

VALVES

Ball Valves - High Pressure

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Ball Valves - Low Pressure

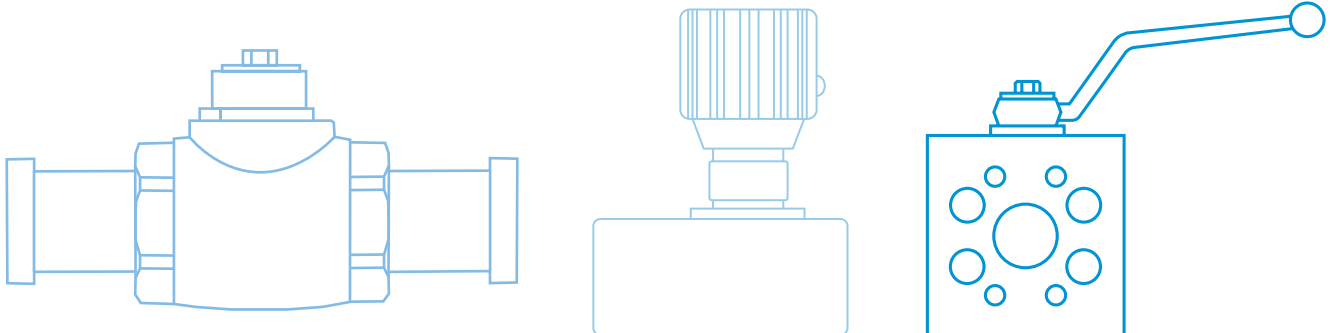
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2-WAY BALL VALVES

2-way ball valves with threaded connections

BSP-NPT-UNF-ISO8431-1/DIN2353 L-S



BKH / BKHP420	PN250-500 bar	DN4-25/40 1/8"-1 1/2"
MKH / MKHP420	PN420 bar	DN32-50 2"
steel / stainless steel		

2-way ball valves with SAE connections



BKH- / BKHP-SAEFS		
MKHP-SAEFS	PN315-420 bar	DN13-25 1/2"-1"
	PN210-420 bar	DN32-50 1 1/4"-2"
steel / stainless steel		



BKH-SAE / BKHP-SAE	PN315-420	bar	DN13-25 1/2"-1"
MKHP-SAE	PN175-420	bar	DN32-50/65 1 1/4"-2 1/2"
BKH/BKHP-SAE/SAEFS	PN315-420	bar	DN13-25 1/2"-1"
MKHP-SAE/SAEFS KH-SAE	PN175-420	bar	DN32-50 1 1/4"-2"
	PN35-420	bar	DN15-125 1/2"-5"
steel / stainless steel			
metric threads / UNC threads			

2-way ball valves flangeable with SAE connections



KHZ-SAE	PN210-420 bar	DN13-50 1/2"-2"
KH-SAE	PN35-420 bar	DN50-125 2"- 5"
steel / stainless steel		
metric threads / UNC threads		

2-way ball valves with ISO connections / CETOP connections



KH-ISO	PN100-400 bar	DN13-200 1/2"-8"
KH-CETOP	PN100-250 bar	DN40-100 1 1/2"-4"
steel / stainless steel		

2-way ball valves with DIN connections



BKH-F	PN40-320 bar	DN15-25/32
MKHP-F	PN40-320 bar	DN32-50/65
KH-FF	PN40-160 bar	DN40-150
steel		

2-WAY BALL VALVES

2-way High Pressure Ball Valves with threaded connections

BSP-NPT-UNF-ISO8431-1/DIN2353 L-S



BKHP800

PN800 bar

DN4-25 1/8"-1"

MKHP800

PN800 bar

DN4-25 1/8" - 1"

steel / stainless steel

COMBINATION BALL VALVES

Ball valve combinations with threaded connections



BKH

PN250-500 bar

DN4-25/40 1" - 1 1/2"

MKHP420

PN420 bar

DN32-50 1 1/2" - 2"

BK3

PN315-500 bar

DN4-25/32 1/8" - 1 1/4"

steel

Multiway (3-4 way) BALL VALVES

3/2-way selector ball valves with threaded connections / SAE connections



BK3 / BK3-S

PN315-500 bar

DN4-50 1/8" - 2"

