

SAVAL[®] | Marine
Valves

CATALOGUE

www.valsaval.com









**SPANISH
MANUFACTURER
OF MARINE
VALVES**

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

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-●H

* 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.

INDEX

OF VALVES

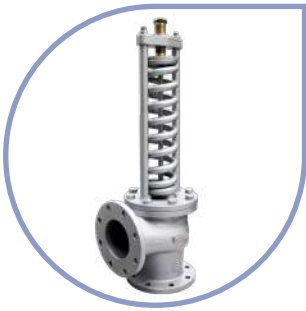


Stop Type





2 Way



Piston check valves

Swing Check Valves



For Welding

For Threading



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

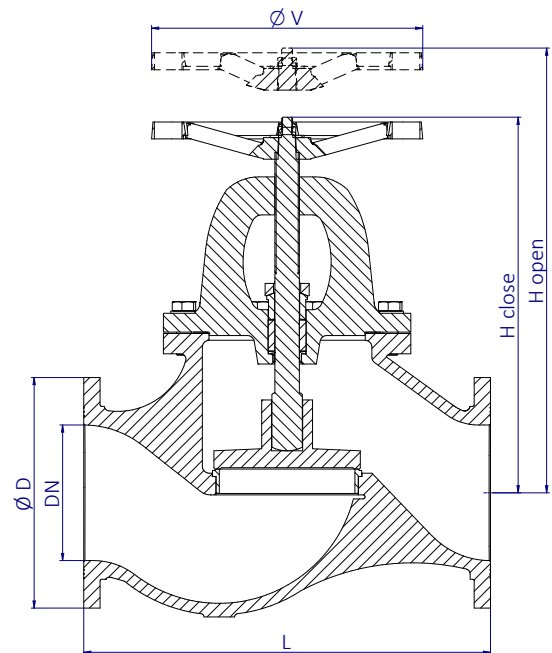
- ◆ Possibility to be motorized .
- ◆ Position indicator.

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	10,7



MATERIALS

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

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
GA-708	SDNR	Bronze (Rg10) (DIN1705)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	CuAl10Fe5Ni5 (En 1982/DIN 1714)	Stainless S. A4	Aluminium

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	130	157	183	100	6	SDGA708TABR16015
20	105	10/16	150	161	183	100	6	SDGA708TABR16020
25	115	10/16	160	166	183	100	6	SDGA708TABR16025
32	140	10/16	180	213	262	150	12	SDGA708TABR16032
40	150	10/16	200	218	262	150	13	SDGA708TABR16040
50	165	10/16	230	226	262	150	15	SDGA708TABR16050
65	185	10/16	290	284	319	200	28	SDGA708TABR16065
80	200	10/16	310	285	319	200	32	SDGA708TABR16080
100	220	10/16	350	323	355	200	40	SDGA708TABR16100
125	250	10/16	400	404	446	300	82	SDGA708TABR16125
150	285	10/16	480	435	478	300	107,5	SDGA708TABR16150
200	340	10	600	552	600	400	191	SDGA708TABR10200
200	340	16	600	552	600	400	191	SDGA708TABR16200
250	395	10	730	635	708	520	253	SDGA708TABR10250
250	405	16	730	635	708	520	253	SDGA708TABR16250
300*	445	10	850	692	775	520	389	SDGA708RDBR10300
350*	505	10	980	773	850	640	530	SDGA708RDBR10350
400*	565	10	1100	908	1014	640	731	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):

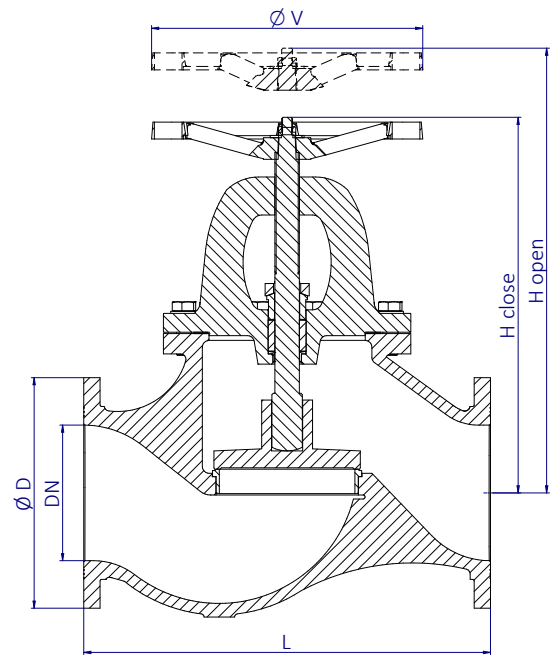
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

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

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
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



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

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	130	157	183	100	5,5	SDGxxxTABR16015
20	105	10/16	150	161	183	100	5,5	SDGxxxTABR16020
25	115	10/16	160	166	183	100	5,5	SDGxxxTABR16025
32	140	10/16	180	213	262	150	11	SDGxxxTABR16032
40	150	10/16	200	218	262	150	12	SDGxxxTABR16040
50	165	10/16	230	226	262	150	14	SDGxxxTABR16050
65	185	10/16	290	284	319	200	26	SDGxxxTABR16065
80	200	10/16	310	285	319	200	30	SDGxxxTABR16080
100	220	10/16	350	323	355	200	37	SDGxxxTABR16100
125	250	10/16	400	404	446	300	75	SDGxxxTABR16125
150	285	10/16	480	435	478	300	98	SDGxxxTABR16150
200	340	10	600	552	600	400	174,5	SDGxxxTABR10200
200	340	16	600	552	600	400	174,5	SDGxxxTABR16200
250	395	10	730	635	708	520	231	SDGxxxTABR10250
250	405	16	730	635	708	520	231	SDGxxxTABR16250
300*	445	10	850	692	775	520	356	SDGxxxRDBR10300
350*	505	10	980	773	850	640	484	SDGxxxRDBR10350
400*	565	10	1100	908	1014	640	668	SDGxxxRDBR10400

* Supplied with gearbox.
xxx = drawing number

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):

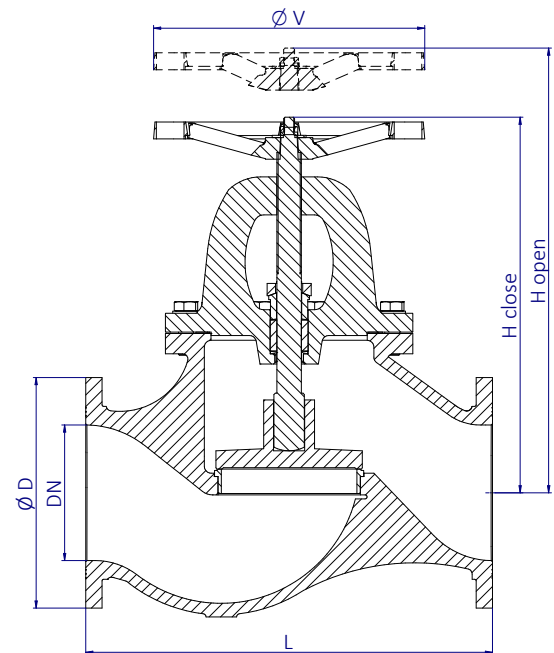
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

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

MATERIALS

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



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

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	130	158	183	100	5,5	SDGA606TABR16015
20	105	10/16	150	161	183	100	5,5	SDGA606TABR16020
25	115	10/16	160	166	183	100	5,5	SDGA606TABR16025
32	140	10/16	180	214	262	150	11	SDGA606TABR16032
40	150	10/16	200	218	262	150	12	SDGA606TABR16040
50	165	10/16	230	226	262	150	14	SDGA606TABR16050
65	185	10/16	290	284	319	200	26	SDGA606TABR16065
80	200	10/16	310	285	319	200	30	SDGA606TABR16080
100	220	10/16	350	323	355	200	37	SDGA606TABR16100
125	250	10/16	400	404	446	300	75	SDGA606TABR16125
150	285	10/16	480	435	478	300	98	SDGA606TABR16150
200	340	10	600	542	600	400	174,5	SDGA606TABR10200
200	340	16	600	542	600	400	174,5	SDGA606TABR16200
250	395	10	730	628	708	520	256	SDGA606TABR10250
250	405	16	730	628	708	520	256	SDGA606TABR16250
300*	445	10	850	692	775	520	367	SDGA606RDBR10300
350*	505	10	980	763	850	640	484	SDGA606RDBR10350
400*	565	10	1100	891	1014	640	668	SDGA606RDBR10400

* Supplied with gearbox.

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).

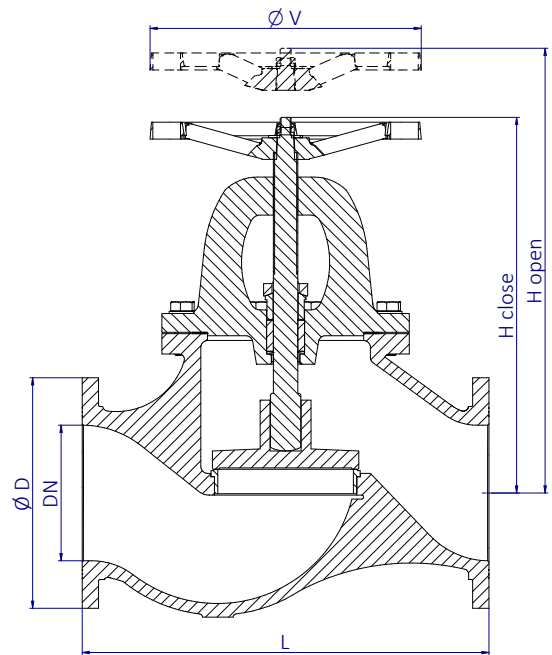
WORKING CONDITIONS

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	8,9	14,3

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
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

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



DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	130	158	183	100	4,5	SDGxxxTABR16015
20	105	10/16	150	161	183	100	4,5	SDGxxxTABR16020
25	115	10/16	160	166	183	100	4,5	SDGxxxTABR16025
32	140	10/16	180	214	262	150	10	SDGxxxTABR16032
40	150	10/16	200	218	262	150	11	SDGxxxTABR16040
50	165	10/16	230	226	262	150	12,5	SDGxxxTABR16050
65	185	10/16	290	284	319	200	23	SDGxxxTABR16065
80	200	10/16	310	284	319	200	27	SDGxxxTABR16080
100	220	10/16	350	323	355	200	33	SDGxxxTABR16100
125	250	10/16	400	404	446	300	66,5	SDGxxxTABR16125
150	285	10/16	480	435	478	300	87	SDGxxxTABR16150
200	340	10	600	542	600	400	155	SDGxxxTABR10200
200	340	16	600	542	600	400	155	SDGxxxTABR16200
250	395	10	730	628	708	520	205	SDGxxxTABR10250
250	405	16	730	628	708	520	205	SDGxxxTABR16250
300*	445	10	850	692	775	520	316	SDGxxxRDBR10300
350*	505	10	980	763	850	640	430	SDGxxxRDBR10350
400*	565	10	1100	891	1014	640	592,5	SDGxxxRDBR10400

* 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).

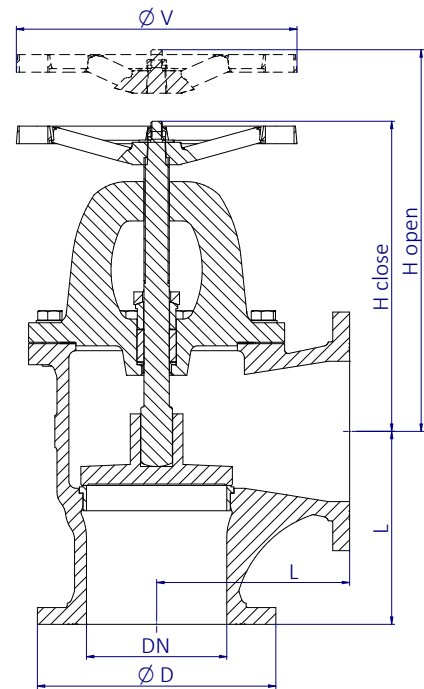
WORKING CONDITIONS

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	10,7

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
GA-718	SDNR	Bronze (Rg10) (DIN1705)	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	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	**	145	163	100	5	SDGA718TABR16015
20	105	10/16	**	143	163	100	6	SDGA718TABR16020
25	115	10/16	**	140	163	100	6	SDGA718TABR16025
32	140	10/16	105	192	230	150	11	SDGA718TABR16032
40	150	10/16	115	190	230	150	12,5	SDGA718TABR16040
50	165	10/16	125	190	230	150	14,5	SDGA718TABR16050
65	185	10/16	145	241	272	200	25,5	SDGA718TABR16065
80	200	10/16	155	238	272	200	29	SDGA718TABR16080
100	220	10/16	175	263	294	200	36	SDGA718TABR16100
125	250	10/16	200	331	373	300	65	SDGA718TABR16125
150	285	10/16	225	350	400	300	81	SDGA718TABR16150
200	340	10	275	440	491	400	161	SDGA718TABR10200
200	340	16	275	440	491	400	161	SDGA718TABR16200
250	395	10	325	514	590	520	251	SDGA718TABR10250
250	405	16	325	514	590	520	251	SDGA718TABR16250
300*	445	10	375	548	633	520	300	SDGA718RDBR10300
350*	505	10	425	611	700	640	425	SDGA718RDBR10350
400*	565	10	475	721	825	640	618	SDGA718RDBR10400

* Supplied with gearbox.

**Dimensions on request.

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).

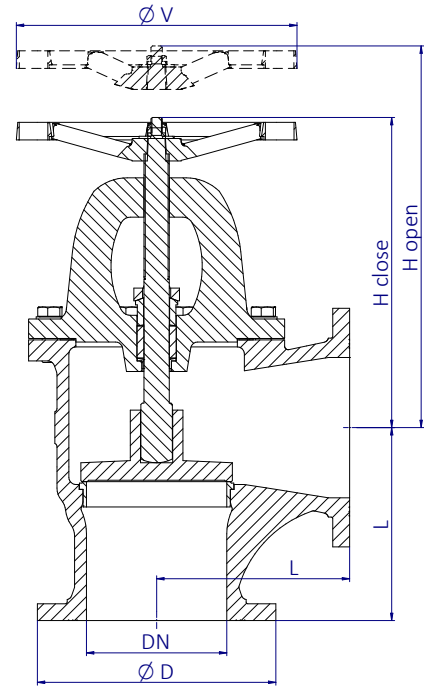
WORKING CONDITIONS

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	12,9

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
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	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	**	145	163	100	5	SDGxxxTABR16015
20	105	10/16	**	143	163	100	5,5	SDGxxxTABR16020
25	115	10/16	**	140	163	100	5,5	SDGxxxTABR16025
32	140	10/16	105	192	230	150	10	SDGxxxTABR16032
40	150	10/16	115	190	230	150	11,5	SDGxxxTABR16040
50	165	10/16	125	190	230	150	13,5	SDGxxxTABR16050
65	185	10/16	145	241	272	200	23,5	SDGxxxTABR16065
80	200	10/16	155	238	272	200	27	SDGxxxTABR16080
100	220	10/16	175	263	294	200	33	SDGxxxTABR16100
125	250	10/16	200	331	373	300	60	SDGxxxTABR16125
150	285	10/16	225	350	400	300	74,5	SDGxxxTABR16150
200	340	10	275	440	491	400	148	SDGxxxTABR10200
200	340	16	275	440	491	400	148	SDGxxxTABR16200
250	395	10	325	514	590	520	230,5	SDGxxxTABR10250
250	405	16	325	514	590	520	230,5	SDGxxxTABR16250
300*	445	10	375	548	633	520	275,5	SDGxxxRDBR10300
350*	505	10	425	611	700	640	390	SDGxxxRDBR10350
400*	565	10	475	721	825	640	567,5	SDGxxxRDBR10400

* Supplied with gearbox.
xxx = drawing number

**Dimensions on request.

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
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2
	Up to 225°C	7,3	11,7

MATERIALS

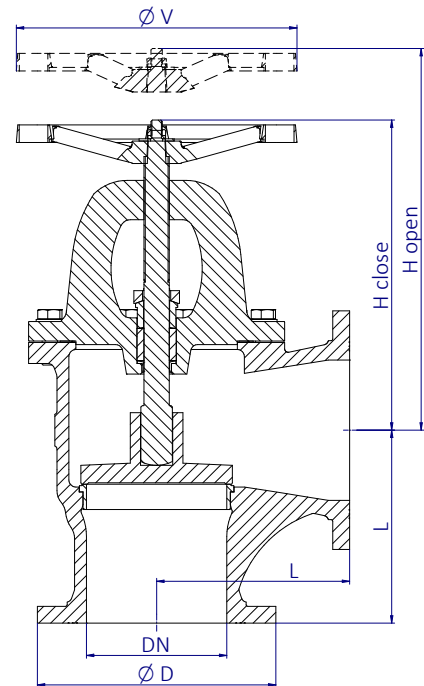
DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
GA-616	SDNR	Stainless S. A316 (EN10088/DIN17440)	Stainless S. (AISI316)	Stainless S. (AISI316)	Stainless S. A4	Aluminium

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	**	145	174	100	5	SDGA616TABR16015
20	105	10/16	**	143	174	100	5,5	SDGA616TABR16020
25	115	10/16	**	140	174	100	5,5	SDGA616TABR16025
32	140	10/16	105	192	220	150	10	SDGA616TABR16032
40	150	10/16	115	190	220	150	11,5	SDGA616TABR16040
50	165	10/16	125	190	220	150	13,5	SDGA616TABR16050
65	185	10/16	145	241	275	200	23,5	SDGA616TABR16065
80	200	10/16	155	238	275	200	27	SDGA616TABR16080
100	220	10/16	175	263	320	200	33	SDGA616TABR16100
125	250	10/16	200	331	380	300	60	SDGA616TABR16125
150	285	10/16	225	350	410	300	74,5	SDGA616TABR16150
200	340	10	275	440	480	400	148	SDGA616TABR10200
200	340	16	275	440	480	400	148	SDGA616TABR16200
250	395	10	325	514	570	520	230,5	SDGA616TABR10250
250	405	16	325	514	570	520	230,5	SDGA616TABR16250
300*	445	10	375	548	635	520	275,5	SDGA616RDBR10300
350*	505	10	425	611	705	640	390	SDGA616RDBR10350
400*	565	10	475	721	820	640	567,5	SDGA616RDBR10400

* Supplied with gearbox.

**Dimensions on request.



- ◆ 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).

