CHECK VALVES

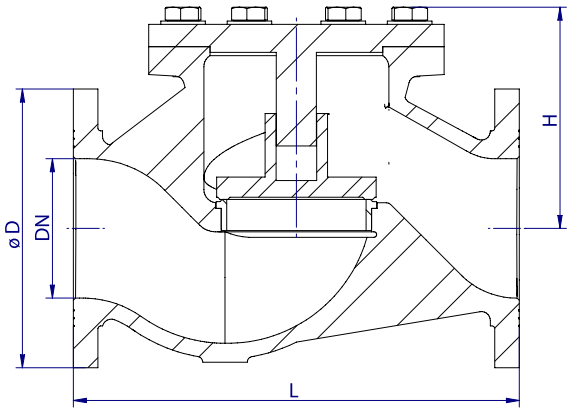
PISTON CHECK VALVE

Straight. Bronze PN 10/16

CHARACTERISTICS

Design:

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



OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

Size	DN	15-250		300
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm²	Up to 100°C	10	16	10
	Up to 225°C	6,6	10,7	6,6

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

MATERIALS

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

DIMENSIONS

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

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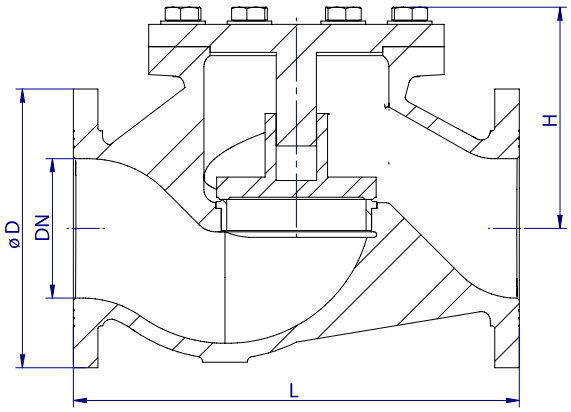
PISTON CHECK VALVE

Straight. Mild Steel PN 10/16

CHARACTERISTICS

Design:

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



OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

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

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

MATERIALS

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

DIMENSIONS

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

xxx = drawing number

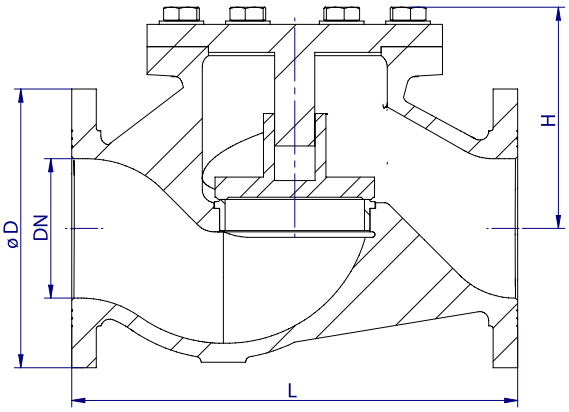
PISTON CHECK VALVE

Straight. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

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



OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

Size	DN	15-250		300
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm²	Up to 100°C	9,5	15,2	9,5
	Up to 225°C	7,3	11,6	7,3

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

MATERIALS

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

DIMENSIONS

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

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PISTON CHECK VALVE

Angle. Bronze PN 10/16

CHARACTERISTICS

Design:

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

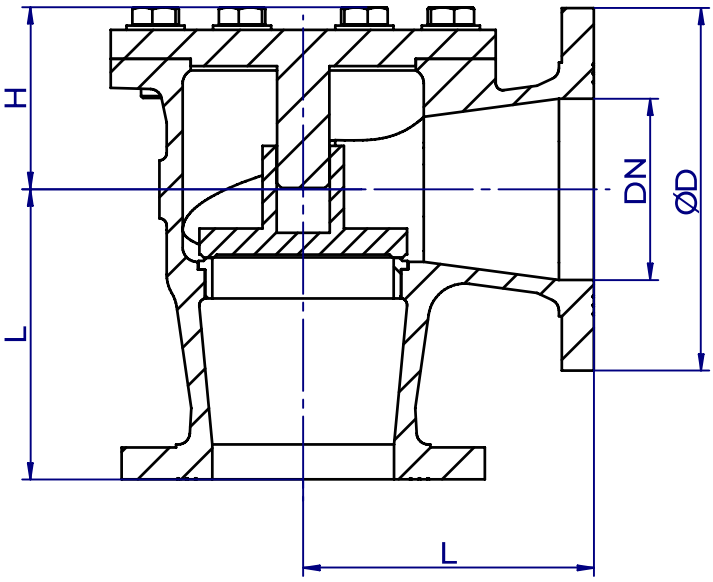
OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