BK3K-SAE

PN420 bar

DN13-50 1/2" - 2"

steel / stainless steel

3/2-way low -pressure selector ball valves with threaded connections



NK3 PN35-63 bar

DN10-50 3/8"-2"

brass / stainless steel

3-way and 4-way ball valves with threaded connections



3K3K

PN250-500 bar

DN4-25/40 1/8"-1 1/2"

4K4K

PN250-500 bar

DN4-25/40 1"- 1 1/2"

steel / stainless steel

COMBINATION BALL VALVES



3KH/4KH lever on top

PN250-500 bar

DN4-25/40 1/8"-1 1/4"

3KH/4KH lever central

PN250-500 bar

DN4-25/40 1"- 1 1/2"

steel

Special custom made BALL VALVES

Ball valves for manifold mounting

	PKH	PN420-500	bar	DN6-50
	PK3 / PK3-S	PN315-500	bar	DN6-50
	MPKH3 / MPKH4	PN420-500	bar	DN6-40
	steel / stainless steel			

Cartridge ball valves

	BEKH	PN315-500 bar	DN6-50
	BEKH3	PN315-500 bar	DN6-50
	steel		

2-way ball valves for gas with threaded connections

	BKH	PN250-500 bar PN350 bar	DN4-25/40
	MKHP		DN32-50
	0		
steel / stainless steel			

2-way ball valves for paints

	BKH	PN175-500 bar	DN4-25/40
			0
	steel / stainless steel		

2-way ball valves for isocyanate with threaded connections

	BKH		
	MKHP420	PN250-500 bar PN420 bar	DN4-25/40 1"- 1 1/2" DN32-50 1 1/4" - 2"
	steel / stainless steel		

Special custom made BALL VALVES

2-way ball valves with venting hole and with threaded connections



BKH

PN250-500 bar

DN4-25/40 1" - 1 1/2"

steel



2-way ball valves with fire-safe approval



BKH

PN315-420 bar

DN13-50 1/2" - 2"

stainless steel
with threaded connections



KH-SAE

PN160-420 bar

DN25-125 1" - 5"

stainless steel
with SAE connections

Connection flanges



SAE connection flanges
ISO connection flanges

Mounting sets ...



Locking devices Limit
switches Proximity
switches



Combinations
Detent

Accumulator safety blocks



steel / stainless steel
manually or electrically operated

Special custom made BALL VALVES

Solution examples for ...

Marine & offshore
Fire protection
Energy and renewables
Construction & agricultural
Oil & gas
Automotive
Mining & boring
Process industry

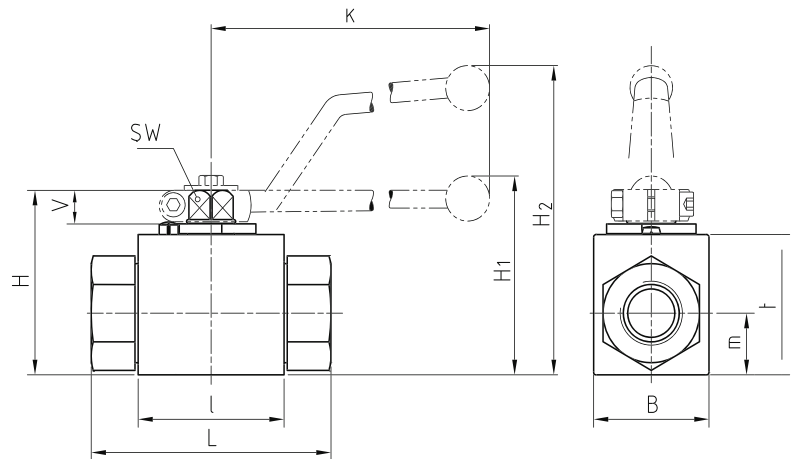


Actuators Levers



Actuators
Levers

Technical Data BKH 2-Way Ball Valves



AVAILABLE SIZES

DN4 - DN25/40 (1/8" to 1-1/2

")