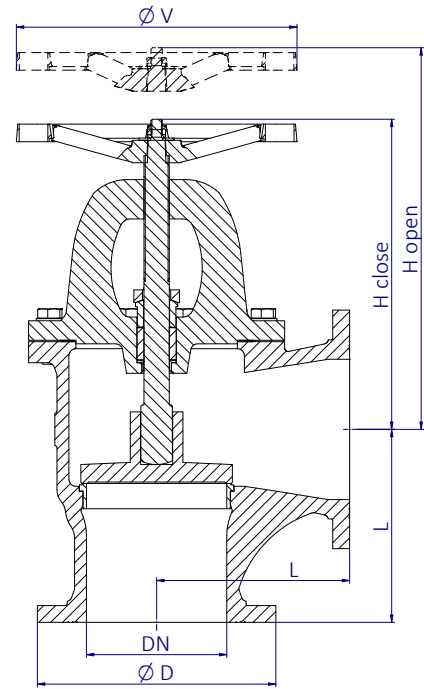
WORKING CONDITIONS

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	8,9	14,3

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
GA-410	SDNR	Nodular Cast Iron (GGG40.3) (GJS400-18-LT)	Bronze (Rg5) DIN (1705)	Brass (MS-58)	Mild Steel 8.8	Aluminium
GA-412	SDNR	Nodular Cast Iron (GGG40.3) (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	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	**	145	174	100	4	SDGxxxTABR16015
20	105	10/16	**	143	174	100	4,5	SDGxxxTABR16020
25	115	10/16	**	140	174	100	4,5	SDGxxxTABR16025
32	140	10/16	105	192	220	150	9	SDGxxxTABR16032
40	150	10/16	115	190	220	150	10,5	SDGxxxTABR16040
50	165	10/16	125	190	220	150	12	SDGxxxTABR16050
65	185	10/16	145	241	275	200	21	SDGxxxTABR16065
80	200	10/16	155	238	275	200	24	SDGxxxTABR16080
100	220	10/16	175	263	298	200	29,5	SDGxxxTABR16100
125	250	10/16	200	331	380	300	53	SDGxxxTABR16125
150	285	10/16	225	350	410	300	66	SDGxxxTABR16150
200	340	10	275	430	480	400	131	SDGxxxTABR10200
200	340	16	275	430	480	400	131	SDGxxxTABR16200
250	395	10	325	507	570	520	205	SDGxxxTABR10250
250	405	16	325	507	570	520	205	SDGxxxTABR16250
300*	445	10	375	548	635	520	245	SDGxxxRDBR10300
350*	505	10	425	601	705	640	346	SDGxxxRDBR10350
400*	565	10	475	721	820	640	503	SDGxxxRDBR10400

* Supplied with gearbox. **Dimensions on request.
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):

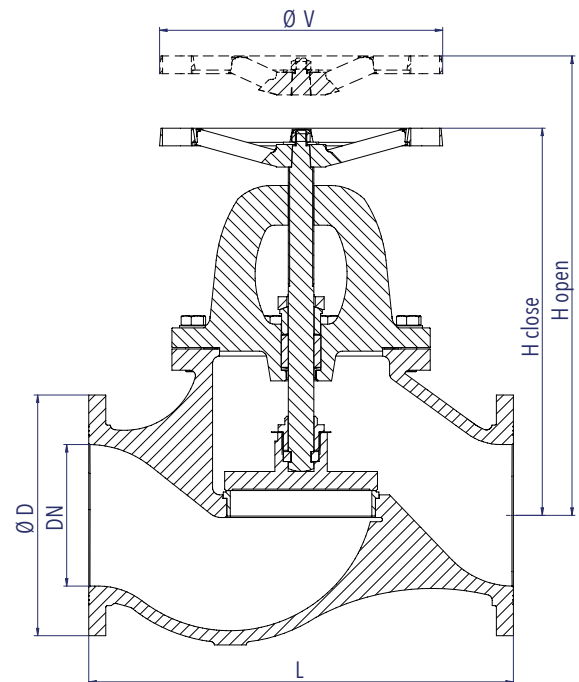
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

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	10,7

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
G-708	Stop	Bronze (Rg10) (DIN1705)	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	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	130	157	183	100	6	SDGL708TABR16015
20	105	10/16	150	161	183	100	6	SDGL708TABR16020
25	115	10/16	160	166	183	100	6	SDGL708TABR16025
32	140	10/16	180	213	262	150	12	SDGL708TABR16032
40	150	10/16	200	218	262	150	13	SDGL708TABR16040
50	165	10/16	230	226	262	150	15	SDGL708TABR16050
65	185	10/16	290	284	322	200	28	SDGL708TABR16065
80	200	10/16	310	285	322	200	32	SDGL708TABR16080
100	220	10/16	350	323	360	200	41	SDGL708TABR16100
125	250	10/16	400	404	448	300	78	SDGL708TABR16125
150	285	10/16	480	435	488	300	110	SDGL708TABR16150
200	340	10	600	542	587	400	201	SDGL708TABR10200
200	340	16	600	542	587	400	201	SDGL708TABR16200
250	395	10	730	628	693	520	276	SDGL708TABR10250
250	405	16	730	628	693	520	276	SDGL708TABR16250
300*	445	10	850	692	777	520	409	SDGL708RDBR10300
350*	505	10	980	763	868	640	548	SDGL708RDBR10350
400*	565	10	1100	891	1010	640	749	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

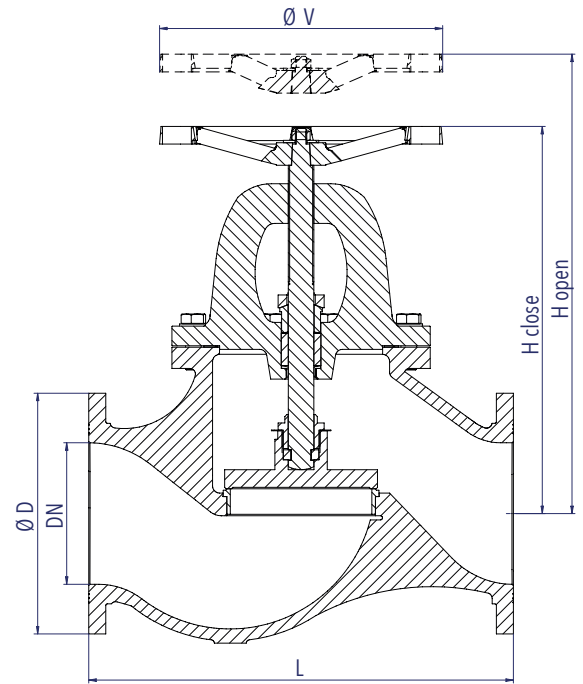
- ◆ Possibility to be motorized .
- ◆ Position indicator.

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	12,9



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

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
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

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	130	157	183	100	5	SDGLxxxTABR16015
20	105	10/16	150	161	183	100	5	SDGLxxxTABR16020
25	115	10/16	160	166	183	100	5	SDGLxxxTABR16025
32	140	10/16	180	213	262	150	11	SDGLxxxTABR16032
40	150	10/16	200	218	262	150	11,5	SDGLxxxTABR16040
50	165	10/16	230	226	262	150	13,5	SDGLxxxTABR16050
65	185	10/16	290	284	322	200	25	SDGLxxxTABR16065
80	200	10/16	310	285	322	200	29	SDGLxxxTABR16080
100	220	10/16	350	323	360	200	37	SDGLxxxTABR16100
125	250	10/16	400	404	448	300	70	SDGLxxxTABR16125
150	285	10/16	480	435	488	300	99	SDGLxxxTABR16150
200	340	10	600	542	587	400	180	SDGLxxxTABR10200
200	340	16	600	542	587	400	180	SDGLxxxTABR16200
250	395	10	730	628	693	520	248	SDGLxxxTABR10250
250	405	16	730	628	693	520	248	SDGLxxxTABR16250
300*	445	10	850	692	777	520	367	SDGLxxxRDBR10300
350*	505	10	980	763	868	640	492	SDGLxxxRDBR10350
400*	565	10	1100	891	1010	640	672	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):

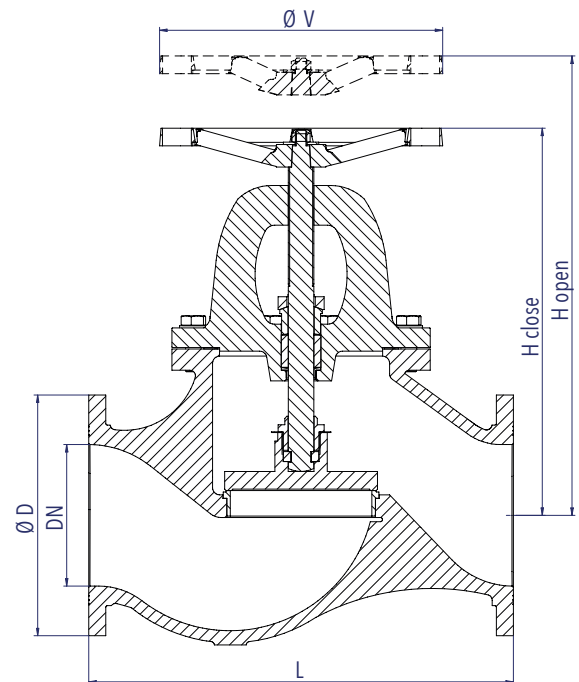
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

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

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
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	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	130	157	183	100	5	SDGL606TABR16015
20	105	10/16	150	161	183	100	5	SDGL606TABR16020
25	115	10/16	160	166	183	100	5	SDGL606TABR16025
32	140	10/16	180	213	262	150	11	SDGL606TABR16032
40	150	10/16	200	218	262	150	11,5	SDGL606TABR16040
50	165	10/16	230	226	262	150	13,5	SDGL606TABR16050
65	185	10/16	290	284	322	200	25	SDGL606TABR16065
80	200	10/16	310	285	322	200	29	SDGL606TABR16080
100	220	10/16	350	323	360	200	37	SDGL606TABR16100
125	250	10/16	400	404	448	300	70	SDGL606TABR16125
150	285	10/16	480	435	488	300	99	SDGL606TABR16150
200	340	10	600	542	587	400	180	SDGL606TABR10200
200	340	16	600	542	587	400	180	SDGL606TABR16200
250	395	10	730	628	693	520	248	SDGL606TABR10250
250	405	16	730	628	693	520	248	SDGL606TABR16250
300*	445	10	850	692	777	520	367	SDGL606RDBR10300
350*	505	10	980	763	868	640	492	SDGL606RDBR10350
400*	565	10	1100	891	1010	640	672	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).

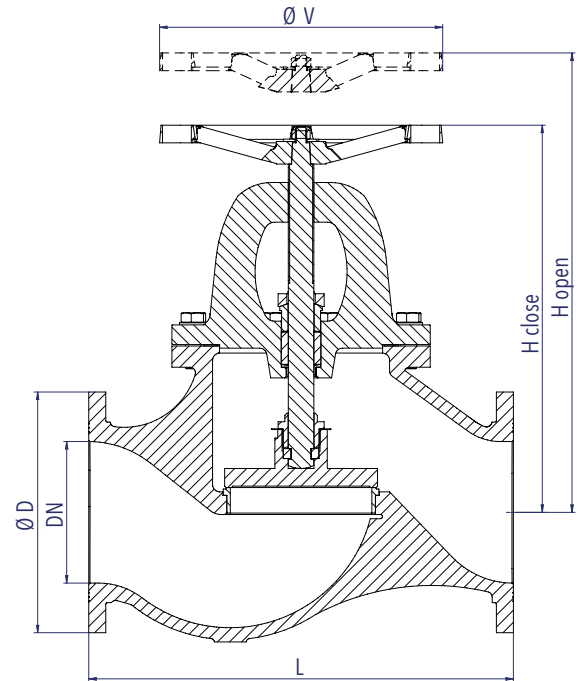
WORKING CONDITIONS

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	8,9	14,3

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
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	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	130	157	183	100	4	SDGLxxxTABR16015
20	105	10/16	150	161	183	100	4	SDGLxxxTABR16020
25	115	10/16	160	166	183	100	4	SDGLxxxTABR16025
32	140	10/16	180	213	262	150	9,8	SDGLxxxTABR16032
40	150	10/16	200	218	262	150	10,2	SDGLxxxTABR16040
50	165	10/16	230	226	262	150	12	SDGLxxxTABR16050
65	185	10/16	290	284	322	200	22	SDGLxxxTABR16065
80	200	10/16	310	285	322	200	26	SDGLxxxTABR16080
100	220	10/16	350	323	360	200	33	SDGLxxxTABR16100
125	250	10/16	400	404	448	300	62	SDGLxxxTABR16125
150	285	10/16	480	435	488	300	88	SDGLxxxTABR16150
200	340	10	600	542	587	400	160	SDGLxxxTABR10200
200	340	16	600	542	587	400	160	SDGLxxxTABR16200
250	395	10	730	628	693	520	220	SDGLxxxTABR10250
250	405	16	730	628	693	520	220	SDGLxxxTABR16250
300*	445	10	850	692	777	520	326	SDGLxxxRDBR10300
350*	505	10	980	763	868	640	437	SDGLxxxRDBR10350
400*	565	10	1100	891	1010	640	596	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	10,7

MATERIALS

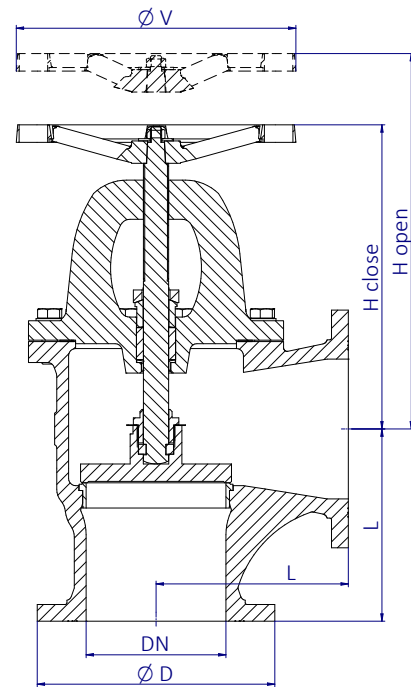
DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
G-718	Stop	Bronze (Rg10) (DIN1705)	CuAl10Fe5Ni5 (EN 1982/DIN 1714)	CuAl10Fe5Ni5 (En 1982/DIN 1714)	Stainless S. A4	Aluminium

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	**	145	174	100	5	SDGL718TABR16015
20	105	10/16	**	143	174	100	5,5	SDGL718TABR16020
25	115	10/16	**	140	174	100	6,4	SDGL718TABR16025
32	140	10/16	105	192	220	150	11,5	SDGL718TABR16032
40	150	10/16	115	190	220	150	12,5	SDGL718TABR16040
50	165	10/16	125	190	220	150	14,5	SDGL718TABR16050
65	185	10/16	145	241	275	200	25,5	SDGL718TABR16065
80	200	10/16	155	238	275	200	29,5	SDGL718TABR16080
100	220	10/16	175	263	298	200	36,5	SDGL718TABR16100
125	250	10/16	200	331	380	300	64	SDGL718TABR16125
150	285	10/16	225	350	410	300	85	SDGL718TABR16150
200	340	10	275	430	480	400	160	SDGL718TABR10200
200	340	16	275	430	480	400	160	SDGL718TABR16200
250	395	10	325	507	570	520	256	SDGL718TABR10250
250	405	16	325	507	570	520	256	SDGL718TABR16250
300*	445	10	375	548	635	520	300	SDGL718RDBR10300
350*	505	10	425	601	705	640	421,5	SDGL718RDBR10350
400*	565	10	475	704	820	640	621	SDGL718RDBR10400

* Supplied with gearbox.

**Dimensions on request.



- ◆ 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):

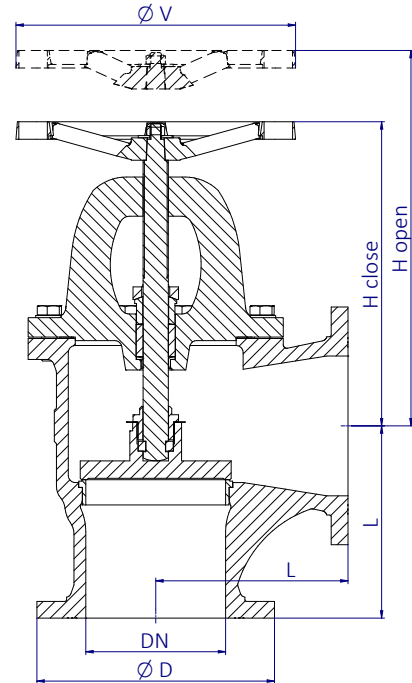
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

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	12,9

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
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



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

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	**	145	174	100	5	SDGLxxxTABR16015
20	105	10/16	**	143	174	100	5,5	SDGLxxxTABR16020
25	115	10/16	**	140	174	100	6,4	SDGLxxxTABR16025
32	140	10/16	105	192	220	150	11,5	SDGLxxxTABR16032
40	150	10/16	115	190	220	150	12,5	SDGLxxxTABR16040
50	165	10/16	125	190	220	150	14,5	SDGLxxxTABR16050
65	185	10/16	145	241	275	200	25,5	SDGLxxxTABR16065
80	200	10/16	155	238	275	200	29,5	SDGLxxxTABR16080
100	220	10/16	175	263	298	200	36,5	SDGLxxxTABR16100
125	250	10/16	200	331	380	300	64	SDGLxxxTABR16125
150	285	10/16	225	350	410	300	85	SDGLxxxTABR16150
200	340	10	275	430	480	400	160	SDGLxxxTABR10200
200	340	16	275	430	480	400	160	SDGLxxxTABR16200
250	395	10	325	507	570	520	256	SDGLxxxTABR10250
250	405	16	325	507	570	520	256	SDGLxxxTABR16250
300*	445	10	375	548	635	520	300	SDGLxxxRDBR10300
350*	505	10	425	601	705	640	421,5	SDGLxxxRDBR10350
400*	565	10	475	704	820	640	621	SDGLxxxRDBR10400

* Supplied with gearbox. **Dimensions on request.
xxx = drawing number

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).

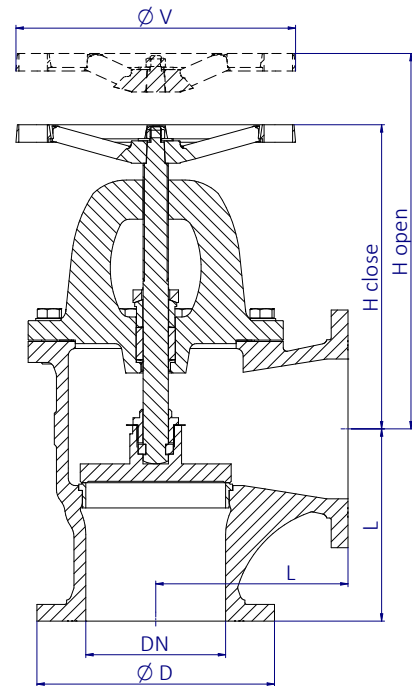
WORKING CONDITIONS

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	11,7

MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
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	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	**	145	174	100	4,5	SDGL616TABR16015
20	105	10/16	**	143	174	100	5	SDGL616TABR16020
25	115	10/16	**	140	174	100	6	SDGL616TABR16025
32	140	10/16	105	192	220	150	10	SDGL616TABR16032
40	150	10/16	115	190	220	150	11	SDGL616TABR16040
50	165	10/16	125	190	220	150	13	SDGL616TABR16050
65	185	10/16	145	241	275	200	23	SDGL616TABR16065
80	200	10/16	155	238	275	200	26	SDGL616TABR16080
100	220	10/16	175	263	298	200	33,5	SDGL616TABR16100
125	250	10/16	200	331	380	300	57	SDGL616TABR16125
150	285	10/16	225	350	410	300	75	SDGL616TABR16150
200	340	10	275	430	480	400	142	SDGL616TABR10200
200	340	16	275	430	480	400	142	SDGL616TABR16200
250	395	10	325	507	570	520	227	SDGL616TABR10250
250	405	16	325	507	570	520	227	SDGL616TABR16250
300*	445	10	375	548	635	520	266	SDGL616RDBR10300
350*	505	10	425	601	705	640	373,5	SDGL616RDBR10350
400*	565	10	475	704	820	640	550	SDGL616RDBR10400

* Supplied with gearbox.