Size	DN	15-250		300
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm²	Up to 100°C	10	16	10
	Up to 225°C	6,6	10,7	6,6



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

MATERIALS

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

DIMENSIONS

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

PISTON CHECK VALVE

Angle. Mild Steel PN 10/16

CHARACTERISTICS

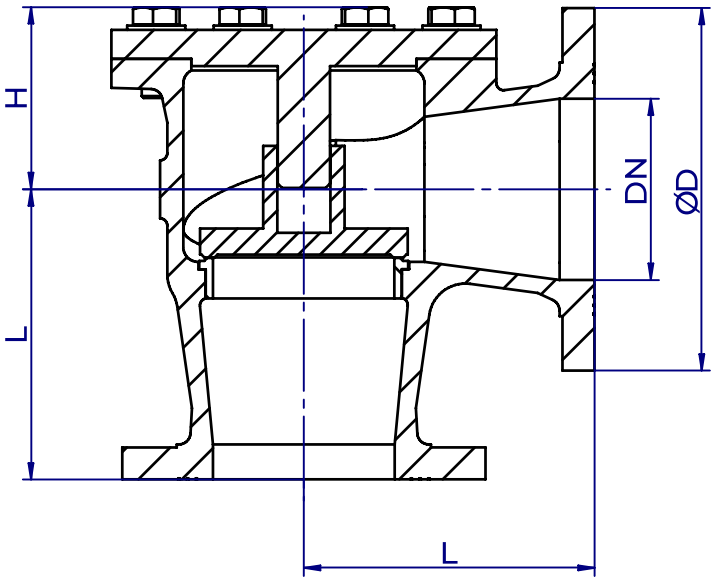
Design:

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

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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



WORKING CONDITIONS

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

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

MATERIALS

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

DIMENSIONS

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

xxx = drawing number

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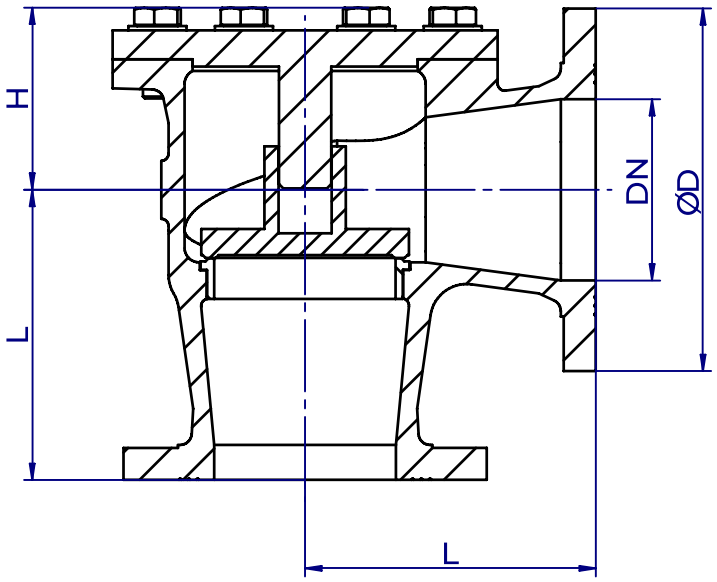
PISTON CHECK VALVE

Angle. Stainless Steel PN 10/16

CHARACTERISTICS

Design:

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



OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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