AVAILABLE CONNECTIONS

DIN ISO 228 BSP Female thread,

ANSI B1.20.1 NPT Female thread,

DIN 2353/ISO 8434-1 Light / Heavy series, SAE J 514 UNF Femal

e ISO 8434-3 ORFS Male thread,

others on request

GENERAL DIMENSIONS

Type	I _B	H	h	m	V	S W	K	1H	H ₂	Leve r	
BKH-DN	40	26	47	33	13,5	1	9	11	-	82	Zn
4 BKH-DN	40	26	47	33	13,5	1	9	51	-	82	Zn
6 BKH-DN	40	26	47	33	13,5	1	9	51	-	82	Zn
8 BKH-DN1	43	32	52	38	17,	1	9	51	-	86	Zn
0 BKH-DN1	48	35	54	40	51	1	9	51	-	89	Zn
3 BKH-DN1	48	38	63	46	9	13	12	56	-	10	Al
6 BKH-DN2	62	49	75	57	24,5	14	14	200	79	6-	Zn
0 BKH-DN2	66	58	83	65	29,5	14	14	200	87	-	Zn
5 BKHP420-DN25 74		70	88	70	34,5	14	14	200	92	-	Zn
BKH-DN25/3	66	58	83	65	29,5	14	14	200	87	-	Zn
2 BKH-DN25/4	66	58	83	65	29,5	14	14	200	87	-	Zn
0											

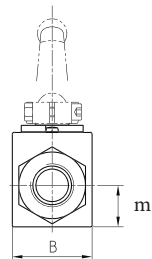
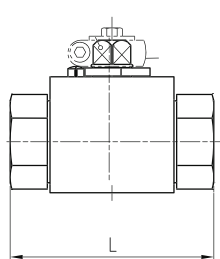
ACCESSORIES ON REQUES

- Locking devices •
- Actuators
- Mounting holes •
- Position switches •
- Combinations
- Detent

MATERIAL CODE DESCRIPTIO

N	112A	1128	442A	4428
Material	Steel	Steel	Stainless Stee	Stainless Stee
s Body	Steel	Steel	Stainless Stee	Stainless Stee
Ball	Steel	Steel	Stainless Stee	Stainless Stee
Stem	Steel	Steel	Stainless Stee	Stainless Stee
Ball seat	POM	POM	POM	POM
0-ring	NBR	FPM	NBR	FPM
5 T _{min} / T _{ma}	-20°C / 100°	-20°C / 100°	-30°C / 100°	-20°C / 100°C
x	C	C	C	

BKH 2-Way Ball Valves



BKH - BSP thread

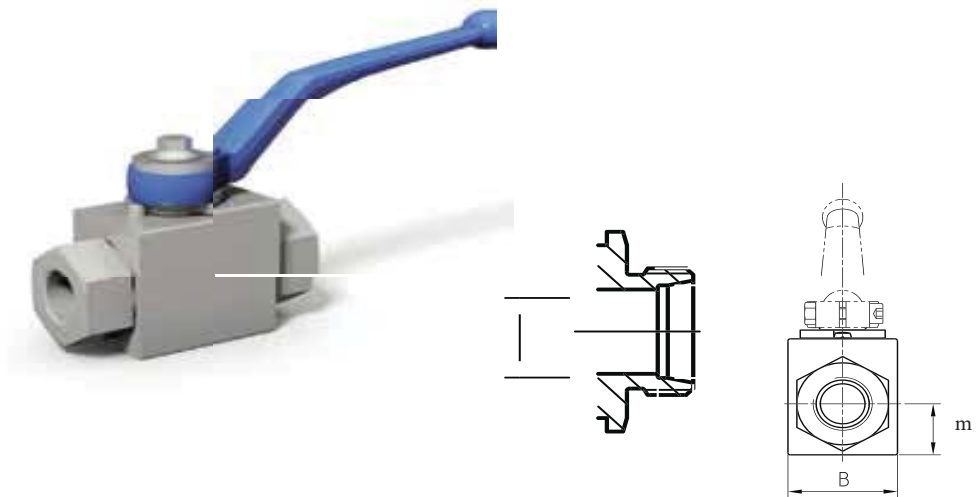
DN	Part No	W.P.	G	Flow			
				L	B	m	
4	BKH 1/8"R	500	1/8" BSP	69	26	13,5	FULL
6	BKH 1/4"R	500	1/4" BSP	69	26	13,5	FULL
10	BKH 3/8"R	500	3/8" BSP	72	32	17,5	FULL
13	BKH 1/2"R	500	1/2" BSP	83	35	19	FULL
20	BKH 3/4"R	420	3/4" BSP	95	49	24,5	FULL
25	BKH 1"R	315	1" BSP	113	58	29,5	FULL
25	BKHHP 1"R	420	1" BSP	113	70	34,5	FULL
25	BKH 1-1/4"R	315	1.1/4" BSP	120	58	29,5	RED.
25	BKH 1-1/2"R	315	1.1/2" BSP	130	58	29,5	RED.