**Dimensions on request.

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	8,9	14,3

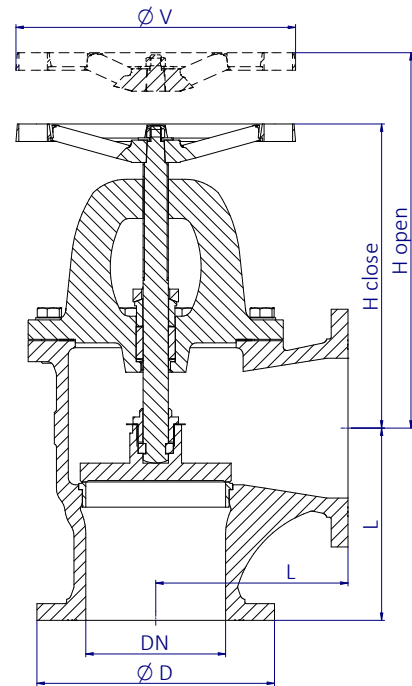
MATERIALS

DRAWING	TYPE	BODY/BONNET	SEAT	STEM	SCREWS	LEVER
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

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	Weight	Code
mm	mm	PN	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	**	145	174	100	4	SDGLxxxTABR16015
20	105	10/16	**	143	174	100	4,5	SDGLxxxTABR16020
25	115	10/16	**	140	174	100	5,5	SDGLxxxTABR16025
32	140	10/16	105	192	220	150	9	SDGLxxxTABR16032
40	150	10/16	115	190	220	150	10	SDGLxxxTABR16040
50	165	10/16	125	190	220	150	12	SDGLxxxTABR16050
65	185	10/16	145	241	275	200	21	SDGLxxxTABR16065
80	200	10/16	155	238	275	200	23,5	SDGLxxxTABR16080
100	220	10/16	175	263	298	200	30	SDGLxxxTABR16100
125	250	10/16	200	331	380	300	51	SDGLxxxTABR16125
150	285	10/16	225	350	410	300	67,5	SDGLxxxTABR16150
200	340	10	275	430	480	400	127,5	SDGLxxxTABR10200
200	340	16	275	430	480	400	127,5	SDGLxxxTABR16200
250	395	10	325	507	570	520	204	SDGLxxxTABR10250
250	405	16	325	507	570	520	204	SDGLxxxTABR16250
300*	445	10	375	548	635	520	239	SDGLxxxRDBR10300
350*	505	10	425	601	705	640	336	SDGLxxxRDBR10350
400*	565	10	475	704	820	640	495	SDGLxxxRDBR10400

* Supplied with gearbox.
xxx = drawing number



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



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

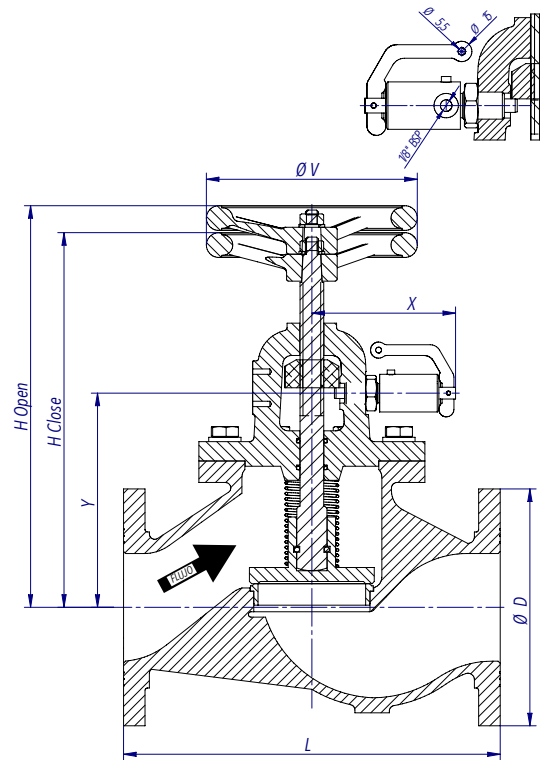
Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,4	15

MATERIALS

DRAWING	BODY	SEAT	STEM	SCREWS	LEVER
G-202-CR	Mild Steel (G5-C 25) (EN10213/DIN 17245)	Stainless S. (AISI420)	Stainless S. (AISI420)	Mild Steel 8.8	Aluminium

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	130	185	195	115	160	90	4	SDGI202TABR16015
20	105	10/16	150	190	200	115	160	90	4	SDGI202TABR16020
25	115	10/16	160	195	205	115	160	90	6	SDGI202TABR16025
32	140	10/16	180	252	265	145	170	130	9	SDGI202TABR16032
40	150	10/16	200	254	275	145	170	130	11	SDGI202TABR16040
50	165	10/16	230	262	280	145	170	130	13	SDGI202TABR16050
65	185	10/16	290	314	335	200	175	175	19	SDGI202TABR16065
80	200	10/16	310	314	335	200	175	175	24	SDGI202TABR16080
100	220	10/16	350	350	390	200	180	250	44	SDGI202TABR16100
125	250	10/16	400	442	405	300	195	275	70	SDGI202TABR16125
150	285	10/16	480	445	470	300	195	290	95	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

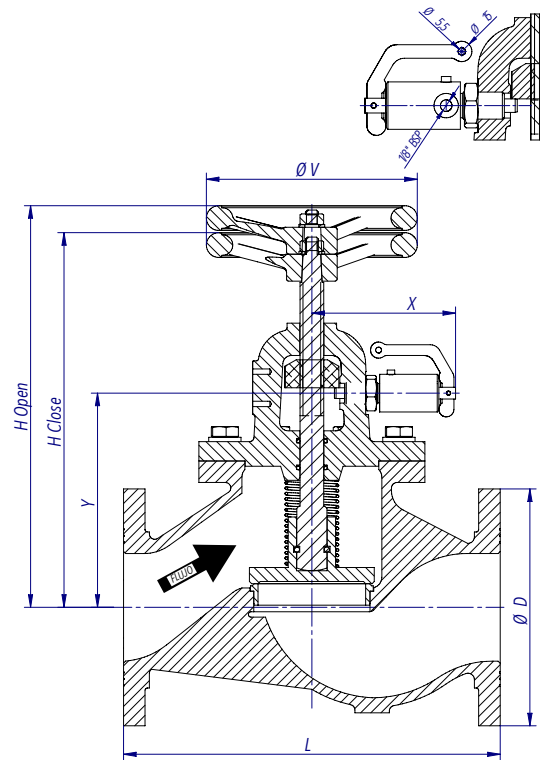
Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	9,5	15,2

MATERIALS

DRAWING	BODY	SEAT	STEM	SCREWS	LEVER
G-606-CR	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A4	Aluminium

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	130	185	195	115	160	90	4	SDGI606TABR16015
20	105	10/16	150	190	200	115	160	90	4	SDGI606TABR16020
25	115	10/16	160	195	205	115	160	90	6	SDGI606TABR16025
32	140	10/16	180	252	265	145	170	130	9	SDGI606TABR16032
40	150	10/16	200	254	275	145	170	130	11	SDGI606TABR16040
50	165	10/16	230	262	280	145	170	130	13	SDGI606TABR16050
65	185	10/16	290	314	335	200	175	175	19	SDGI606TABR16065
80	200	10/16	310	314	335	200	175	175	24	SDGI606TABR16080
100	220	10/16	350	350	390	200	180	250	44	SDGI606TABR16100
125	250	10/16	400	442	405	300	195	275	70	SDGI606TABR16125
150	285	10/16	480	445	470	300	195	290	95	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

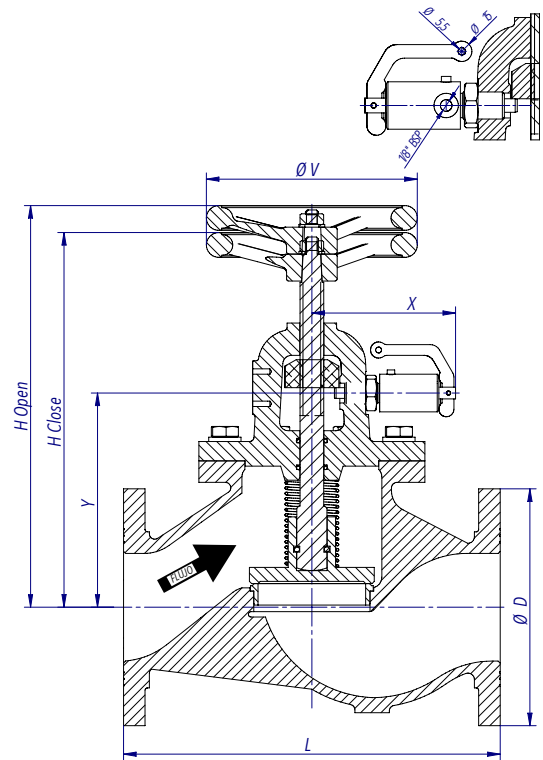
Size	DN	15-150	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm ²	Up to 100°C	10	16

MATERIALS

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

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	130	185	195	115	160	90	4	SDGI402TABR16015
20	105	10/16	150	190	200	115	160	90	4	SDGI402TABR16020
25	115	10/16	160	195	205	115	160	90	6	SDGI402TABR16025
32	140	10/16	180	252	265	145	170	130	9	SDGI402TABR16032
40	150	10/16	200	254	275	145	170	130	11	SDGI402TABR16040
50	165	10/16	230	262	280	145	170	130	13	SDGI402TABR16050
65	185	10/16	290	314	335	200	175	175	19	SDGI402TABR16065
80	200	10/16	310	314	335	200	175	175	24	SDGI402TABR16080
100	220	10/16	350	350	390	200	180	250	44	SDGI402TABR16100
125	250	10/16	400	442	405	300	195	275	70	SDGI402TABR16125
150	285	10/16	480	445	470	300	195	290	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

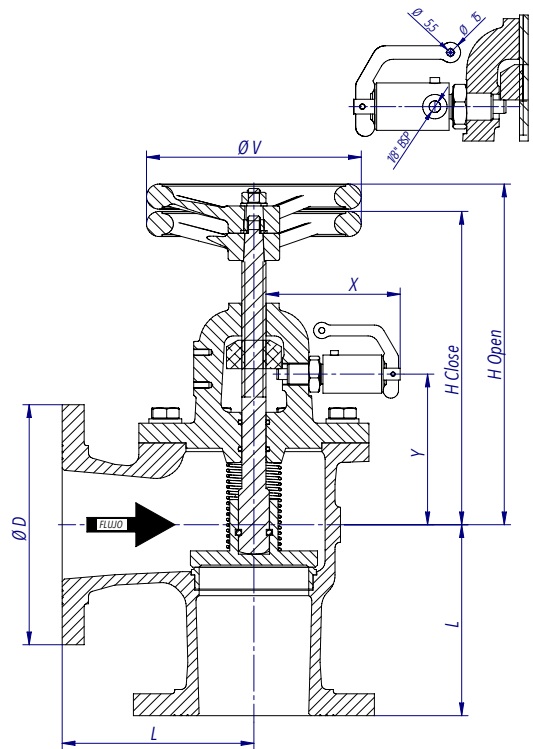
- ◆ With limit switch indicator.
- ◆ **Integrated Logistics Support (ILS):**
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

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	LEVER
G-212-CR	Mild Steel (GS-C 25) (EN10213/DIN 17245)	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	ØD	Flanges	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	**	175	201	115	160	95	5	SDGI212TABR16015
20	105	10/16	**	172	210	115	160	95	5	SDGI212TABR16020
25	115	10/16	**	170	201	115	160	95	7	SDGI212TABR16025
32	140	10/16	105	230	246	145	170	95	10	SDGI212TABR16032
40	150	10/16	115	226	242	145	170	95	12	SDGI212TABR16040
50	165	10/16	125	226	242	145	170	95	14	SDGI212TABR16050
65	185	10/16	145	269	286	200	175	125	20	SDGI212TABR16065
80	200	10/16	155	267	286	200	175	125	25	SDGI212TABR16080
100	220	10/16	175	290	307	200	180	185	35	SDGI212TABR16100
125	250	10/16	200	369	375	300	195	200	80	SDGI212TABR16125
150	285	10/16	225	360	400	300	195	215	82	SDGI212TABR16150

**Dimensions on request.

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

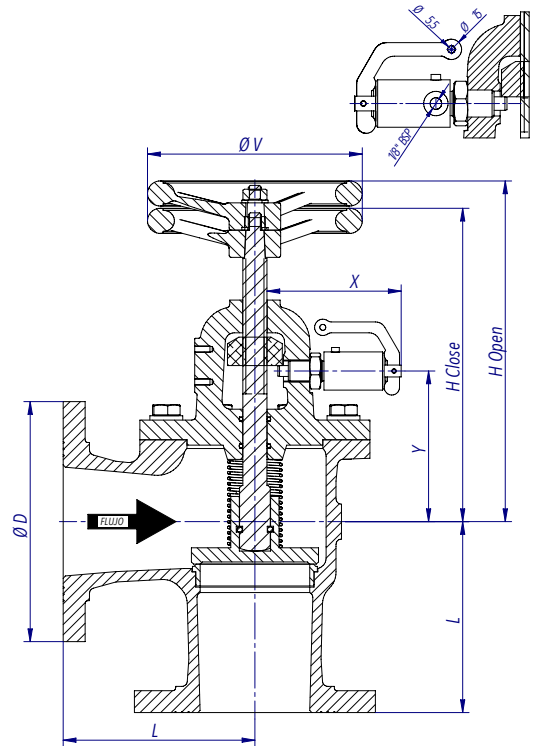
- ◆ With limit switch indicator.
- Integrated Logistics Support (ILS):**
 - ◆ Technical Documentation (accessible by QR).
 - ◆ Spare parts procurement (LCRS).
 - ◆ Logistics engineering (obsolescence/costs).

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	LEVER
G-616-CR	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A4	Aluminium



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

DIMENSIONS

DN	ØD	Flanges	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	**	175	201	115	160	95	5	SDGI616TABR16015
20	105	10/16	**	172	210	115	160	95	5	SDGI616TABR16020
25	115	10/16	**	170	201	115	160	95	7	SDGI616TABR16025
32	140	10/16	105	230	246	145	170	95	10	SDGI616TABR16032
40	150	10/16	115	226	242	145	170	95	12	SDGI616TABR16040
50	165	10/16	125	226	242	145	170	95	14	SDGI616TABR16050
65	185	10/16	145	269	286	200	175	125	20	SDGI616TABR16065
80	200	10/16	155	267	286	200	175	125	25	SDGI616TABR16080
100	220	10/16	175	290	307	200	180	185	35	SDGI616TABR16100
125	250	10/16	200	369	375	300	195	200	80	SDGI616TABR16125
150	285	10/16	225	360	400	300	195	215	82	SDGI616TABR16150

**Dimensions on request.

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

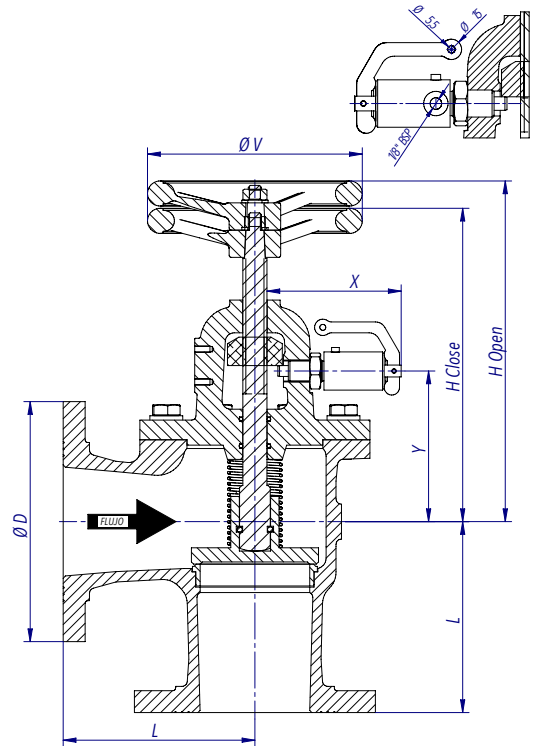
- ◆ With limit switch indicator.
- ◆ **Integrated Logistics Support (ILS):**
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

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	LEVER
G-412-CR	Nodular Cast Iron (GGG40.3) (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	ØD	Flanges	L	Hc	Ho	ØV	X	Y	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	mm	mm	mm	[kg]	SAVAL
15	95	10/16	**	175	201	115	160	95	5	SDGI412TABR16015
20	105	10/16	**	172	210	115	160	95	5	SDGI412TABR16020
25	115	10/16	**	170	201	115	160	95	7	SDGI412TABR16025
32	140	10/16	105	230	246	145	170	95	10	SDGI412TABR16032
40	150	10/16	115	226	242	145	170	95	12	SDGI412TABR16040
50	165	10/16	125	226	242	145	170	95	14	SDGI412TABR16050
65	185	10/16	145	269	286	200	175	125	20	SDGI412TABR16065
80	200	10/16	155	267	286	200	175	125	25	SDGI412TABR16080
100	220	10/16	175	290	307	200	180	185	35	SDGI412TABR16100
125	250	10/16	200	369	375	300	195	200	80	SDGI412TABR16125
150	285	10/16	225	360	400	300	195	215	82	SDGI412TABR16150

**Dimensions on request.



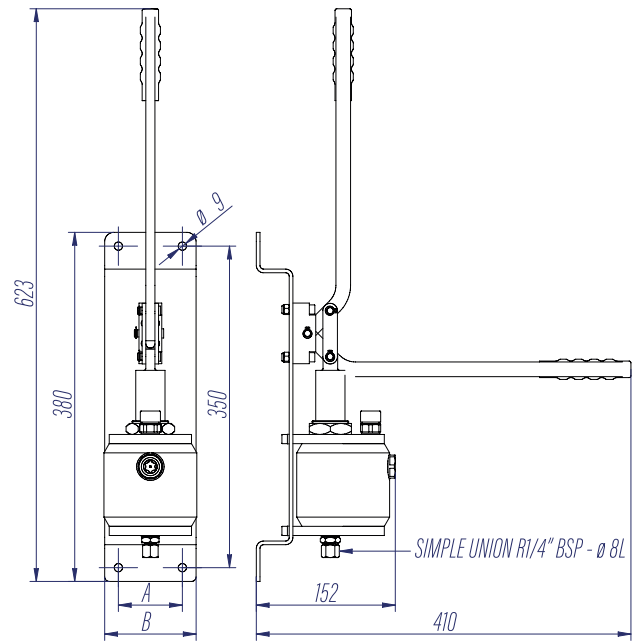
HYDRAULIC POWER UNIT

HYDRAULIC POWER 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.

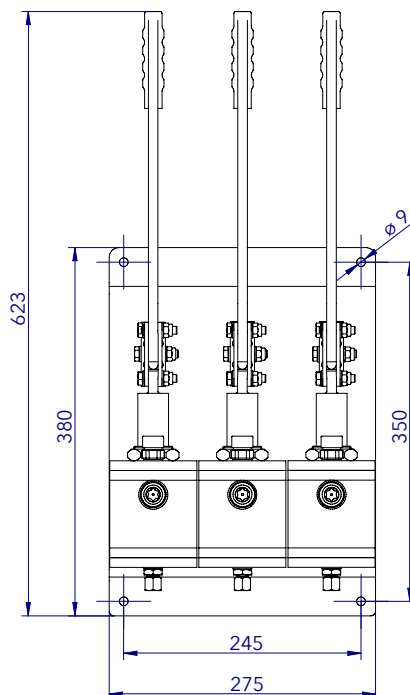
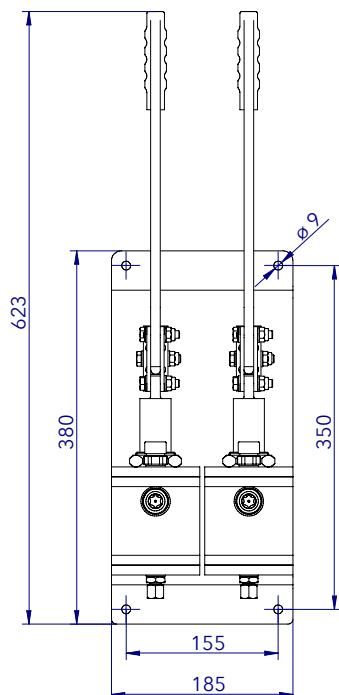


MATERIALS

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	8	F508400000000000
2	155	185	17	F5084000000000001
3	245	275	25	F5084000000000002





GATE VALVES

GATE VALVE

Rising stem. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 12288 (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

Integrated Logistics Support (ILS):

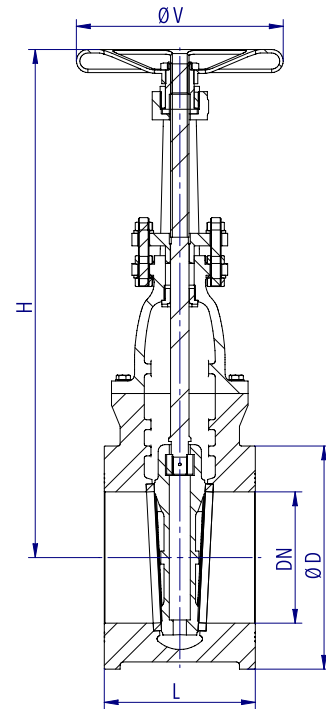
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

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	LEVER
CB-708	Rising stem	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN1982/DIN1714)	CuAl10Fe5Ni5 (EN1982/DIN1714)	Stainless S. A4	Nod.Cast GGG40.3 o Iron GG25



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

DIMENSIONS

DN	ØD	Flanges	L	H	ØV	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	[kg]	SAVAL
40	150	16	140	295	200	14	SDCB708TABR16040
50	165	16	150	315	200	18	SDCB708TABR16050
65	185	16	170	375	200	26	SDCB708TABR16065
80	200	16	180	425	200	30	SDCB708TABR16080
100	220	16	190	510	225	36	SDCB708TABR16100
125	250	16	200	545	225	52	SDCB708TABR16125
150	285	16	210	640	320	67	SDCB708TABR16150
200	340	10	230	795	360	123	SDCB708TABR10200
200	340	16	230	795	360	123	SDCB708TABR16200
250	395	10	250	980	400	165	SDCB708TABR10250
250	405	16	250	980	400	165	SDCB708TABR16250
300*	445	10	270	1110	500	265	SDCB708RDBR10300
350*	505	10	290	1270	500	345	SDCB708RDBR10350
400*	565	10	310	1370	640	440	SDCB708RDBR10400

* Supplied with gearbox.

