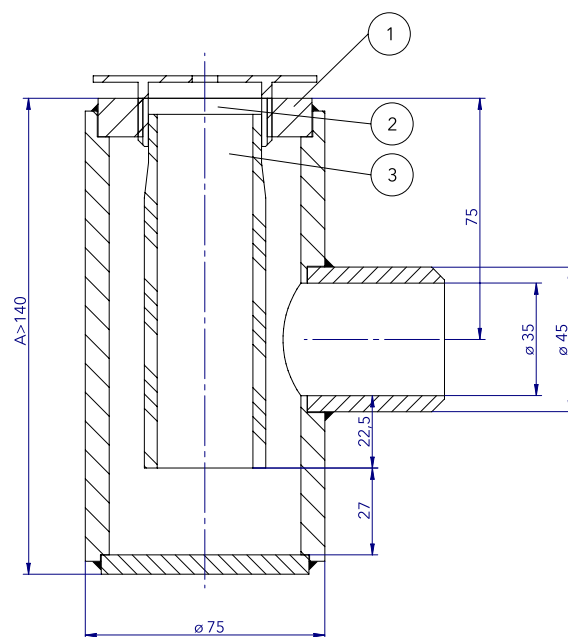
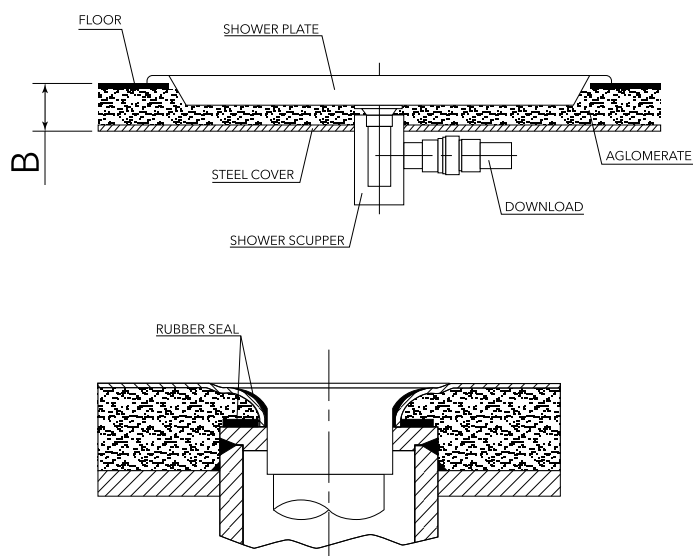
CHARACTERISTICS

Design:

- ◆ Other materials and dimensions available

Notes:

- ◆ The dimension "A" depends on the thickness of the floor "B".



- ◆ Typical assembly

MATERIALS

REF.	COMPONENT	MATERIAL
1	Body	Galvanised steel
2	Nipple	Brass Chrome plated
3	Hydraulic seal tube	PVC

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