BKH NPT thread

DN	Part No	W.P.	G	Flow			
				L	B	m	
4	BKH 1/8"N	500	1/8" NPT	69	26	13,5	FULL
6	BKH 1/4"N	500	1/4" NPT	69	26	13,5	FULL
10	BKH 3/8"N	500	3/8" NPT	72	32	17,5	FULL
13	BKH 1/2"N	500	1/2" NPT	83	35	19	FULL
20	BKH 3/4"N	420	3/4" NPT	95	49	24,5	FULL
25	BKH 1"N	350*	1" NPT	113	58	29,5	FULL
25	BKHHP 1"N	420	1" NPT	113	70	34,5	FULL
25	BKH 1-1/4"N	315	1.1/4" NPT	120	58	29,5	RED.
25	BKH 1-1/2"N	315	1.1/2" NPT	130	58	29,5	RED.

Material: Mild Steel or Stainless Steel Part No.:
Mild Steel
Stainless Steel: add -316, BKH-3/4"R-316

BKH 2-Way Ball Valves

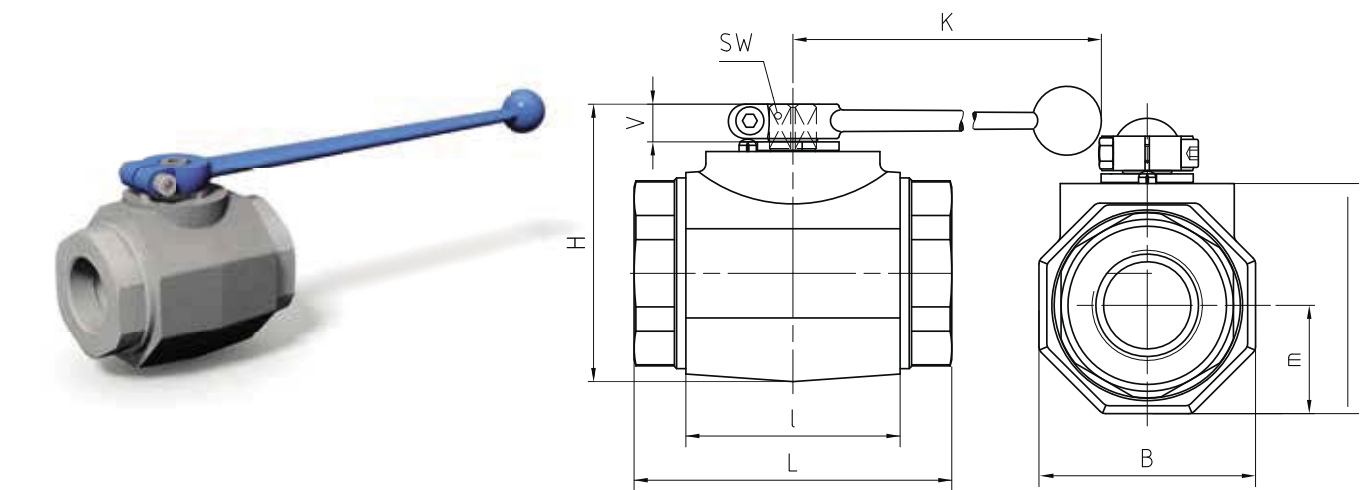


BKH DIN2353 / ISO8434-1

	DN						
		Part No	WP BAR	G	B	m	Flow
L-Series	4	BKH 06L	500	DIN 06L	26	13,5	FULL
	6	BKH 08L	500	DIN 08L	26	13,5	FULL
	8	BKH 10L	500	DIN 10L	26	13,5	FULL
	10	BKH 12L	400	DIN 12L	32	17,5	FULL
	13	BKH 15L	400	DIN 15L	35	19	FULL
	13	BKH 18L	250	DIN 18L	35	19	FULL
	20	BKH 22L	250	DIN 22L	49	24,5	FULL
	25	BKH 28L	250	DIN 28L	58	29,5	FULL
	25	BKH 35L	250	DIN 35L	58	29,5	RED.
	25	BKH 42L	250	DIN 42L	58	29,5	RED.
S-Series	4	BKH 06S	500	DIN 06S	26	13,5	FULL
	4	BKH 08S	500	DIN 08S	26	13,5	FULL
	6	BKH 10S	500	DIN 10S	26	13,5	FULL
	8	BKH 12S	500	DIN 12S	26	13,5	FULL
	10	BKH 14S	500	DIN 14S	32	17,5	FULL
	13	BKH 16S	500	DIN 16S	35	19	FULL
	13	BKH 20S	500	DIN 20S	35	19	FULL
	20	BKH 25S	420	DIN 25S	49	24,5	FULL
	25	BKH 30S	350*	DIN 30S	58	29,5	FULL
	25	BKHHP 30S	420	DIN 30S	70	34,5	FULL
	25	BKH 38S	350*	DIN 38S	58	29,5	RED.