GATE VALVE

Rising stem. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 1984 (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

Integrated Logistics Support (ILS):

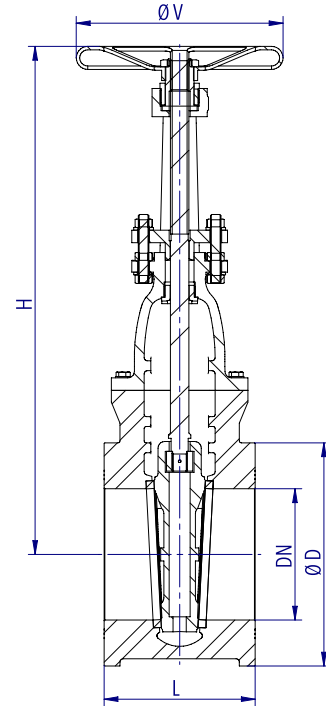
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

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	12,9

MATERIALS

DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	LEVER
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



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

DIMENSIONS

DN	ØD	Flanges	L	H	ØV	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	[kg]	SAVAL
40	150	16	140	295	200	10	SDCBxxxTABR16040
50	165	16	150	315	200	12,5	SDCBxxxTABR16050
65	185	16	170	375	200	17,5	SDCBxxxTABR16065
80	200	16	180	425	200	22,5	SDCBxxxTABR16080
100	220	16	190	510	225	32	SDCBxxxTABR16100
125	250	16	200	545	225	41,5	SDCBxxxTABR16125
150	285	16	210	640	320	60	SDCBxxxTABR16150
200	340	10	230	795	360	106	SDCBxxxTABR10200
200	340	16	230	795	360	106	SDCBxxxTABR16200
250	395	10	250	980	400	124	SDCBxxxTABR10250
250	405	16	250	980	400	124	SDCBxxxTABR16250
300*	445	10	270	1110	500	231	SDCBxxxRDBR10300
350*	505	10	290	1270	500	329	SDCBxxxRDBR10350
400*	565	10	310	1370	640	403,5	SDCBxxxRDBR10400

* Supplied with gearbox.
xxx = drawing number

GATE VALVE

Rising stem. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 1984 (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

Integrated Logistics Support (ILS):

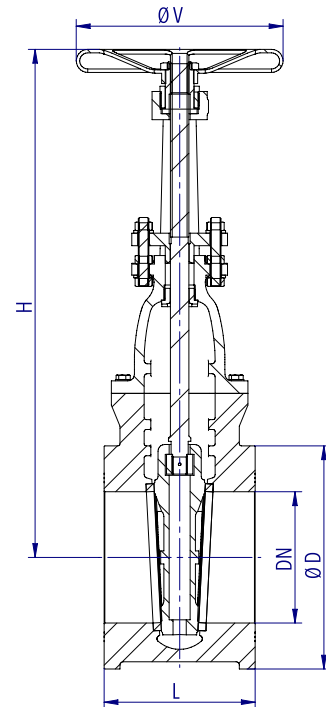
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

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	9,5
	Up to 225°C	7,3	7,3

MATERIALS

DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	LEVER
CB-606	Rising stem	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	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	ØD	Flanges	L	H	ØV	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	[kg]	SAVAL
40	150	16	140	295	200	10,5	SDCB606TABR16040
50	165	16	150	315	200	12,5	SDCB606TABR16050
65	185	16	170	375	200	18	SDCB606TABR16065
80	200	16	180	425	200	23	SDCB606TABR16080
100	220	16	190	510	225	32,5	SDCB606TABR16100
125	250	16	200	545	225	42,5	SDCB606TABR16125
150	285	16	210	640	320	61,5	SDCB606TABR16150
200	340	10	230	795	360	109	SDCB606TABR10200
200	340	16	230	795	360	109	SDCB606TABR16200
250	395	10	250	980	400	127	SDCB606TABR10250
250	405	16	250	980	400	127	SDCB606TABR16250
300*	445	10	270	1110	500	237	SDCB606RDBR10300
350*	505	10	290	1270	500	338	SDCB606RDBR10350
400*	565	10	310	1370	640	414	SDCB606RDBR10400

* Supplied with gearbox.

GATE VALVE

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

Integrated Logistics Support (ILS):

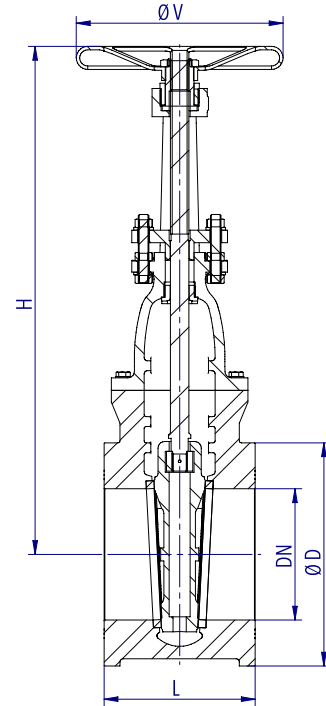
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

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	LEVER
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	ØD	Flanges	L	H	ØV	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	[kg]	SAVAL
40	150	16	140	295	200	9	SDCBxxxTABR16040
50	165	16	150	315	200	11,5	SDCBxxxTABR16050
65	185	16	170	375	200	16	SDCBxxxTABR16065
80	200	16	180	425	200	20,5	SDCBxxxTABR16080
100	220	16	190	510	225	29	SDCBxxxTABR16100
125	250	16	200	545	225	37,5	SDCBxxxTABR16125
150	285	16	210	640	320	54	SDCBxxxTABR16150
200	340	10	230	795	360	95,5	SDCBxxxTABR10200
200	340	16	230	795	360	95,5	SDCBxxxTABR16200
250	395	10	250	980	400	112	SDCBxxxTABR10250
250	405	16	250	980	400	112	SDCBxxxTABR16250
300*	445	10	270	1110	500	208	SDCBxxxRDBR10300
350*	505	10	290	1270	500	296	SDCBxxxRDBR10350
400*	565	10	310	1370	640	363	SDCBxxxRDBR10400

* Supplied with gearbox.
xxx = drawing number

GATE VALVE

Non rising stem. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 12288 (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	6,6	10,7

MATERIALS

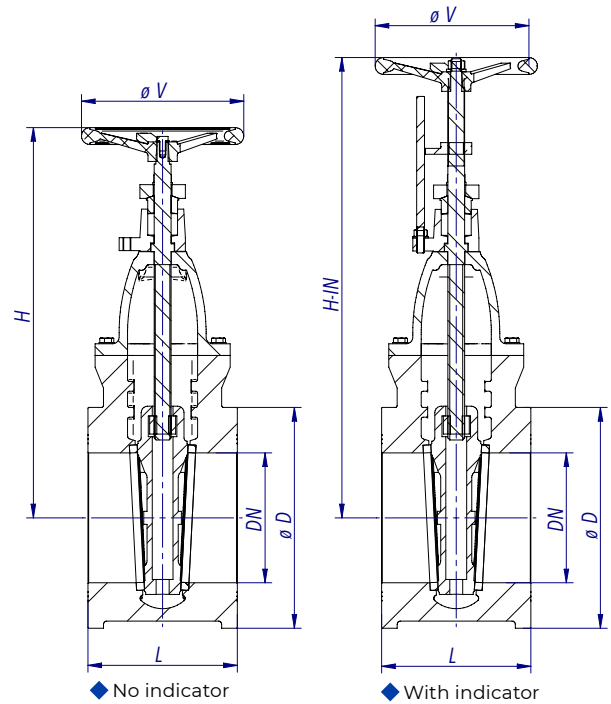
DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	LEVER
C-708	Non rising stem	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN1982/DIN1714)	CuAl10Fe5Ni5 (EN1982/DIN1714)	Stainless S. A4	Aluminium
C-708 IN	Non rising stem indicator	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN1982/DIN1714)	CuAl10Fe5Ni5 (EN1982/DIN1714)	Stainless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

DIMENSIONS

DN	ØD	Flanges	L	H	H - IN	ØV	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	mm	[kg]	SAVAL
40	150	16	140	250	280	140	11	SDCO708YYBR16040
50	165	16	150	260	310	140	13,5	SDCO708YYBR16050
65	185	16	170	285	340	150	19	SDCO708YYBR16065
80	200	16	180	326	385	150	23,5	SDCO708YYBR16080
100	220	16	190	372	440	200	32,5	SDCO708YYBR16100
125	250	16	200	427	485	200	44,5	SDCO708YYBR16125
150	285	16	210	465	530	250	60	SDCO708YYBR16150
200	340	10	230	600	710	300	110	SDCO708YYBR10200
200	340	16	230	600	710	300	110	SDCO708YYBR16200
250	395	10	250	660	-	325	130	SDCO708YYBR10250
250	405	16	250	660	-	325	130	SDCO708YYBR16250
300*	445	10	270	815	-	325	232	SDCO708YYBR10300
350*	505	10	290	995	-	325	323	SDCO708YYBR10350
400*	565	10	310	1050	-	325	413	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 (DIN 3352 T3).
- ◆ Face to face EN 558 series 14, (DIN 3202 F4).
- ◆ Flanges according to EN 1092 (DIN 2633 PN16).

OPTIONAL CHARACTERISTICS

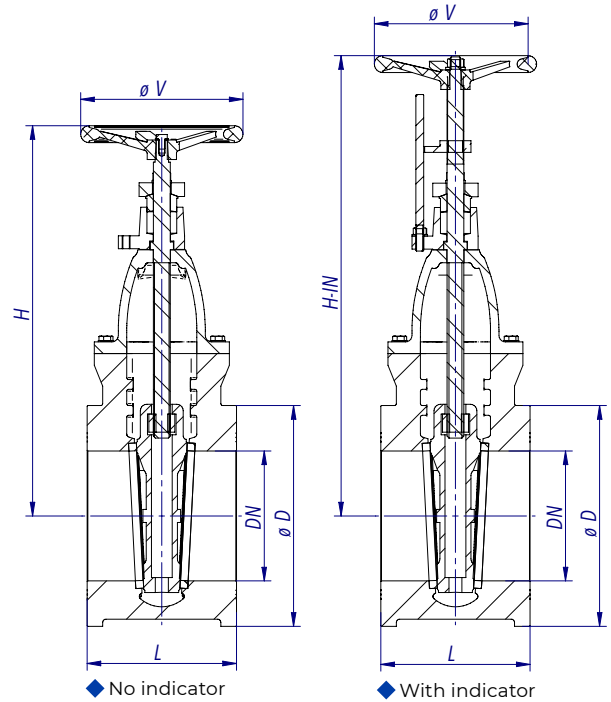
- ◆ Possibility to be motorized .
- ◆ Position indicator.

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	9,4	15
	Up to 225°C	8	12,9



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

MATERIALS

DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	LEVER
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	ØD	Flanges	L	H	H - IN	ØV	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	mm	[kg]	SAVAL
40	150	16	140	250	280	140	10	SDCOxxxYYBR16040
50	165	16	150	260	310	140	11,5	SDCOxxxYYBR16050
65	185	16	170	285	340	150	16	SDCOxxxYYBR16065
80	200	16	180	326	385	150	20,5	SDCOxxxYYBR16080
100	220	16	190	372	440	200	29	SDCOxxxYYBR16100
125	250	16	200	427	485	200	40	SDCOxxxYYBR16125
150	285	16	210	465	530	250	54	SDCOxxxYYBR16150
200	340	10	230	600	710	300	98	SDCOxxxYYBR10200
200	340	16	230	600	710	300	98	SDCOxxxYYBR16200
250	395	10	250	660	-	325	113,5	SDCOxxxYYBR10250
250	405	16	250	660	-	325	113,5	SDCOxxxYYBR16250
300*	445	10	270	815	-	325	206	SDCOxxxYYBR10300
350*	505	10	290	995	-	325	292	SDCOxxxYYBR10350
400*	565	10	310	1050	-	325	380	SDCOxxxYYBR10400

* Supplied with gearbox.
xxx = drawing number

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

GATE VALVE

Non rising stem. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 1984 (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	9,5	15,2
	Up to 225°C	7,3	11,7

MATERIALS

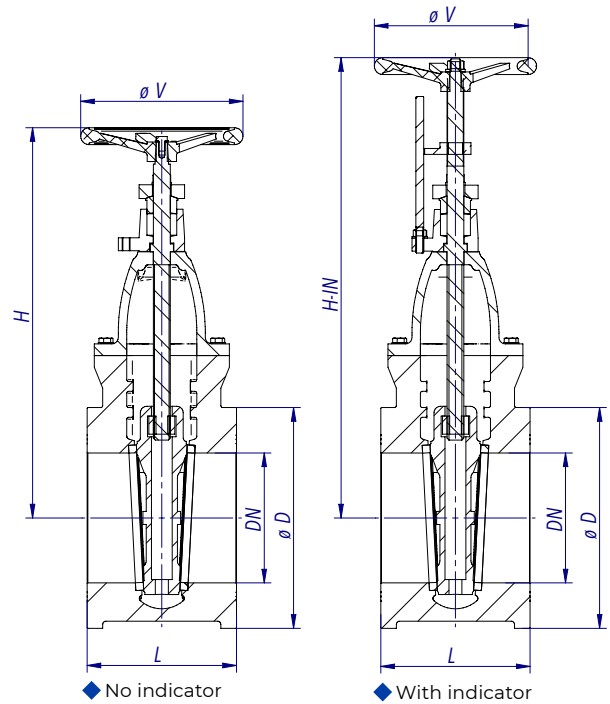
DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	LEVER
C-606	Non rising stem	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A4	Aluminium
C-606 IN	Non rising stem indicator	Stainless S. A316 (EN10088/DIN 17440)	Stainless S. A316 (EN10088/DIN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

DIMENSIONS

DN	ØD	Flanges	L	H	H - IN	ØV	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	mm	[kg]	SAVAL
40	150	16	140	250	280	140	10	SDCO606YYBR16040
50	165	16	150	260	310	140	12	SDCO606YYBR16050
65	185	16	170	285	340	150	16,5	SDCO606YYBR16065
80	200	16	180	326	385	150	21	SDCO606YYBR16080
100	220	16	190	372	440	200	30	SDCO606YYBR16100
125	250	16	200	427	485	200	41	SDCO606YYBR16125
150	285	16	210	465	530	250	56	SDCO606YYBR16150
200	340	10	230	600	710	300	100	SDCO606YYBR10200
200	340	16	230	600	710	300	100	SDCO606YYBR16200
250	395	10	250	660	-	325	121	SDCO606YYBR10250
250	405	16	250	660	-	325	121	SDCO606YYBR16250
300*	445	10	270	815	-	325	216	SDCO606YYBR10300
350*	505	10	290	995	-	325	304	SDCO606YYBR10350
400*	565	10	310	1050	-	325	389	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	10
Maximum working pressure, kg/cm ²	Up to 100°C	10 16	10
	Up to 225°C	8,9 14,3	8,9

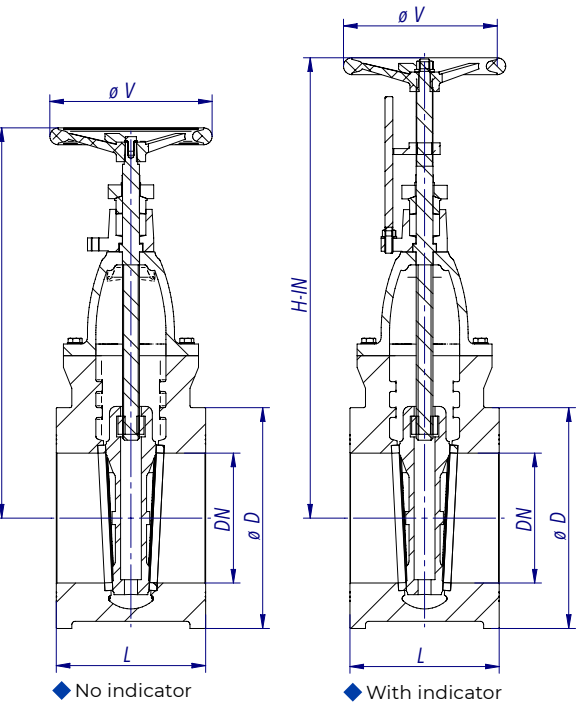
MATERIALS

DRAWING	TYPE	BODY	SEAT	STEM	SCREWS	LEVER
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	ØD	Flanges	L	H	H - IN	ØV	Weight	Code
mm	mm	PN(bar)	mm	mm	mm	mm	[kg]	SAVAL
40	150	16	140	250	280	140	9	SDCOxxxYYBR16040
50	165	16	150	260	310	140	11	SDCOxxxYYBR16050
65	185	16	170	285	340	150	15	SDCOxxxYYBR16065
80	200	16	180	326	385	150	19	SDCOxxxYYBR16080
100	220	16	190	372	440	200	26,3	SDCOxxxYYBR16100
125	250	16	200	427	485	200	36,1	SDCOxxxYYBR16125
150	285	16	210	465	530	250	49	SDCOxxxYYBR16150
200	340	10	230	600	710	300	88,3	SDCOxxxYYBR10200
200	340	16	230	600	710	300	88,3	SDCOxxxYYBR16200
250	395	10	250	660	-	325	103	SDCOxxxYYBR10250
250	405	16	250	660	-	325	103	SDCOxxxYYBR16250
300*	445	10	270	815	-	325	186	SDCOxxxYYBR10300
350*	505	10	290	995	-	325	263	SDCOxxxYYBR10350
400*	565	10	310	1050	-	325	342	SDCOxxxYYBR10400

* Supplied with gearbox.
xxx = drawing number



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

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



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):

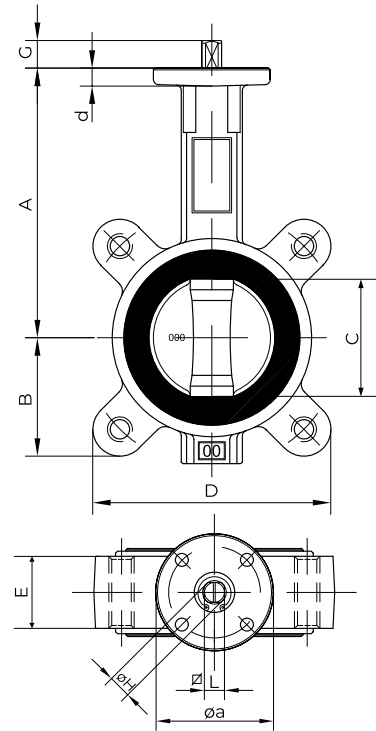
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-200	200-400
Nominal pressure	PN	10	16
Maximum working pressure in Kg/Cm ²	To 100°C	10	16