WORKING CONDITIONS

Size	DN	15-250		300
Nominal pressure	PN	10	16	10
Maximum working pressure, kg/cm²	Up to 100°C	10	16	10
	Up to 225°C	6,6	10,7	6,6

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

MATERIALS

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

DIMENSIONS

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

SWING CHECK VALVE

Straight. Bronze PN 10/16

CHARACTERISTICS

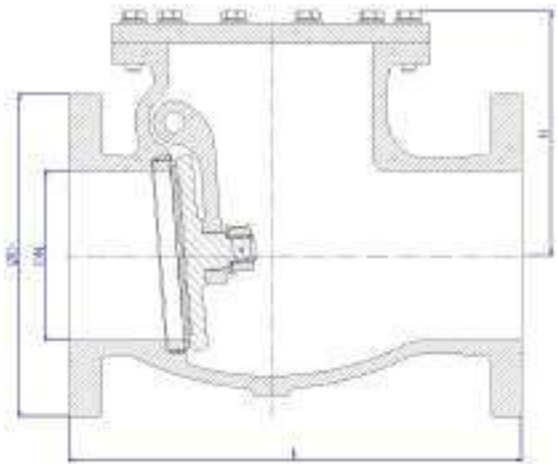
Design:

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

OPTIONAL CHARACTERISTICS

Integrated Logistics Support (ILS):

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



WORKING CONDITIONS

Size	DN	32-250	
Nominal pressure	PN	10	16
Maximum working pressure, kg/cm²	Up to 100°C	10	16
	Up to 225°C	6,6	10,7

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

MATERIALS

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

DIMENSIONS

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

xxx = drawing number

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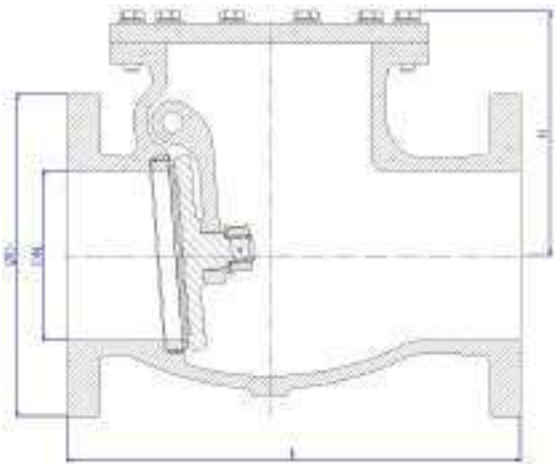
SWING CHECK VALVE

Straight. Mild Steel. PN 10/16

CHARACTERISTICS

Design:

- UN EN 16767.
- Face to face EN 558-1 (DIN 3202 F6).
- Flanges according to EN 1092.
- 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/cm²	Up to 100°C	9,4	15
	Up to 225°C	8	12,8

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

MATERIALS

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

DIMENSIONS

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

xxx = drawing figure

SWING CHECK VALVE

Straight. Stainless Steel. PN 10/16

CHARACTERISTICS

Design:

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

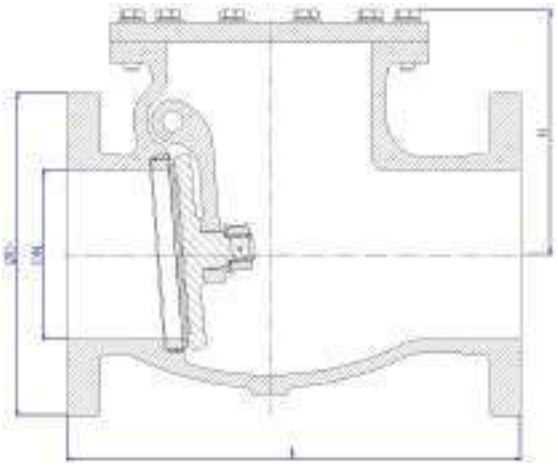
OPTIONAL CHARACTERISTICS

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/cm²	Up to 100°C	9,5	15,2
	Up to 225°C	7,3	11,6



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

MATERIALS

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

DIMENSIONS

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

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