Material: Mild Steel or Stainless Steel Part
 No.: Mild Steel
 Stainless Steel: add -316, BKH-3/4"R-316

Technical Data MKH 2-Way Ball Valves



AVAILABLE SIZES

DN32 - DN50 (1 1/4" to 2")

CONNECTIONS

BSP Female thread,
ANSI B1.20.1 NPT Female thread,
DIN 2353/ISO 8434-1 Light / Heavy series,
SAE J 514 UNF Female thread,
others on request

ACCESSORIES ON REQUEST

- Locking devices
- Actuators
- Mounting hole
- Position switches
- Combination
- Deten

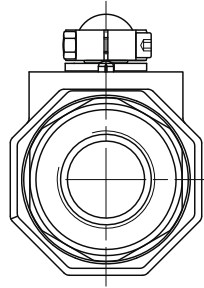
MATERIAL CODE DESCRIPTION

Materials	112A	1128	442A	4428
Body	Steel	Steel	Stainless Steel	Stainless Steel
Ball	Steel	Steel	Stainless Steel	Stainless Steel
Stem	Steel	Steel	Stainless Steel	Stainless Steel
Ball seats	POM	POM	POM	POM
O-rings	NBR	FPM	NBR	FPM
Tmin / Tmax	-20°C / 100°C	-20°C / 100°C	-30°C / 100°C	-20°C / 100°C

GENERAL DIMENSION

S Type I		B 8Kt	H	h	m	V	S W	K	L e v e r Al
MKHP420-DN3	80	81	10	86	40,5	16,5	17	320	Al
MKHP420-DN4	85	10	12	10	50	16,5	17	320	Al
MKHP420-DN5	100	110	13	11	59	16,5	17	320	Al

MKH 2-Way Ball Valves



MKH BSP FEMALE

DN	Part No		W.P.	G	Flow
32	MKH 1 1/4" R		420	1.1/4"BSP	FULL
40	MKH 1 1/2"R		420	1.1/2"BSP	FULL
50	MKH 2"R		420	2"BSP	FULL

MKH NPT FEMALE

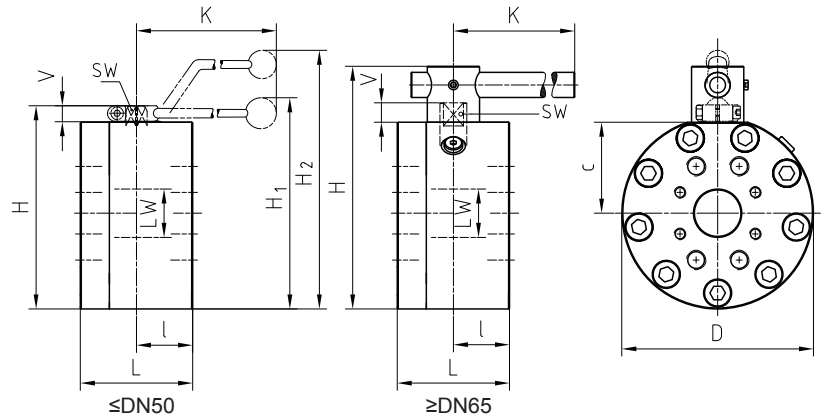
DN	Part No		W.P.	G	Flow
32	MKH 1 1/4 NPT		420	1.1/4"NPT	FULL
40	MKH 1 1/2 NPT		420	1.1/2"NPT	FULL
50	MKH 2" NPT		420	2"NPT	FULL

MKH DIN 2353 / ISO 8434-1

	DN	Part No		W.P.*	G	Flow
L	32	MKH 35L		250	DIN 35L	FULL
	40	MKH 42L		250	DIN 42L	FULL
S	32	MKH 38S		420	DIN 38S	FULL

Material: Mild Steel or Stainless Steel Part No.:
Mild Steel
Stainless Steel: add -316, MKH-1 1/4"R-316