MATERIALS

DRAWING	TYPE	BODY	BUTTERFLY	SEATS	STEM
ML-728-N	Lug	Bronze (Rg10) (DIN 1705)	CuAl10Ni (EN 1982)	NBR	Stainless Steel 420
ML-728-E	Lug	Bronze (Rg10) (DIN 1705)	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	E	G	L	ØH	Øa	d	ISO Top	Torque	Weight	Code
mm	PN(bar)	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Flange	10/16 [Nm]	[kg]	SAVAL
32	10/16	130	53	25,5	106	33	16	11	13	65	10	F-05	10/16	2	SDML728YZ20516032
40	10/16	130	53	25,5	106	33	16	11	13	65	10	F-05	10/16	2	SDML728YZ20516040
50	10/16	135	62	28,5	119	43	16	11	13	65	10	F-05	12/17	3	SDML728YZ20516050
65	10/16	150	70,5	48	133	46	16	11	13	65	10	F-05	22/26	3,2	SDML728YZ20516065
80	10/16	160	89	68	178	46	19	11	13	65	10	F-05	25/30	5	SDML728YZ20516080
100	10/16	180	101	87	201	52	19	11	13	65	10	F-05	45/55	6	SDML728YZ20516100
125	10/16	196	116	113	232	56	19	14	17	65	10	F-05	74/86	8,3	SDML728YZ20516125
150	10/16	210	128	142	256	56	19	14	17	90	12	F-07	95/115	10	SDML728YZ20716150
200	10	240	161	191	323	60	24	17	21	90	12	F-07	143	18	SDML728YZ20710200
200	16	240	161	191	323	60	24	17	21	90	12	F-07	215	15,5	SDML728YZ20716200
250	10	275	195	240	390	68	29	22	26,5	125	15	F-10	272	29	SDML728YZ21010250
300	10	310	229	289	458	78	29	22	26,5	125	15	F-10	395	40	SDM728YZ21010300
350	10	335	262	330	423	78	29	22	26,5	150	18	F-12	500	-	SDML728YZ21210350
400	10	365	307	381	590	94	36	27	33	175	18	F-14	-	-	SDML728YZ21410400
450	10	407	358	439	640	96	40	36	48	175	18	F-14	-	-	SDML728YZ21410450

xxx = drawing number

Y = 1 Rilsan

Z = 1 EPDM

2 Without paint

2 NBR *more options available

BUTTERFLY VALVE

Lug. Bronze PN 10/16

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene- propylene thermopolymer ENB	Black	Mineral acid solutions, mineral bases alkaline solutions, organic salts dissolutions, alcohols, water and sea water.	Not recommended for organic hydrocarbons.	- 40° / 95°
NBR	Acrylonitrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic, hydrocarbons, animal fats, vegetable facts, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 100°
FPM (VITON)	Hexafluorpropylene copolymer vinylidene fluoride	Black	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (Max 130°C) unleaded gasoline, cetones, amines, freon-22.	- 5° / 180°
STEAM SILICONE		Grey	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and super heated water.	- 50° / 180°

* Others 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 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.
Hidraulic 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

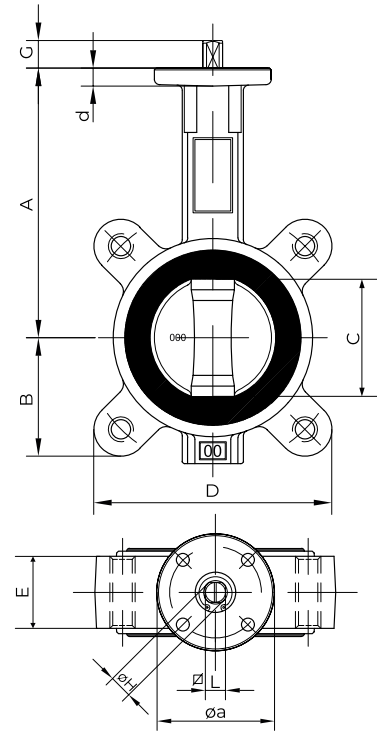
- ◆ Possibility to be motorized

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

Size	DN	32-200	200-400
Nominal pressure	PN	10	16
Maximum working pressure in Kg/Cm ²	To 100°C	10	16



MATERIALS

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

DRAWING	TYPE	BODY	BUTTERFLY	SEATS	STEM
ML-626-N	Lug	AISI 316 (ASTM 351/351MCF8M)	AISI 316 (ASTM 351/351MCF8M)	NBR	Stainless Steel 420
ML-626-E	Lug	AISI 316 (ASTM 351/351MCF8M)	AISI 316 (ASTM 351/351MCF8M)	EPDM	Stainless Steel 420

DIMENSIONS

DN	Flanges	A	B	C	D	E	G	L	ØH	Øa	d	ISO Top Flange	Torque 10/16 [Nm]	Weight [kg]	Code
32	10/16	130	53	25,5	106	33	16	11	13	65	10	F-05	10/16	2	SDML626YZ20516032
40	10/16	130	53	25,5	106	33	16	11	13	65	10	F-05	10/16	2	SDML626YZ20516040
50	10/16	135	62	28,5	119	43	16	11	13	65	10	F-05	12/17	3	SDML626YZ20516050
65	10/16	150	70,5	48	133	46	16	11	13	65	10	F-05	22/26	3,2	SDML626YZ20516065
80	10/16	160	89	68	178	46	19	11	13	65	10	F-05	25/30	5	SDML626YZ20516080
100	10/16	180	101	87	201	52	19	11	13	65	10	F-05	45/55	6	SDML626YZ20516100
125	10/16	196	116	113	232	56	19	14	17	65	10	F-05	74/86	8,3	SDML626YZ20516125
150	10/16	210	128	142	256	56	19	14	17	90	12	F-07	95/115	10	SDML626YZ20716150
200	10	240	161	191	323	60	24	17	21	90	12	F-07	143	18	SDML626YZ20710200
200	16	240	161	191	323	60	24	17	21	90	12	F-07	215	15,5	SDML626YZ20716200
250	10	275	195	240	390	68	29	22	26,5	125	15	F-10	272	29	SDML626YZ21010250
300	10	310	229	289	458	78	29	22	26,5	125	15	F-10	395	40	SDML626YZ21010300
350	10	335	262	330	423	78	29	22	26,5	150	18	F-12	500	-	SDML626YZ21210350
400	10	365	307	381	590	94	36	27	33	175	18	F-14	-	-	SDML626YZ21410400
450	10	407	358	439	640	96	40	36	48	175	18	F-14	-	-	SDML626YZ21410450

xxx = drawing number

Y = 1 Rilsan

Z = 1 EPDM

2 Without paint

2 NBR

*more options available

BUTTERFLY VALVE

Lug. Stainless Steel PN 10/16

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene- propylene thermopolymer ENB	Black	Mineral acid solutions, mineral bases alkaline solutions, organic salts dissolutions,alcohols, water and sea water.	Not recommended for organic hydrocarbons.	- 40° / 95°
NBR	Acrylonitrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic, hydrocarbons, animal fats, vegetable facts, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 100°
FPM (VITON)	Hexafluorpropylene copolymer vinylidene fluoride	Black	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (Max 130°C) unleaded gasoline, cetones, amines, freon-22.	- 5° / 180°
STEAM SILICONE		Grey	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and super heated water.	- 50° / 180°

* Others 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 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.
Hidraulic 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).

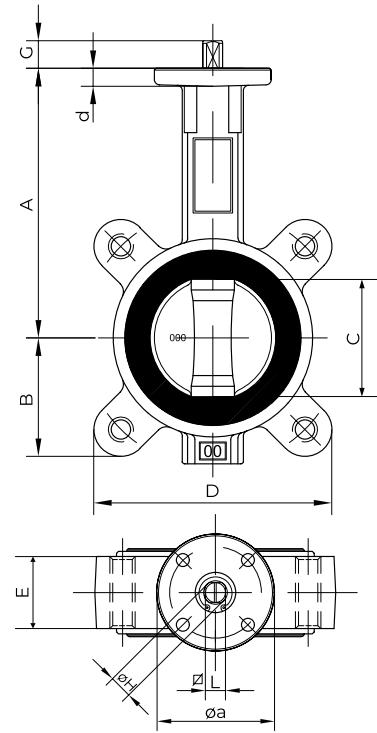
WORKING CONDITIONS

Size	DN	32-200	200-400
Nominal pressure	PN	10	16
Maximum working pressure in Kg/Cm ²	To 100°C	10	16

MATERIALS

DRAWING	TYPE	BODY	BUTTERFLY	SEATS	STEM
ML-406-N	Lug	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	AISI 316 (ASTM 351/351MCF8M)	NBR	Stainless Steel 420
ML-406-E	Lug	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	AISI 316 (ASTM 351/351MCF8M)	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

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



DIMENSIONS

DN	Flanges	A	B	C	D	E	G	L	ØH	Øa	d	ISO Top Flange	Torque 10/16 [Nm]	Weight [kg]	Code SAVAL
32	10/16	130	53	25,5	106	33	16	11	13	65	10	F-05	10/16	2	SDMLxxxYZ20516032
40	10/16	130	53	25,5	106	33	16	11	13	65	10	F-05	10/16	2	SDMLxxxYZ20516040
50	10/16	135	62	28,5	119	43	16	11	13	65	10	F-05	12/17	3	SDMLxxxYZ20516050
65	10/16	150	70,5	48	133	46	16	11	13	65	10	F-05	22/26	3,2	SDMLxxxYZ20516065
80	10/16	160	89	68	178	46	19	11	13	65	10	F-05	25/30	5	SDMLxxxYZ20516080
100	10/16	180	101	87	201	52	19	11	13	65	10	F-05	45/55	6,0	SDMLxxxYZ20516100
125	10/16	196	116	113	232	56	19	14	17	65	10	F-05	74/86	8,3	SDMLxxxYZ20516125
150	10/16	210	128	142	256	56	19	14	17	90	12	F-07	95/115	10	SDMLxxxYZ20716150
200	10	240	161	191	323	60	24	17	21	90	12	F-07	143	18	SDMLxxxYZ20710200
200	16	240	161	191	323	60	24	17	21	90	12	F-07	215	15,5	SDMLxxxYZ20716200
250	10	275	195	240	390	68	29	22	26,5	125	15	F-10	272	29	SDMLxxxYZ21010250
300	10	310	229	289	458	78	29	22	26,5	125	15	F-10	395	40	SDMLxxxYZ21010300
350	10	335	261,3	330	423	78	29	22	26,5	150	18	F-12	500	-	SDMLxxxYZ21210350
400	10	365	307	381	590	94	36	27	33	175	18	F-14	-	-	SDMLxxxYZ21410400
450	10	407	358	439	640	96	40	36	48	175	18	F-14	-	-	SDMLxxxYZ21410450

xxx = drawing number

Y = 1 Rilsan

Z = 1 EPDM

2 Without paint

2 NBR

*more options available

BUTTERFLY VALVE

Lug. Nodular Cast Iron PN 10/16

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene- propylene thermopolymer ENB	Black	Mineral acid solutions, mineral bases alkaline solutions, organic salts dissolutions,alcohols, water and sea water.	Not recommended for organic hydrocarbons.	- 40° / 95°
NBR	Acrylonitrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic, hydrocarbons, animal fats, vegetable facts, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 100°
FPM (VITON)	Hexafluorpropylene copolymer vinylidene fluoride	Black	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (Max 130°C) unleaded gasoline, cetones, amines, freon-22.	- 5° / 180°
STEAM SILICONE		Grey	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and super heated water.	- 50° / 180°

* Others 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 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.
Hidraulic 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	32-200	200-350
Nominal pressure	PN	10	16
Maximum working pressure in Kg/Cm ²	To 100°C	10	16

MATERIALS

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

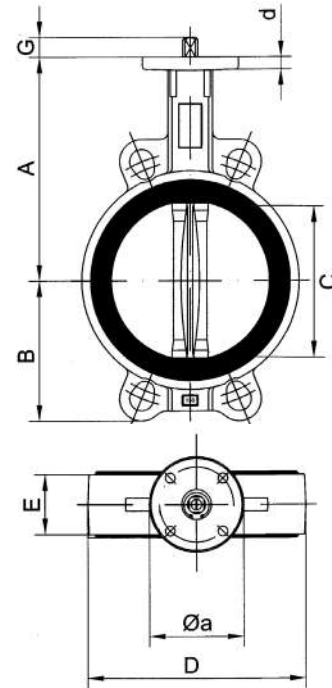
DIMENSIONS

DN	Flanges	A	B	C	D	E	G	L	ØH	Øa	d	ISO Top Flange	Torque 10/16 [Nm]	Weight [kg]	Code
mm	PN(bar)	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				SAVAL
32	10/16	130	55	24,5	76	33	16	11	13	65	10	F-05	10/16	1,5	SDMW728YZ20516032
40	10/16	130	55	24,5	76	33	16	11	13	65	10	F-05	10/16	1,5	SDMW728YZ20516040
50	10/16	135	63	27,5	94	43	16	11	13	65	10	F-05	12/17	2,2	SDMW728YZ20516050
65	10/16	150	71,5	47,5	111	46	16	11	13	65	10	F-05	22/26	3	SDMW728YZ20516065
80	10/16	160	91	67	127	46	19	11	13	65	10	F-05	25/30	3,4	SDMW728YZ20516080
100	10/16	180	106	87	151	52	19	11	13	65	10	F-05	45/55	5	SDMW728YZ20516100
125	10/16	196	121	113	180	56	19	14	17	65	10	F-05	74/86	6,2	SDMW728YZ20516125
150	10/16	210	133	142	206	56	19	14	17	90	12	F-07	95/115	8	SDMW728YZ20716150
200	10	240	164	191	261	60	24	17	21	90	12	F-07	143	12	SDMW728YZ20710200
200	16	240	164	191	261	60	24	17	21	90	12	F-07	215	12	SDMW728YZ20716200
250	10	275	199	240	318	68	29	22	26,5	125	15	F-10	272	22	SDMW728YZ21010250
300	10	310	233	289	372	78	29	22	26,5	125	15	F-10	395	30,2	SDMW728YZ21010300
350	10	335	258	330	421	78	29	22	26,5	150	18	F-12	500	35	SDMW728YZ21210350
400	10	365	307	381	471	102	36	27	33	175	18	F-14	-	-	SDMW728YZ21010400
450	10	403	358	439	532	114	40	36	48	175	18	F-14	-	-	SDMW728YZ21210450

xxx = drawing number

Y = 1 Rilsan
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. Bronze PN 10/16

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene- propylene thermopolymer ENB	Black	Mineral acid solutions, mineral bases alkaline solutions, organic salts dissolutions,alcohols, water and sea water.	Not recomended for organic hydrocarbons.	- 40° / 95°
NBR	Acrylontrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic, hydrocarbons, animal fats, vegetable facts, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 100°
FPM (VITON)	Hexafluorpropylene copolymer vinylidine fluoride	Black	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (Max 130°C) unleaded gasoline, cetones, amines, freon-22.	- 5° / 180°
STEAM SILICONE		Grey	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and super heated water.	- 50° / 180°

* Others 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 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.
Hidraulic 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

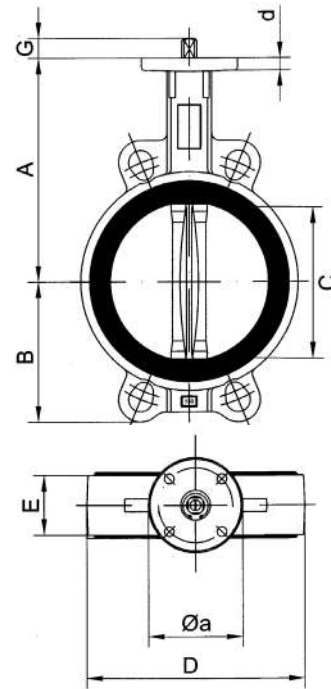
- ◆ Possibility to be motorized

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

Size	DN	32-200	200-350
Nominal pressure	PN	10	16
Maximum working pressure in Kg/Cm ²	To 100°C	10	16



MATERIALS

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

DRAWING	TYPE	BODY	BUTTERFLY	SEAT	STEM
MW-626-N	Wafer	AISI 316 (ASTM 351/351MCF8M)	AISI 316 (ASTM 351/351MCF8M)	NBR	Stainless Steel 420
MW-626-E	Wafer	AISI 316 (ASTM 351/351MCF8M)	AISI 316 (ASTM 351/351MCF8M)	EPDM	Stainless Steel 420

DIMENSIONS

DN	Flanges	A	B	C	D	E	G	L	ØH	Øa	d	ISO Top Flange	Torque 10/16 [Nm]	Weight [kg]	Code SAVAL
32	10/16	130	55	24,5	76	33	16	11	13	65	10	F-05	10/16	1,5	SDMW626YZ20516032
40	10/16	130	55	24,5	76	33	16	11	13	65	10	F-05	10/16	1,5	SDMW626YZ20516040
50	10/16	135	63	27,5	94	43	16	11	13	65	10	F-05	12/17	2,2	SDMW626YZ20516050
65	10/16	150	71,5	47,5	111	46	16	11	13	65	10	F-05	22/26	3	SDMW626YZ20516065
80	10/16	160	91	67	127	46	19	11	13	65	10	F-05	25/30	3,4	SDMW626YZ20516080
100	10/16	180	106	87	151	52	19	11	13	65	10	F-05	45/55	5	SDMW626YZ20516100
125	10/16	196	121	113	180	56	19	14	17	65	10	F-05	74/86	6,2	SDMW626YZ20516125
150	10/16	210	133	142	206	56	19	14	17	90	12	F-07	95/115	8	SDMW626YZ20716150
200	10	240	164	191	261	60	24	17	21	90	12	F-07	143	12	SDMW626YZ20710200
200	16	240	164	191	261	60	24	17	21	90	12	F-07	215	12	SDMW626YZ20716200
250	10	275	199	240	318	68	29	22	26,5	125	15	F-10	272	22	SDMW626YZ21010250
300	10	310	233	289	372	78	29	22	26,5	125	15	F-10	395	30,2	SDMW626YZ21010300
350	10	335	258	330	421	78	29	22	26,5	150	18	F-12	500	35	SDMW626YZ21210350
400	10	365	307	381	471	102	36	27	33	175	18	F-14	-	-	SDMW626YZ21010400
450	10	403	358	439	532	114	40	36	48	175	18	F-14	-	-	SDMW626YZ21210450

xxx = drawing number

Y = 1 Rilsan

Z = 1 EPDM

2 Without paint

2 NBR

*more options available

BUTTERFLY VALVE

Wafer. Stainless Steel PN 10/16

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene- propylene thermopolymer ENB	Black	Mineral acid solutions, mineral bases alkaline solutions, organic salts dissolutions, alcohols, water and sea water.	Not recommended for organic hydrocarbons.	- 40° / 95°
NBR	Acrylonitrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic, hydrocarbons, animal fats, vegetable facts, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 100°
FPM (VITON)	Hexafluorpropylene copolymer vinylidene fluoride	Black	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (Max 130°C) unleaded gasoline, cetones, amines, freon-22.	- 5° / 180°
STEAM SILICONE		Grey	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and super heated water.	- 50° / 180°

* Others 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 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.
Hidraulic 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):

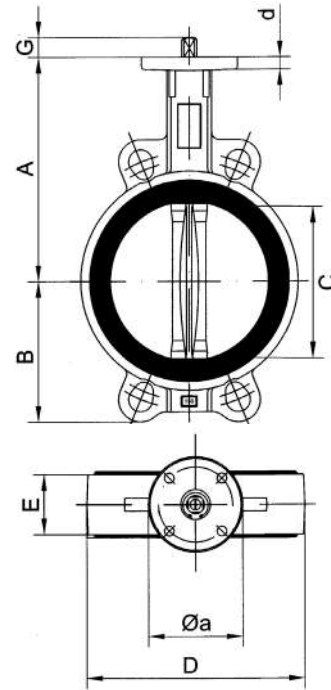
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	32-200	200-350
Nominal pressure	PN	10	16
Maximum working pressure in Kg/Cm ²	To 100°C	10	16

MATERIALS

DRAWING	TYPE	BODY	BUTTERFLY	SEATS	STEM
MW-406-N	Wafer	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	AISI 316 (ASTM 351/351MCF8M)	NBR	Stainless Steel 420
MW-406-E	Wafer	Nodular Cast Iron GGG40 (EN GJS 400-15/JS1030)	AISI 316 (ASTM 351/351MCF8M)	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	E	G	L	ØH	Øa	d	ISO Top Flange	Torque 10/16 [Nm]	Weight [kg]	Code SAVAL
32	10/16	130	55	24,5	76	33	16	11	13	65	10	F-05	10/16	1,5	SDMWxxxYZ20516032
40	10/16	130	55	24,5	76	33	16	11	13	65	10	F-05	10/16	1,5	SDMWxxxYZ20516040
50	10/16	135	63	27,5	94	43	16	11	13	65	10	F-05	12/17	2,2	SDMWxxxYZ20516050
65	10/16	150	71,5	47,5	111	46	16	11	13	65	10	F-05	22/26	3	SDMWxxxYZ20516065
80	10/16	160	91	67	127	46	19	11	13	65	10	F-05	25/30	3,4	SDMWxxxYZ20516080
100	10/16	180	106	87	151	52	19	11	13	65	10	F-05	45/55	5	SDMWxxxYZ20516100
125	10/16	196	121	113	180	56	19	14	17	65	10	F-05	74/86	6,2	SDMWxxxYZ20516125
150	10/16	210	133	142	206	56	19	14	17	90	12	F-07	95/115	8	SDMWxxxYZ20716150
200	10	240	164	191	261	60	24	17	21	90	12	F-07	143	12	SDMWxxxYZ20710200
200	16	240	164	191	261	60	24	17	21	90	12	F-07	215	12	SDMWxxxYZ20716200
250	10	275	199	240	318	68	29	22	26,5	125	15	F-10	272	22	SDMWxxxYZ21010250
300	10	310	233	289	372	78	29	22	26,5	125	15	F-10	395	30,2	SDMWxxxYZ21010300
350	10	335	258	330	421	78	29	22	26,5	150	18	F-12	500	35	SDMWxxxYZ21210350
300	10	310	233	289	372	78	29	22	26,5	125	15	F-10	395	30,2	SDMWxxxYZ21010300
350	10	335	258	330	421	78	29	22	26,5	150	18	F-12	500	35	SDMWxxxYZ21210350
400	10	365	307	381	471	102	36	27	33	175	18	F-14	-	-	SDMWxxxYZ21010400
450	10	403	358	439	532	114	40	36	48	175	18	F-14	-	-	SDMWxxxYZ21210450

xxx = drawing number

Y = 1 Rilsan
2 Without paint

Z = 1 EPDM
2 NBR *more options available

BUTTERFLY VALVE

Wafer. Nodular Cast Iron PN 10/16

ELASTIC RINGS -ELASTIC RINGS SELECTION

TYPE	COMPOSITION	COLOUR	APLICATIONS	LIMITATIONS	WORKING TEMP.
EPDM	Ethylene- propylene thermopolymer ENB	Black	Mineral acid solutions, mineral bases alkaline solutions, organic salts dissolutions,alcohols, water and sea water.	Not recommended for organic hydrocarbons.	- 40° / 95°
NBR	Acrylonitrile-butadiene copolymer	Black	Mineral oils, vegetable oils, gas, non-aromatic, hydrocarbons, animal fats, vegetable facts, air.	Organic acids, some mineral acids, chlorine, alcohols, aromatic hydrocarbons.	- 10° / 100°
FPM (VITON)	Hexafluorpropylene copolymer vinylidene fluoride	Black	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and hot water (Max 130°C) unleaded gasoline, cetones, amines, freon-22.	- 5° / 180°
STEAM SILICONE		Grey	Acids, facts, hydrocarbons, vegetable and mineral oils, fuels.	Steam and super heated water.	- 50° / 180°

* Others 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 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.
Hidraulic actuation	Linear, double acting or spring return.
Electric actuation	Electric actuators.



BALL VALVES

BALL VALVE

3 - 4 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):

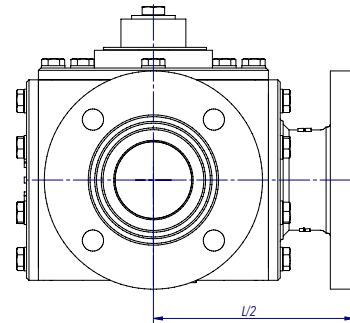
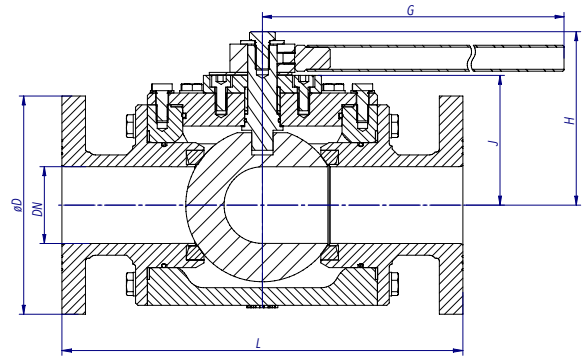
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

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	D	L	J	G	H	ISO Top Flange	Weight [kg]	Code SAVAL
25*	115	230	-	-	-	F05	-	SDBFxxxTVYY16025
32*	140	260	-	-	-	F05	-	SDBFxxxTVYY16032
40	150	260	90	300	130	F07	30	SDBFxxxTVYY16040
50	165	300	105	300	145	F07	51	SDBFxxxTVYY16050
65	185	340	110	460	150	F07	63,5	SDBFxxxTVYY16065
80	200	380	121	750	160	F10	85	SDBFxxxTVYY16080
100	220	430	144	750	182	F10	132	SDBFxxxTVYY16100

* Upon request.
xxx = drawing number

YY = LM Ball in L and motorized.
TM Ball in T and motorized.

BALL VALVE

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

CHARACTERISTICS

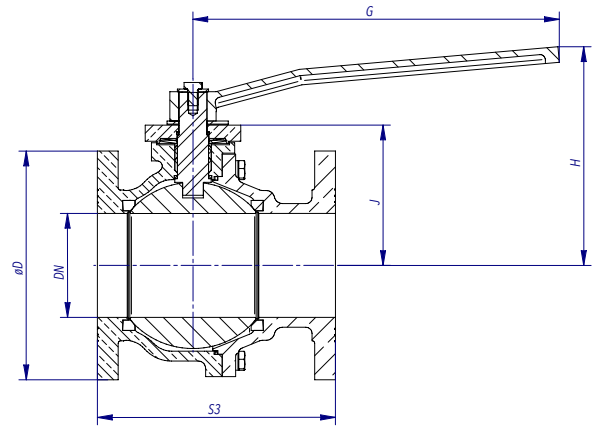
Design:

- ◆ Three-piece body. Full bore DIN 13547.
- ◆ Flange spacing EN 558-1 Series 3 (ANSI B16.10 150Lbs).
- ◆ Flanges acc. 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	15-125	
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	S3	J	H	G	ISO Top Flange	Torque	Weight [kg]	Code SAVAL
15	95	108	47	100	155	F05	8	5	SDBF7082AS316015
20	105	117	58	112	155	F05	10	7	SDBF7082AS316020
25	115	127	62	115	155	F05	15	8	SDBF7082AS316025
32	140	140	68	121	155	F05	20	10	SDBF7082AS316032
40	150	165	81	142	215	F07	30	10,5	SDBF7082AS316040
50	165	178	89	150	215	F07	45	13,5	SDBF7082AS316050
65	185	190	101	161	215	F07	55	18	SDBF7082AS316065
80	200	203	122	196	350	F10	85	26	SDBF7082AS316080
100	220	229	136	211	350	F10	110	33,5	SDBF7082AS316100
125	250	275	178	300	800	F12	140	76	SDBF7082AS316125

BALL VALVE

2 Way. Flanged. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ Three-piece body. Full bore DIN 13547.
- ◆ Flange spacing EN 558-1 Series 3 (ANSI B16.10 150Lbs).
- ◆ Flanges acc. to EN 1092.
- ◆ Prepared for ISO TOP 5211 actuator.

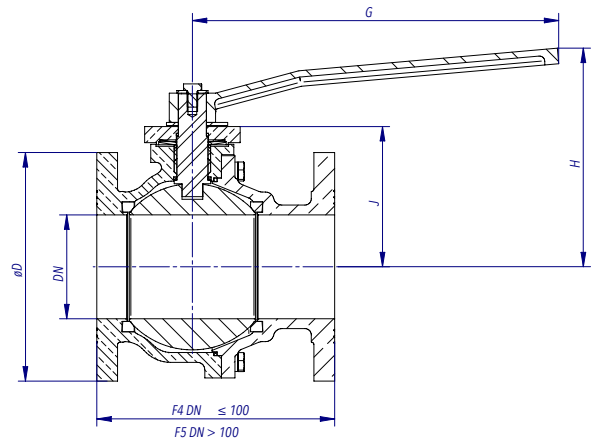
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

Size	DN	15-150	
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	F4	F5	J	H	G	ISO Top Flange	Torque	Weight [kg]	Code
mm	mm	mm	mm	mm	mm	mm				SAVAL
15	95	115	-	47	100	185	F05	8	5	SDBFxxx2AF416015
20	105	120	-	58	112	185	F05	10	7	SDBFxxx2AF416020
25	115	125	-	62	115	185	F05	15	8	SDBFxxx2AF416025
32	140	130	-	68	121	185	F05	20	10	SDBFxxx2AF416032
40	150	140	-	81	142	215	F07	30	10,5	SDBFxxx2AF416040
50	165	150	-	89	150	215	F07	45	13,5	SDBFxxx2AF416050
65	185	170	-	101	161	215	F07	55	18	SDBFxxx2AF416065
80	200	180	-	122	196	350	F10	85	26	SDBFxxx2AF416080
100	220	190	-	136	211	350	F10	110	33,5	SDBFxxx2AF416100
125	250	-	325	169	226	545	F12	240	77	SDBFxxx2AF416125
150	285	-	350	188	244	800	F12	380	85	SDBFxxx2AF416150

xxx = drawing number

BALL VALVE

3-Piece - Weld Ends. PN 10/16

CHARACTERISTICS

Design:

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

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

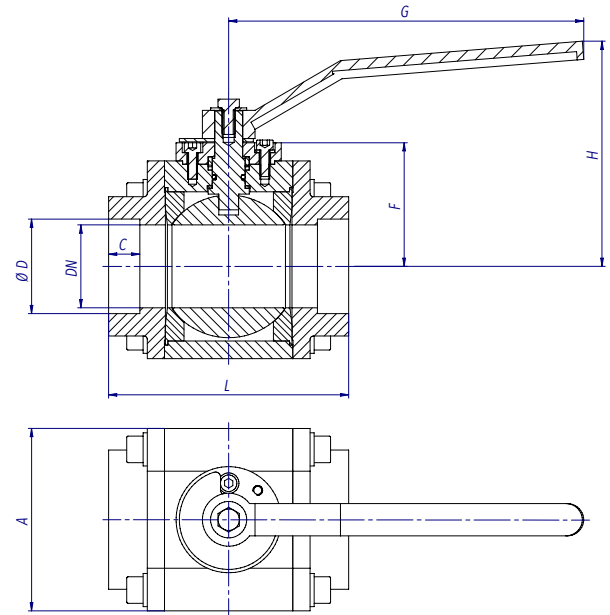
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).

WORKING CONDITIONS

Size	DN	8-50	
Nominal pressure	PN	16	10
Maximum working pressure, kg/cm ²	Up to 100°C	16	10

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.

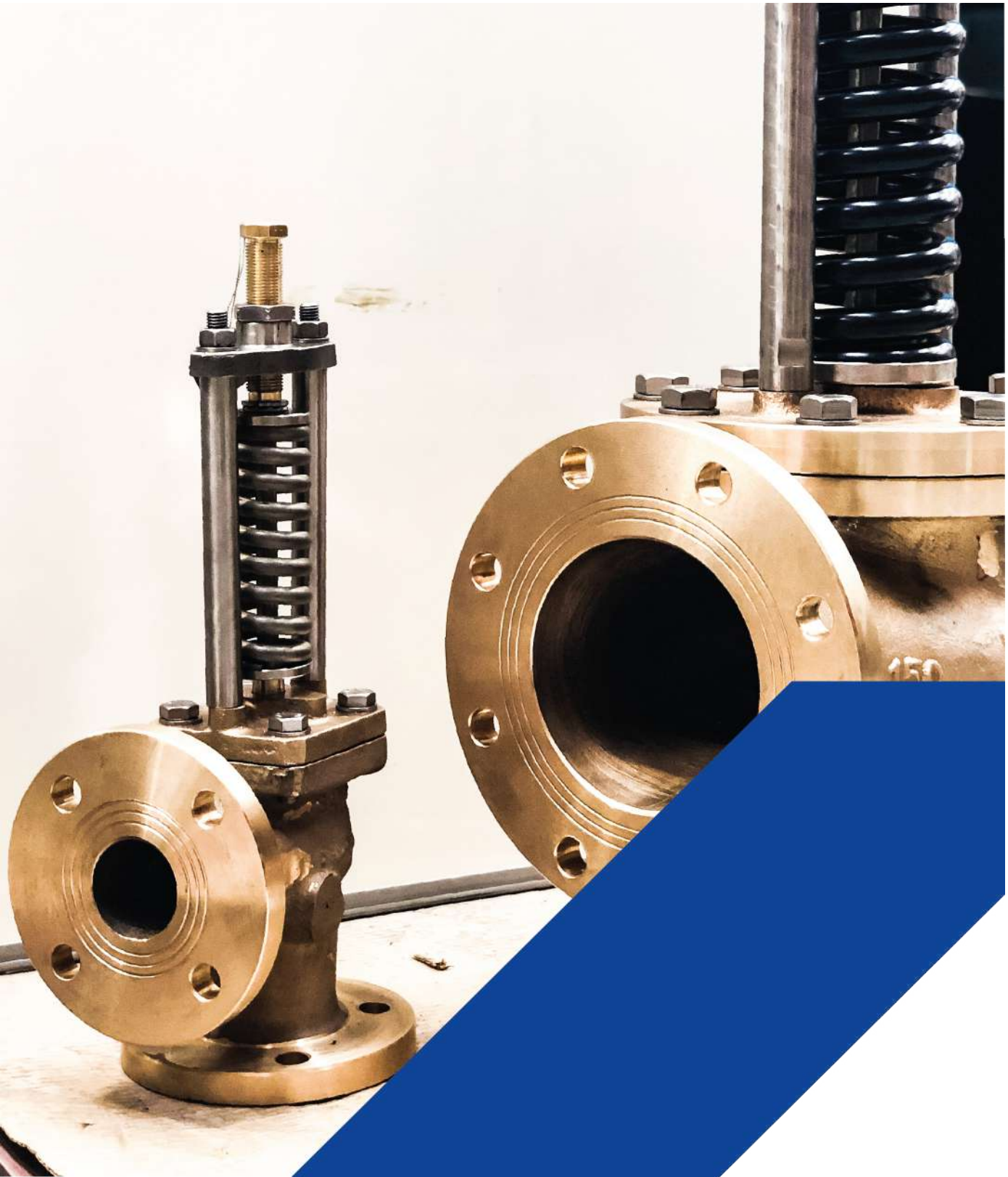


- ◆ Hydraulic tightness and sealing test according to EN 12266-1
100% Valves tested.

DIMENSIONS

DN		ØD	A	L	C(min)	H	F	Top Flange	G	Weight	Code
Inches	mm	mm	mm	mm	mm	mm	mm		mm	[kg]	SAVAL
3/8	10	16	56	74	8	92	39	F03	181	1,7	SDBFxxxN3ASW25010
1/2	15	16	56	74	10	92	39	F03	181	1,7	SDBFxxxN3ASW2501516
1/2	15	20	56	74	10	92	39	F03	181	1,7	SDBFxxxN3ASW2501520
3/4	20	25	56	95	15	92	45	F03	181	1,8	SDBFxxxN3ASW25020
1	25	30	68	109	12	98	50	F03	181	2,5	SDBFxxxN3ASW25025
1 1/4	32	38	80	118	13,5	103	68	F03	181	3,6	SDBFxxxN3ASW25032
1 1/2	40	45	100	128	16	129	75	F05	215	6,3	SDBFxxxN3ASW25040
2	50	57	110	146	19	136	75	F05	215	8,7	SDBFxxxN3ASW25050

xxx = drawing number



SAFETY VALVES

SAFETY VALVE

Straight. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 3356 part 5) / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1, (DIN 3202 F1).
- ◆ Flanged acc. to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

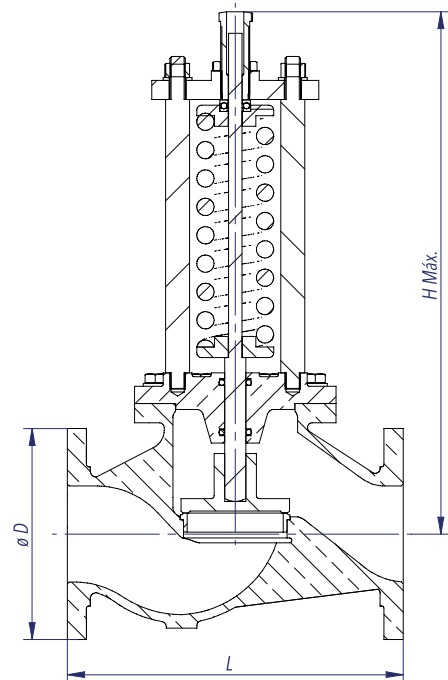
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).
- ◆ Pressure setting according to the customer's needs.

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



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

DIMENSIONS

DN	D	L	Pressure adjustment range	H Máx	Weight	Code
mm	mm	mm	bar	mm	[kg]	SAVAL
15	95	130	02-05/06-09/10-16/17-25	260/260/260/260	7,5	SDSExxxYYYY16015
20	105	150	02-05/06-09/10-16/17-25	260/260/260/260	8	SDSExxxYYYY16020
25	115	160	02-05/06-09/10-16/17-25	260/260/260/295	9	SDSExxxYYYY16025
32	140	180	02-07/08-12/13-25	295/295/355	13,5	SDSExxxYYYY16032
40	150	200	02-05/06-09/10-16/17-25	295/310/365/365	14	SDSExxxYYYY16040
50	165	230	02-05/06-09/10-16/17-25	305/365/375/410	17	SDSExxxYYYY16050
65	185	290	02-06/07-16/17-25	380/385/510	31,5	SDSExxxYYYY16065
80	200	310	02-05/06-09/10-16/17-25	380/385/510/510	36,5	SDSExxxYYYY16080
100	220	350	02-06/07-10/11-16	420/540/540	49	SDSExxxYYYY16100
125	250	400	02-06/07-12/13-16	610/690/910	88,5	SDSExxxYYYY16125
150	285	480	02-04/05-08/09-16	615/715/940	118,5	SDSExxxYYYY16150

xxx = drawing number

YYYY = pressure adjustment range.

SAFETY VALVE

Straight. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 3356 part 5) / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1, (DIN 3202 F1).
- ◆ Flanged acc. to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

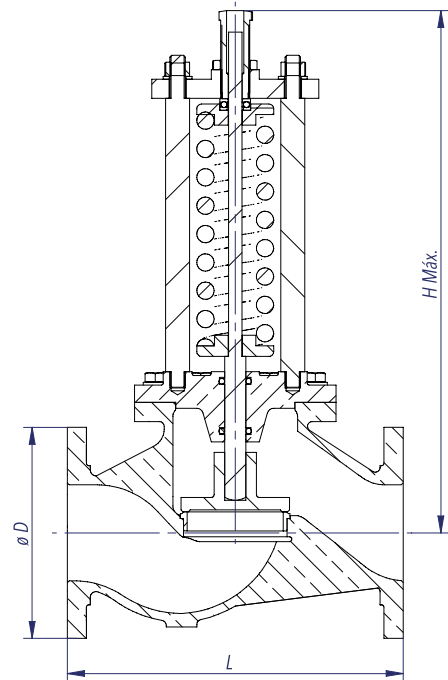
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).
- ◆ Pressure setting according to the customer's needs.

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	D	L	Pressure adjustment range	H Máx	Weight	Code
mm	mm	mm	bar	mm	[kg]	SAVAL
15	95	130	02-05/06-09/10-16/17-25	260/260/260/260	6,5	SDSExxxYYYY16015
20	105	150	02-05/06-09/10-16/17-25	260/260/260/260	7	SDSExxxYYYY16020
25	115	160	02-05/06-09/10-16/17-25	260/260/260/295	7,5	SDSExxxYYYY16025
32	140	180	02-07/08-12/13-25	295/295/355	12,5	SDSExxxYYYY16032
40	150	200	02-05/06-09/10-16/17-25	295/310/365/365	13	SDSExxxYYYY16040
50	165	230	02-05/06-09/10-16/17-25	305/365/375/410	16	SDSExxxYYYY16050
65	185	290	02-06/07-16/17-25	380/385/510	29	SDSExxxYYYY16065
80	200	310	02-05/06-09/10-16/17-25	380/385/510/510	34	SDSExxxYYYY16080
100	220	350	02-06/07-10/11-16	420/540/540	44	SDSExxxYYYY16100
125	250	400	02-06/07-12/13-16	610/690/910	81	SDSExxxYYYY16125
150	285	480	02-04/05-08/09-16	615/715/940	108	SDSExxxYYYY16150

xxx = drawing number

YYYY = pressure adjustment range.