Technical Data SAE / ISO Connection Ball Valves



AVAILABLE SIZES

DN15 - DN80 (5/8" to 3")

CONNECTIONS

ISO 6162-1 and -2 , ISO 6164 pattern

ACCESSORIES ON REQUEST

- Locking devices
- Actuators
- Mounting holes
- Position switches
- Combinations
- Detent

MATERIAL CODE DESCRIPTION

Materials	DN15-50 212A	DN15-50 2128	DN65-80 282A	DN65-80 2828
Body	Steel	Steel	Steel	Steel
Ball	Steel	Steel	Steel	Steel
Stem	Steel	Steel	Duplex	Duplex
Ball seats	POM	POM	POM	POM
O-rings	NBR	FPM	NBR	FPM
Tmin /Tmax	-10°C / 100°C	-10°C / 100°C	-10°C / 100°C	-10°C / 100°C

GENERAL DIMENSIONS

Type	LW	L	I	D	H	c	V	K	SW	H ₁	H ₂	Lever
KH-DN15 KH-	15	75	35	88	88	31	13	160	12	-	132	Al
DN20 KH-DN25	20	80	35	98	100	36,5	14	200	14	103	-	Zn
KH-DN32 KH-	25	88	38	118	113	39,5	14	200	14	116	-	Zn
DN40 KH-DN50	32	100	50	145	158	68	17	320	17	167	-	Al
	38	110	55	165	178	78	17	320	17	187	-	Al
KH-DN65	48	116	58	198	210	94	17	320	17	219	-	Al
KH-DN80 (PN100)	63	170	75	218	275	100	20	600	16	-	-	St ⁽¹⁾
KH-DN80	76	170	70	248	307	111	26	600	19	-	-	St ⁽¹⁾
(PN160/420)	76	170	79	258	315	114,5	26	600	19	-	-	St ⁽¹⁾

Please note the pressure ratings of the connection flanges!

⁽¹⁾ Lever must be fixed centrally during operation. In case of vibration the handle may otherwise operate the valve by itself.

Flange connections 2-Way Ball Valves



SAE 3000 psi / 6000 psi

Size	Part No	W.P	Weight	Flow
1/2"	KH-DN15 FC34/FC64-050	350/420	2,96	FULL
3/4"	KH-DN20 FC34/FC64-075	350/420	4,21	FULL
1"	KH-DN25 FC34/FC64-100	320/420	6,01	FULL
1.1/4"	KH-DN32 FC34/FC64-125	210/400	12,1	FULL
1.1/2"	KH-DN40 FC34/FC64-150	280/420	17,5	FULL
2"	KH-DN50 FC34/FC64-200	210/420	25	FULL

SAE 3000 psi

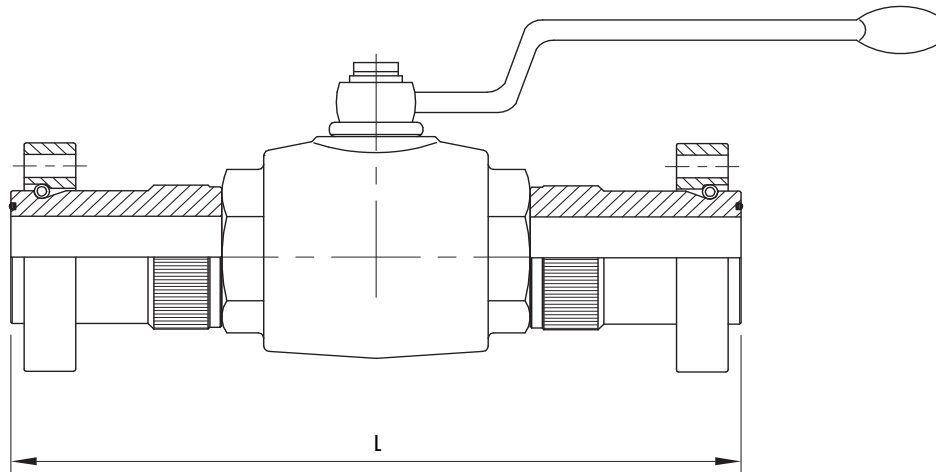
Size	Part No	W.P	Weight	Flow
2.1/2"	KH-DN65 FC34-250	175	33,5	FULL
3"	KH-DN80 FC34-300	100	33,5	FULL
4"	KH-DN100 FC34-400		60,5	FULL
5"	KH-DN125 FC34-500		95,5	FULL