SAFETY VALVE

Straight. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 3356 part 5) / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1, (DIN 3202 F1).
- ◆ Flanged acc. to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

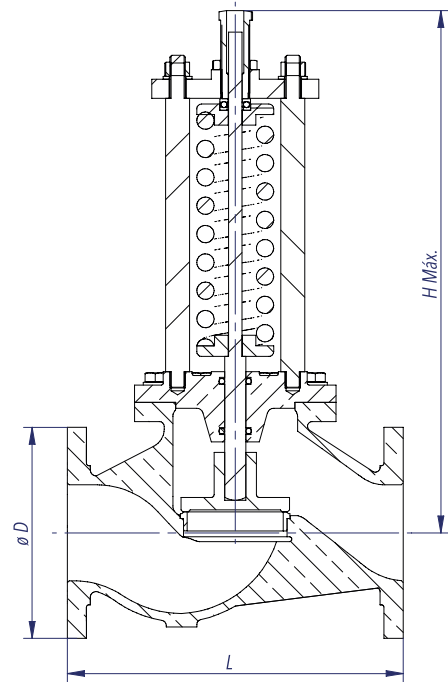
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).
- ◆ Pressure setting according to the customer's needs.

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

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



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

DIMENSIONS

DN	D	L	Pressure adjustment range	H Max	Weight	Code
mm	mm	mm	bar	mm	[kg]	SAVAL
15	95	130	02-05/06-09/10-16/17-25	260/260/260/260	7	SDSE606YYYY16015
20	105	150	02-05/06-09/10-16/17-25	260/260/260/260	7,5	SDSE606YYYY16020
25	115	160	02-05/06-09/10-16/17-25	260/260/260/295	8	SDSE606YYYY16025
32	140	180	02-07/08-12/13-25	295/295/355	13	SDSE606YYYY16032
40	150	200	02-05/06-09/10-16/17-25	295/310/365/365	13,5	SDSE606YYYY16040
50	165	230	02-05/06-09/10-16/17-25	305/365/375/410	16,5	SDSE606YYYY16050
65	185	290	02-06/07-16/17-25	380/385/510	29,5	SDSE606YYYY16065
80	200	310	02-05/06-09/10-16/17-25	380/385/510/510	34,5	SDSE606YYYY16080
100	220	350	02-06/07-10/11-16	420/540/540	45,5	SDSE606YYYY16100
125	250	400	02-06/07-12/13-16	610/690/910	83	SDSE606YYYY16125
150	285	480	02-04/05-08/09-16	615/715/940	110,5	SDSE606YYYY16150

YYYY = pressure adjustment range.

SAFETY VALVE

Angle. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13789 (DIN 3356 part 5) / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1, (DIN 3202 F1).
- ◆ Flanged acc. to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

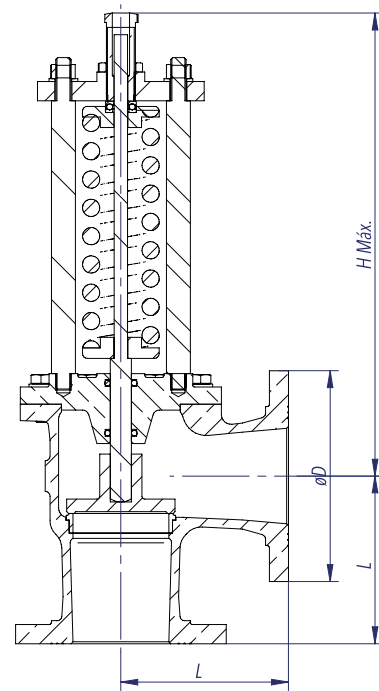
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).
- ◆ Pressure setting according to the customer's needs.

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	D	L	Pressure adjustment range	H Max	Weight	Code
mm	mm	mm	bar	mm	[kg]	SAVAL
15	95	**	02-05/06-09/10-16/17-25	240/240/240/240	7	SDSExxxYYYY16015
20	105	**	02-05/06-09/10-16/17-25	240/240/240/240	8	SDSExxxYYYY16020
25	115	**	02-05/06-09/10-16/17-25	230/230/250/280	9	SDSExxxYYYY16025
32	140	105	02-07/08-12/13-25	275/275/335	13,5	SDSExxxYYYY16032
40	150	115	02-05/06-09/10-16/17-25	265/265/330/330	14	SDSExxxYYYY16040
50	165	125	02-05/06-09/10-16/17-25	265/325/325/370	16	SDSExxxYYYY16050
65	185	145	02-06/07-16/17-25	330/330/455	30	SDSExxxYYYY16065
80	200	155	02-05/06-09/10-16/17-25	320/320/460/460	34	SDSExxxYYYY16080
100	220	175	02-06/07-10/11-16	340/475/475	42,5	SDSExxxYYYY16100
125	250	200	02-06/07-12/13-16	485/570/825	75,5	SDSExxxYYYY16125
150	285	225	02-04/05-08/09-16	505/570/790	95	SDSExxxYYYY16150

xxx = drawing number

**Dimensions on request.

YYYY = pressure adjustment range.

SAFETY VALVE

Angle. Mild Steel. PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 3356 part 5) / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1, (DIN 3202 F1).
- ◆ Flanged acc. 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.

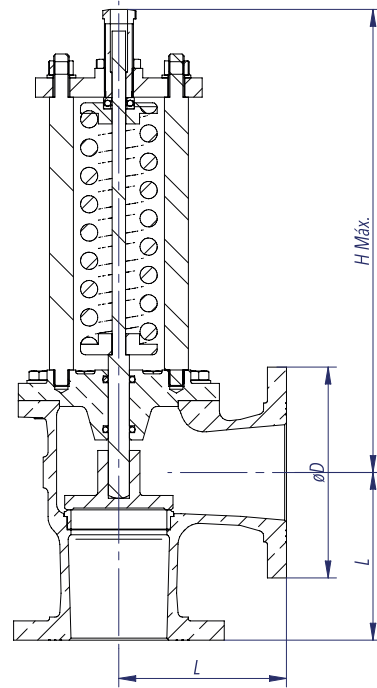
WORKING CONDITIONS

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	D	L	Pressure adjustment range	H Max	Weight	Code
mm	mm	mm	bar	mm	[kg]	SAVAL
15	95	**	02-05/06-09/10-16/17-25	240/240/240/240	5,5	SDSExxxYYYY16015
20	105	**	02-05/06-09/10-16/17-25	240/240/240/240	6,5	SDSExxxYYYY16020
25	115	**	02-05/06-09/10-16/17-25	230/230/250/280	7,5	SDSExxxYYYY16025
32	140	105	02-07/08-12/13-25	275/275/335	12,5	SDSExxxYYYY16032
40	150	115	02-05/06-09/10-16/17-25	265/265/330/330	13	SDSExxxYYYY16040
50	165	125	02-05/06-09/10-16/17-25	265/325/325/370	15	SDSExxxYYYY16050
65	185	145	02-06/07-16/17-25	330/330/455	28,5	SDSExxxYYYY16065
80	200	155	02-05/06-09/10-16/17-25	320/320/460/460	32	SDSExxxYYYY16080
100	220	175	02-06/07-10/11-16	340/475/475	38,5	SDSExxxYYYY16100
125	250	200	02-06/07-12/13-16	485/570/825	70	SDSExxxYYYY16125
150	285	225	02-04/05-08/09-16	505/570/790	87	SDSExxxYYYY16150

xxx = drawing number

**Dimensions on request.

YYYY = pressure adjustment range.

SAFETY VALVE

Angle. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ EN 13709 (DIN 3356 part 5) / UNE-EN ISO 4126-1.
- ◆ Face to face EN 558 series 1, (DIN 3202 F1).
- ◆ Flanged acc. to EN 1092.

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

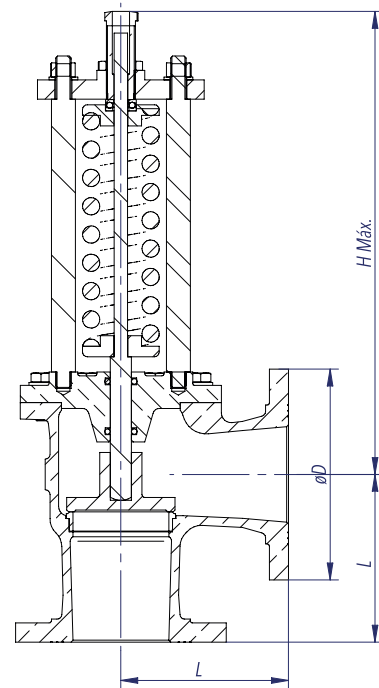
- ◆ Technical Documentation (accessible by QR).
- ◆ Spare parts procurement (LCRS).
- ◆ Logistics engineering (obsolescence/costs).
- ◆ Pressure setting according to the customer's needs.

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

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



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

DIMENSIONS

DN	D	L	Pressure adjustment range	H Max	Weight	Code
mm	mm	mm	bar	mm	[kg]	SAVAL
15	95	**	02-05/06-09/10-16/17-25	240/240/240/240	6	SDSE616YYYY16015
20	105	**	02-05/06-09/10-16/17-25	240/240/240/240	7	SDSE616YYYY16020
25	115	**	02-05/06-09/10-16/17-25	230/230/250/280	8	SDSE616YYYY16025
32	140	105	02-07/08-12/13-25	275/275/335	12,5	SDSE616YYYY16032
40	150	115	02-05/06-09/10-16/17-25	265/265/330/330	13	SDSE616YYYY16040
50	165	125	02-05/06-09/10-16/17-25	265/325/325/370	15,5	SDSE616YYYY16050
65	185	145	02-06/07-16/17-25	330/330/455	29	SDSE616YYYY16065
80	200	155	02-05/06-09/10-16/17-25	320/320/460/460	32,5	SDSE616YYYY16080
100	220	175	02-06/07-10/11-16	340/475/475	39	SDSE616YYYY16100
125	250	200	02-06/07-12/13-16	485/570/825	71	SDSE616YYYY16125
150	285	225	02-04/05-08/09-16	505/570/790	89	SDSE616YYYY16150

**Dimensions on request.

YYYY = pressure adjustment range.



CHECK VALVES

PISTON CHECK VALVE

Straight. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789 (DIN 86262).
- ◆ Face to face EN 558 series 1, (DIN 3202 F1).
- ◆ Flanges acc. to EN 1092.

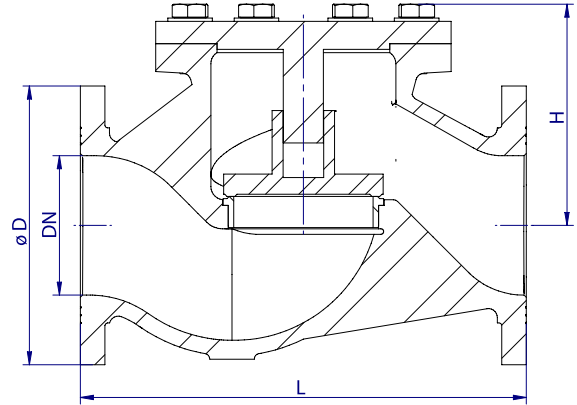
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

Size	DN	15-250	300-400
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

- ◆ 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 (EN1982/DIN1714)	Stainless S. A4

DIMENSIONS

DN	ØD	Flanges	L	H	Weight	Code
mm	mm	PN(bar)	mm	mm	[kg]	SAVAL
15	95	10/16	130	72	4	SDRE708TABR16015
20	105	10/16	150	76	5	SDRE708TABR16020
25	115	10/16	160	81	6	SDRE708TABR16025
32	140	10/16	180	102	10	SDRE708TABR16032
40	150	10/16	200	105	10,5	SDRE708TABR16040
50	165	10/16	230	113	13	SDRE708TABR16050
65	185	10/16	290	135	24	SDRE708TABR16065
80	200	10/16	310	135	29,5	SDRE708TABR16080
100	220	10/16	350	170	37	SDRE708TABR16100
125	250	10/16	400	200	67,5	SDRE708TABR16125
150	285	10/16	480	220	94	SDRE708TABR16150
200	340	10	600	280	168	SDRE708TABR10200
200	350	16	600	280	168	SDRE708TABR16200
250	395	10	730	345	230	SDRE708TABR10250
250	405	16	730	345	230	SDRE708TABR16250
300	445	10	850	360	355	SDRE708TABR10300
350	505	10	980	395	500	SDRE708TABR10350
400	565	10	1100	475	670	SDRE708TABR10400

PISTON CHECK VALVE

Straight. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789 (DIN 86262).
- ◆ Face to face EN 558 series 1, (DIN 3202 F1).
- ◆ Flanges acc. to EN 1092.

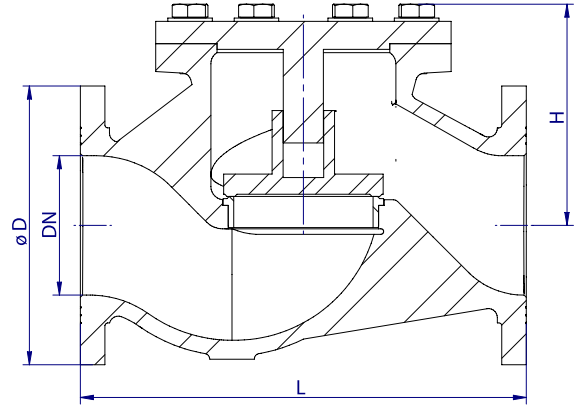
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

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



MATERIALS

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

DRAWING	BODY/BONNET	SEAT	SCREWS
R-200	Mild Steel (GS-C25) (EN10213/DIN17245)	Bronze (Rg5) (DIN 1705)	Mild Steel 8.8
R-202	Mild Steel (GS-C25) (EN10213/DIN17245)	Stainless S. (AISI420)	Mild Steel 8.8

DIMENSIONS

DN	ØD	Flanges	L	H	Weight	Code
mm	mm	PN(bar)	mm	mm	[kg]	SAVAL
15	95	10/16	130	72	3,5	SDRExxxTABR16015
20	105	10/16	150	76	4,5	SDRExxxTABR16020
25	115	10/16	160	81	5	SDRExxxTABR16025
32	140	10/16	180	102	9	SDRExxxTABR16032
40	150	10/16	200	105	9,5	SDRExxxTABR16040
50	165	10/16	230	113	11,5	SDRExxxTABR16050
65	185	10/16	290	135	21,5	SDRExxxTABR16065
80	200	10/16	310	135	26,5	SDRExxxTABR16080
100	220	10/16	350	170	33	SDRExxxTABR16100
125	250	10/16	400	200	61	SDRExxxTABR16125
150	285	10/16	480	220	84,5	SDRExxxTABR16150
200	340	10	600	280	150	SDRExxxTABR10200
200	350	16	600	280	150	SDRExxxTABR16200
250	395	10	730	345	207,5	SDRExxxTABR10250
250	405	16	730	345	207,5	SDRExxxTABR16250
300	445	10	850	360	320	SDRExxxTABR10300
350	505	10	980	395	439	SDRExxxTABR10350
400	565	10	1100	475	605	SDRExxxTABR10400

xxx = drawing number

PISTON CHECK VALVE

Straight. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789 (DIN 86262).
- ◆ Face to face EN 558 series 1, (DIN 3202 F1).
- ◆ Flanges acc. to EN 1092.

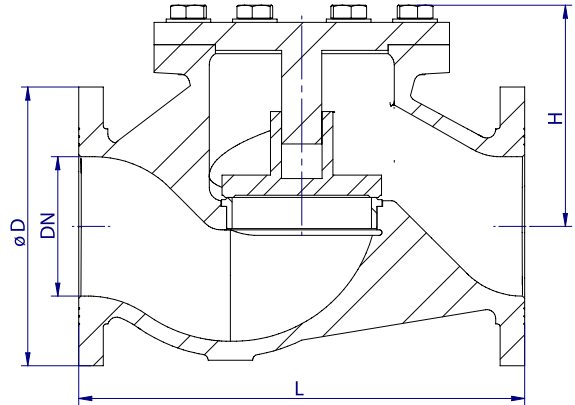
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

Size	DN	15-250	300-400
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	11,7



MATERIALS

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

DRAWING	BODY/BONNET	SEAT	SCREWS
R-606	Stainless S. A316 (EN10088/DIN17440)	Stainless S. A316 (EN10088/DIN17440)	Stainless S. A4

DIMENSIONS

DN	ØD	Flanges	L	H	Weight	Code
mm	mm	PN(bar)	mm	mm	[kg]	SAVAL
15	95	10/16	130	72	3,5	SDRE606TABR16015
20	105	10/16	150	76	4,5	SDRE606TABR16020
25	115	10/16	160	81	5	SDRE606TABR16025
32	140	10/16	180	102	9,5	SDRE606TABR16032
40	150	10/16	200	105	10	SDRE606TABR16040
50	165	10/16	230	113	12	SDRE606TABR16050
65	185	10/16	290	135	22	SDRE606TABR16065
80	200	10/16	310	135	27	SDRE606TABR16080
100	220	10/16	350	170	34	SDRE606TABR16100
125	250	10/16	400	200	62,5	SDRE606TABR16125
150	285	10/16	480	220	87	SDRE606TABR16150
200	340	10	600	280	154	SDRE606TABR10200
200	350	16	600	280	154	SDRE606TABR16200
250	395	10	730	345	213	SDRE606TABR10250
250	405	16	730	345	213	SDRE606TABR16250
300	445	10	850	360	328	SDRE606TABR10300
350	505	10	980	395	450	SDRE606TABR10350
400	565	10	1100	475	620	SDRE606TABR10400

PISTON CHECK VALVE

Angle. Bronze PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789 (DIN 86262).
- ◆ Face to face EN 558 series 1, (DIN 3202 F1).
- ◆ Flanges acc. to EN 1092.

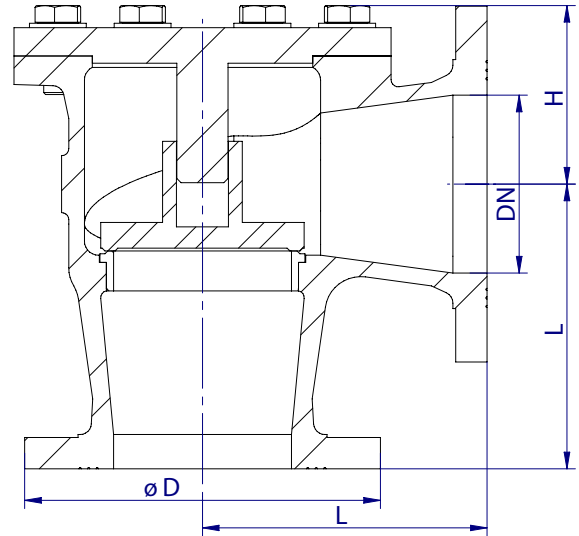
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

Size	DN	15-250	300-400
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

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

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

DIMENSIONS

DN	ØD	Flanges	L	H	Weight	Code
mm	mm	PN(bar)	mm	mm	[kg]	SAVAL
15	95	10/16	**	61	4	SDRE718TABR16015
20	105	10/16	**	61	4,5	SDRE718TABR16020
25	115	10/16	**	61	5,2	SDRE718TABR16025
32	140	10/16	105	81	9,5	SDRE718TABR16032
40	150	10/16	115	81	11	SDRE718TABR16040
50	165	10/16	125	81	12,5	SDRE718TABR16050
65	185	10/16	145	88	22	SDRE718TABR16065
80	200	10/16	155	88	26,5	SDRE718TABR16080
100	220	10/16	175	108	33	SDRE718TABR16100
125	250	10/16	200	126	55	SDRE718TABR16125
150	285	10/16	225	140	72	SDRE718TABR16150
200	340	10	275	167	137,5	SDRE718TABR10200
200	350	16	275	167	137,5	SDRE718TABR16200
250	395	10	325	222	226	SDRE718TABR10250
250	405	16	325	222	226	SDRE718TABR16250
300	445	10	375	212	260	SDRE718TABR10300
350	505	10	425	233	380	SDRE718TABR10350
400	565	10	475	286	555	SDRE718TABR10400

**Dimensions on request.

PISTON CHECK VALVE

Angle. Mild Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789 (DIN 86262).
- ◆ Face to face EN 558 series 8, (DIN 3202 F32).
- ◆ Flanges acc. to EN 1092.

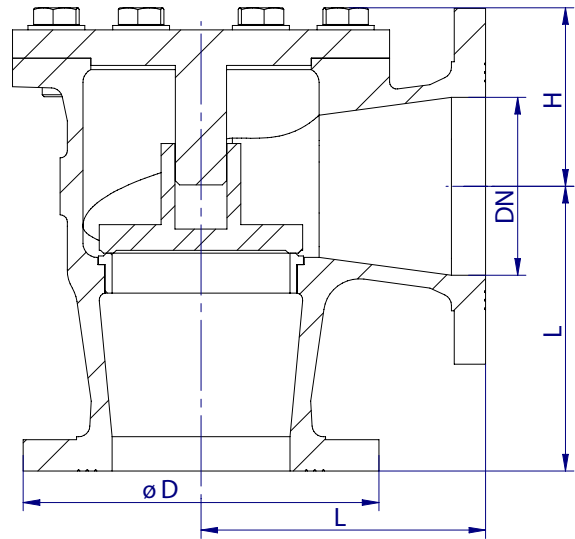
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

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



MATERIALS

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

DRAWING	BODY/BONNET	SEAT	SCREWS
R-210	Mild Steel (GS-C25) (EN10213/DIN17245)	Bronze (Rg5) (DIN 1705)	Mild Steel 8.8
R-212	Mild Steel (GS-C25) (EN10213/DIN17245)	Stainless S. (AISI420)	Mild Steel 8.8

DIMENSIONS

DN	ØD	Flanges	L	H	Weight	Code
mm	mm	PN(bar)	mm	mm	[kg]	SAVAL
15	95	10/16	**	61	3,3	SDRExxxTABR16015
20	105	10/16	**	61	4	SDRExxxTABR16020
25	115	10/16	**	61	5	SDRExxxTABR16025
32	140	10/16	105	81	8,5	SDRExxxTABR16032
40	150	10/16	115	81	10	SDRExxxTABR16040
50	165	10/16	125	81	11,2	SDRExxxTABR16050
65	185	10/16	145	88	20	SDRExxxTABR16065
80	200	10/16	155	88	24	SDRExxxTABR16080
100	220	10/16	175	108	30	SDRExxxTABR16100
125	250	10/16	200	126	50	SDRExxxTABR16125
150	285	10/16	225	140	65	SDRExxxTABR16150
200	340	10	275	167	124	SDRExxxTABR10200
200	350	16	275	167	124	SDRExxxTABR16200
250	395	10	325	222	204	SDRExxxTABR10250
250	405	16	325	222	204	SDRExxxTABR16250
300	445	10	375	212	236	SDRExxxTABR10300
350	505	10	425	233	345	SDRExxxTABR10350
400	565	10	475	286	404	SDRExxxTABR10400

xxx = drawing number

**Dimensions on request.

PISTON CHECK VALVE

Angle. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

- ◆ DIN 13789 (DIN 86262).
- ◆ Face to face EN 558 series 8, (DIN 3202 F32).
- ◆ Flanges acc. to EN 1092.

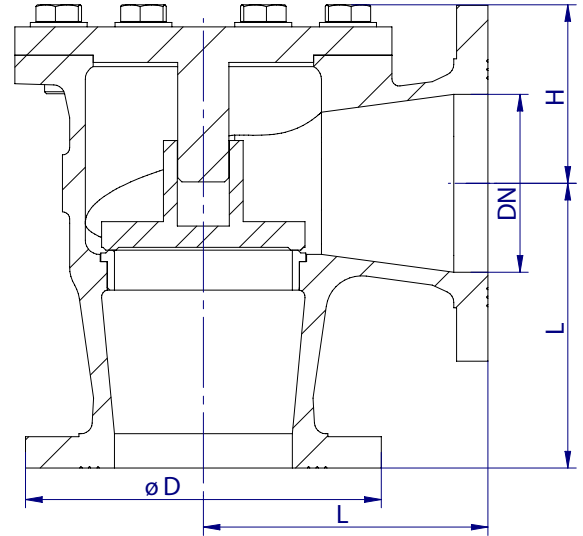
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

Size	DN	15-250	300-400
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	11,7



MATERIALS

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

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

DIMENSIONS

DN	ØD	Flanges	L	H	Weight	Code
mm	mm	PN(bar)	mm	mm	[kg]	SAVAL
15	95	10/16	**	61	3,4	SDRE616TABR16015
20	105	10/16	**	61	4,1	SDRE616TABR16020
25	115	10/16	**	61	5	SDRE616TABR16025
32	140	10/16	105	81	9	SDRE616TABR16032
40	150	10/16	115	81	10	SDRE616TABR16040
50	165	10/16	125	81	11,5	SDRE616TABR16050
65	185	10/16	145	88	20,5	SDRE616TABR16065
80	200	10/16	155	88	24,5	SDRE616TABR16080
100	220	10/16	175	108	31	SDRE616TABR16100
125	250	10/16	200	126	51	SDRE616TABR16125
150	285	10/16	225	140	66,5	SDRE616TABR16150
200	340	10	275	167	127,5	SDRE616TABR10200
200	350	16	275	167	127,5	SDRE616TABR16200
250	395	10	325	222	209	SDRE616TABR10250
250	405	16	325	222	209	SDRE616TABR16250
300	445	10	375	212	242	SDRE616TABR10300
350	505	10	425	233	355	SDRE616TABR10350
400	565	10	475	286	520	SDRE616TABR10400

**Dimensions on request.

SWING CHECK VALVE

Straight. Bronze PN 10/16

CHARACTERISTICS

Design:

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

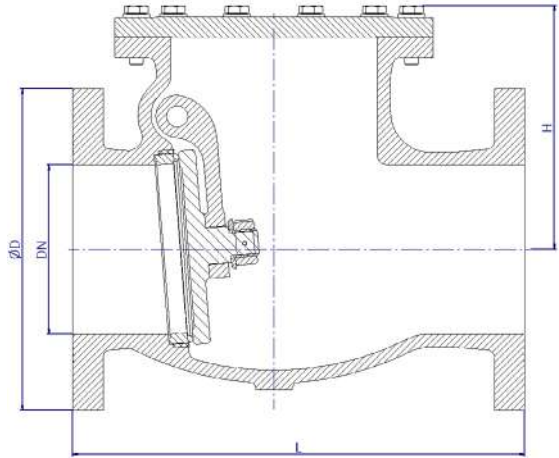
OPTIONAL CHARACTERISTICS

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	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)	Stainless S. A4
RS-708	Bronze (Rg10) (DIN 1705)	CuAl10Fe5Ni5 (EN1982/DIN1714)	CuAl10Fe5Ni5 (EN1982/DIN1714)	CuAl10Fe5Ni5 (EN1982/DIN1714)	Stainless S. A4

DIMENSIONS

DN	ØD	Flanges	L	H	Weight	Code
mm	mm	PN(bar)	mm	mm	[kg]	SAVAL
32	140	10/16	180	138	14	SDRSxxxTABR16032
40	150	10/16	180	138	14	SDRSxxxTABR16040
50	165	10/16	200	145	19	SDRSxxxTABR16050
65	185	10/16	240	165	24,5	SDRSxxxTABR16065
80	200	10/16	260	175	29,5	SDRSxxxTABR16080
100	220	10/16	300	200	37	SDRSxxxTABR16100
125	250	10/16	350	220	60,5	SDRSxxxTABR16125
150	285	10/16	400	240	69,5	SDRSxxxTABR16150
200	340	10	500	310	155	SDRSxxxTABR10200
200	340	16	500	310	155	SDRSxxxTABR16200
250	395	10	600	375	224	SDRSxxxTABR10250
250	405	16	600	375	224	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 acc. to EN 1092 (DIN 2633 PN16).
- ◆ Metal seated.

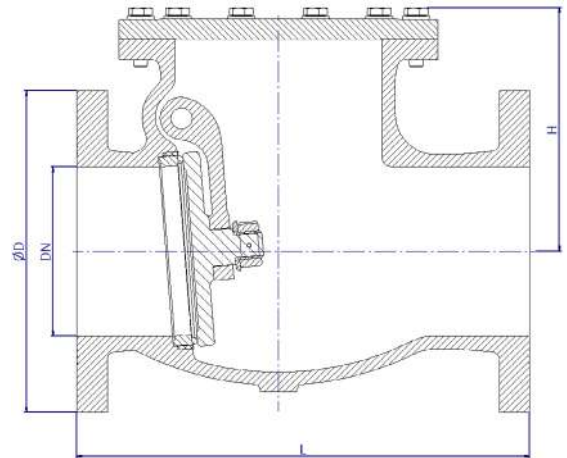
OPTIONAL CHARACTERISTICS

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	12,9



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	ØD	Flanges	L	H	Weight	Code
mm	mm	PN(bar)	mm	mm	[kg]	SAVAL
32	140	10/16	180	138	12,5	SDRSxxxTABR16032
40	150	10/16	180	138	12,5	SDRSxxxTABR16040
50	165	10/16	200	145	17,5	SDRSxxxTABR16050
65	185	10/16	240	165	22	SDRSxxxTABR16065
80	200	10/16	260	175	26,5	SDRSxxxTABR16080
100	220	10/16	300	200	33,5	SDRSxxxTABR16100
125	250	10/16	350	220	55	SDRSxxxTABR16125
150	285	10/16	400	240	62,5	SDRSxxxTABR16150
200	340	10	500	310	140	SDRSxxxTABR10200
200	340	16	500	310	140	SDRSxxxTABR16200
250	395	10	600	375	200,5	SDRSxxxTABR10250
250	405	16	600	375	200,5	SDRSxxxTABR16250

xxx = drawing number

SWING CHECK VALVE

Straight. Stainless Steel. PN 10/16

CHARACTERISTICS

Design:

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

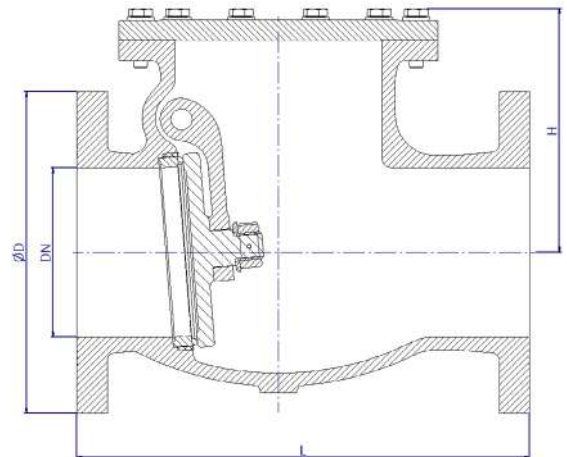
OPTIONAL CHARACTERISTICS

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	11,7



MATERIALS

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

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

DIMENSIONS

DN	ØD	Flanges	L	H	Weight	Code
mm	mm	PN(bar)	mm	mm	[kg]	SAVAL
32	140	10/16	180	138	13	SDRS606TABR16032
40	150	10/16	180	138	13	SDRS606TABR16040
50	165	10/16	200	145	18	SDRS606TABR16050
65	185	10/16	240	165	22,5	SDRS606TABR16065
80	200	10/16	260	175	27	SDRS606TABR16080
100	220	10/16	300	200	34,5	SDRS606TABR16100
125	250	10/16	350	220	56	SDRS606TABR16125
150	285	10/16	400	240	64	SDRS606TABR16150
200	340	10	500	310	143,5	SDRS606TABR10200
200	340	16	500	310	143,5	SDRS606TABR16200
250	395	10	600	375	206	SDRS606TABR10250
250	405	16	600	375	206	SDRS606TABR16250



SCUPPERS

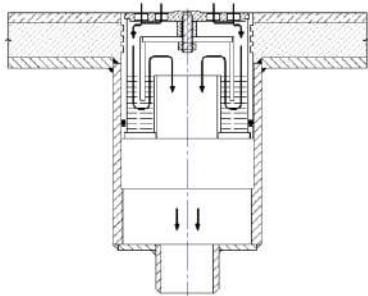
SCUPPER

Vertical outlet. For welding.

CHARACTERISTICS

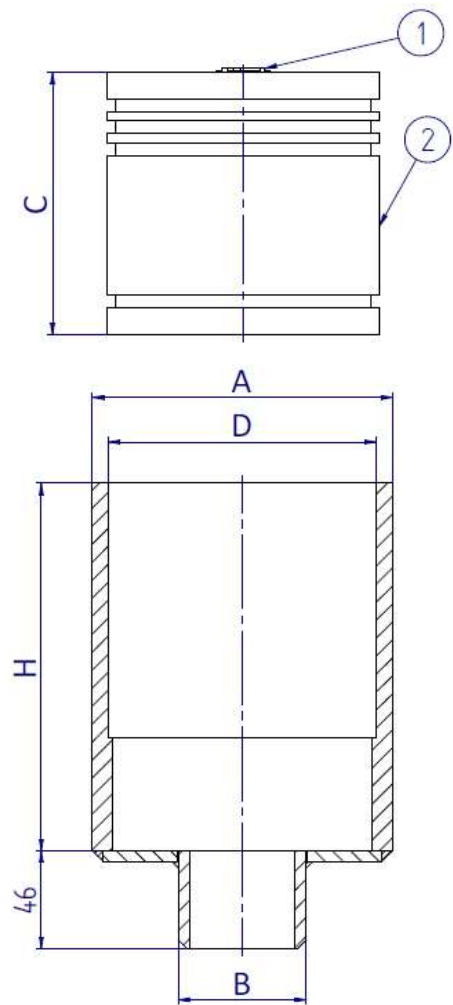
Design:

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



◆ Typical assembly

Nº	COMPONENT	MATERIAL
1	Grid	RG-5
		AISI 316
2	Body	PVC



MATERIALS AND DIMENSIONS

Reference		A	B	C	H			D	Material
					Standar	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	120	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 S.

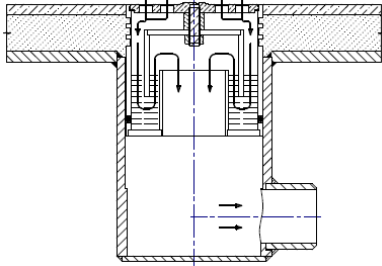
SCUPPER

Horizontal outlet. For welding.

CHARACTERISTICS

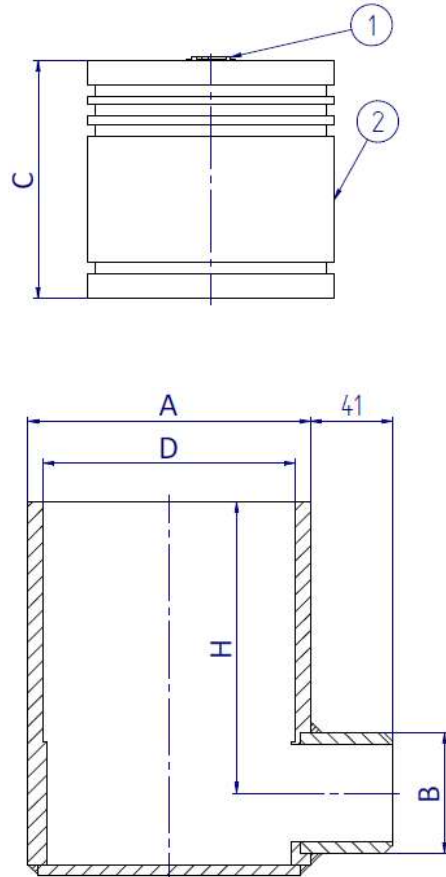
Design:

- ◆ 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	PVC



MATERIALS AND DIMENSIONS

Reference		A	B	C	H			D	Material
					Standar	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	101	150	181	92	
D-102-03	2"	140	55	120	116	160	191	126,3	Aluminium 6060/6082
D-102-04	1 1/2"	100	50	110	101	150	181	92	

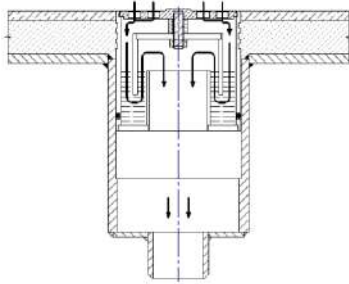
SCUPPER

Vertical outlet. For threading.

CHARACTERISTICS

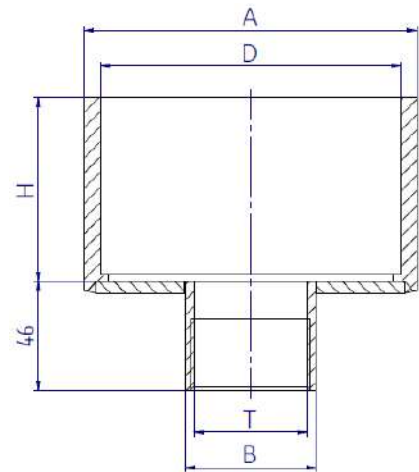
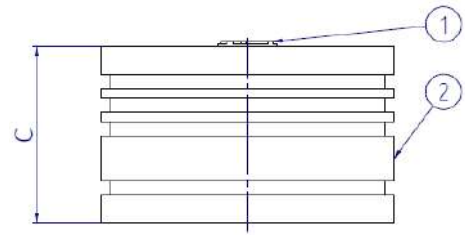
Design:

- ◆ Possibility of manufacturing in other materials and dimensions.



◆ Typical assembly

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



MATERIALS AND DIMENSIONS

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

SCUPPER

For shower.

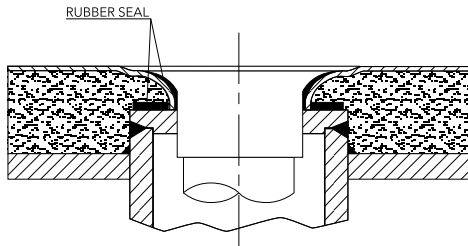
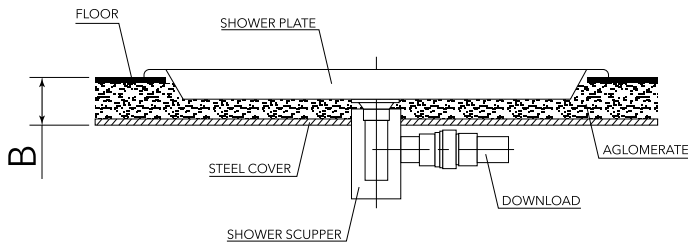
CHARACTERISTICS

Design:

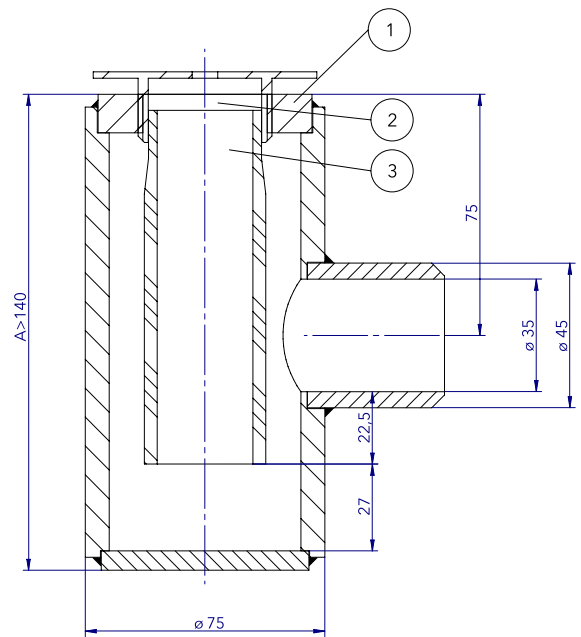
- ◆ Other materials and dimensions available

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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