ISO6164 DIN 350-400 bar

Size	Part No	W.P	Weight	Flow
2"	KH-DN50 FC74-200	400	25,5	FULL
2.1/2"	KH-DN50 FC74-250	400	25,3	FULL
3"	KH-DN65 FC74-300	400	36	FULL
4"	KH-DN80 FC74-400	350	34,26	FULL
4"	KH-DN100 FC74-400	350	60,4	FULL
		350	60,4	FULL
5"	KH-DN125-FC48-500	350	96,8	FULL
6"	KH-DN150-FC48-600	350	225,5	FULL
8"	KH-DN200-FC48-800	350	395	FULL

Material: Mild Steel or Stainless Steel Part No.:
Mild Steel
Stainless Steel: add -316, MKH-1 1/4"R-316

2-Way Ball Valves Retain Ring Flange



Ball valve SAE 3000 flange connections

Size	Complete Part No	W.P. [bar]	Body Part No	L	Weight [kg]
1/2"	BV -050-FC34	350	BKH12R	184	1.5
3/4"	BV-075-FC34	350	BKH34R	218	2.6
1"	BV-100-FC34	350	BKH1R	243	3.7
1 1/4"	BV-125-FC34	280	MKHP114R	247	5.5
1 1/2"	BV-150-FC34	280	MKHP112R	286	9.0
2"	BV-200-FC34	280	MKHP2R	306	12.9

Ball valve SAE 6000 flange connections

Size	Complete Part No	W.P. [bar]	Body Part No	L	Weight [kg]
1/2"	BV -050-FC64	420	BKH12R	184	1.70
3/4"	BV -075-FC64	420	BKH34R	218	3.00
1"	BV -100-FC64	420	BKHHP1R	248	4.10
1 1/4"	BV -125-FC64	420	MKHP114R	247	6.30
1 1/2"	BV -150-FC64	420	MKHP112R	286	10.4
2"	BV - 200-FC64	420	MKHP2R	306	15.1

Ball valve ISO 6164 flange connections

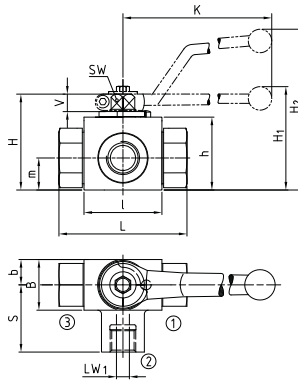
Size	Complete Part No	W.P. [bar]	Body Part No	L	Weight [kg]
1 1/2"	BV -150-FC74	420	MKHP112R	286	10.4
2"	BV - 200-F764	420	MKHP2R	306	15.1

Material: Mild Steel or Stainless Steel Part No.:

Mild Steel

Stainless Steel: add **-316**, MKH-1 1/4"R-316

Technical Data BK3 3-Way Ball Valves



Pressure inlet only from center port (port 2)!

AVAILABLE SIZES

DN4 - DN50 (1/8" to 2")

AVAILABLE CONNECTIONS

DIN ISO 228 BSP Female thread,

ANSI B1.20.1 NPT Female thread,

DIN 2353/ISO 8434-1 Light / Heavy series, SAE J 514 UNF Female

ISO 8434-3 ORFS Male thread,

others on request

Type	L	b	B	H	h	m	V	SW	K	H ₁	H ₂	Lever
BK3-DN4	40	13	29	47	33	13,5	11	9	115	-	82	Zn
BK3-DN6	40	13	29	47	33	13,5	11	9	115	-	82	Zn
BK3-DN8	40	13	29	47	33	13,5	11	9	115	-	82	Zn
BK3-DN10	43	16	35	52	38	17,5	11	9	115	-	86	Zn
BK3-DN13	48	17,5	38	54	40	19	11	9	115	-	89	Zn
BK3-DN20	62	24,5	52	75	57	24,5	14	14	200	79	-	Zn
BK3-DN25	66	29	61	83	65	29,5	14	14	200	87	-	Zn
BK3-DN25/32	66	29	61	83	65	29,5	14	14	200	87	-	Zn
BK3-DN32	81	39	-	106	84,5	39	16,5	17	320	115	-	Al
BK3-DN40	104	53	-	127	106	53	16,5	17	320	136	-	Al
BK3-DN50	118	58	116	137	116	58	16,5	17	320	146	-	Al

ACCESSORIES ON REQUEST

- Locking devices
- Actuators
- Mounting holes
- Position switches
- Combinations
- Detent

MATERIAL CODE DESCRIPTION

Materials	112A	112B	442A	4428
Body	Steel	Steel	Stainless Steel	Stainless Steel
Ball	Steel	Steel	Stainless Steel	Stainless Steel
Stem	Steel	Steel	Stainless Steel	Stainless Steel
Ball seats	POM	POM	POM	POM
O-rings	NBR	FPM	NBR	FPM
Tmin / Tmax	-20°C / 100°C	-20°C / 100°C	-30°C / 100°C	-20°C / 100°C
Porting pattern	L=SB50 T=SB51	L=SB50 T=SB51	L=SB50 T=SB51	L=SB50 T=SB51

BK3 3-Way Ball Valves



BK3 BSP thread

DN	Part No	W.P.	G	Flow
4	BK3 1/8"R	500	1/8" BSP	FULL BORE
6	BK3 1/4"R	500	1/4" BSP	FULL BORE
10	BK3 3/8"R	500	3/8" BSP	FULL BORE
13	BK3 1/2"R	500	1/2" BSP	FULL BORE
20	BK3 3/4"R	315	3/4" BSP	FULL BORE
25	BK3 1"R	315	1" BSP	FULL BORE
32	BK3 1 1/4"R	350	1.1/4" BSP	FULL BORE
40	BK3 1 1/2"R	350	1.1/2" BSP	FULL BORE
50	BK3 2"R	350	2" BSP	FULL BORE

BK3 NPT thread

DN	Part No	W.P.	G	Flow
4	BK3 1/8" NPT	500	1/8" NPT	FULL BORE
6	BK3 1/4" NPT	500	1/4" NPT	FULL BORE
10	BK3 3/8" NPT	500	3/8" NPT	FULL BORE
13	BK3 1/2" NPT	500	1/2" NPT	FULL BORE
20	BK3 3/4" NPT	315	3/4" NPT	FULL BORE
25	BK3 1" NPT	315	1" NPT	FULL BORE
32	BK3 1 1/4" NPT	350	1.1/4" NPT	FULL BORE
40	BK3 1 1/2" NPT	350	1.1/2" NPT	FULL BORE
50	BK3 2" NPT	350	2" NPT	FULL BORE

BK3 ISO 8434-1 / DIN 2353

	DN	Part No	W.P.	G	Flow
L-SERIE	4	BK3 06L	500	DIN 06L	FULL BORE
	6	BK3 08L	500	DIN 08L	FULL BORE
	8	BK3 10L	500	DIN 10L	FULL BORE
	10	BK3 12L	400	DIN 12L	FULL BORE
	13	BK3 15L	400	DIN 15L	FULL BORE
	13	BK3 18L	250	DIN 18L	FULL BORE
	20	BK3 22L	250	DIN 22L	FULL BORE
	25	BK3 28L	250	DIN 28L	FULL BORE
	25	BK3 35L	250	DIN 35L	RED. BORE
S-SERIE	4	BK3 08S	500	DIN 08S	FULL BORE
	6	BK3 10S	500	DIN 10S	FULL BORE
	8	BK3 12S	500	DIN 12S	FULL BORE
	10	BK3 14S	500	DIN 14S	FULL BORE
	13	BK3 16S	500	DIN 16S	FULL BORE
	13	BK3 20S	500	DIN 20S	FULL BORE
	20	BK3 25S	315	DIN 25S	FULL BORE
	25	BK3 30S	315	DIN 30S	FULL BORE
	25	BK3 38S	315	DIN 38S	RED. BORE

BK3 UNF thread

DN	Part No	W.P.	G	Flow
6	BK3 7/16 UNF	500	7/16" UNF	FULL BORE
10	BK3 9/16 UNF	500	9/16" UNF	FULL BORE
13	BK3 3/4 UNF	500	3/4" UNF	FULL BORE
20	BK3 1 1/16 UNF	315	1.1/16" UN	FULL BORE
25	BK3 1 5/16 UNF	315	1.5/16" UN	FULL BORE
32	BK3 1 5/8 UNF	350	1.5/8" UN	FULL BORE
40	BK3 1 7/8 UNF	350	1.7/8" UN	FULL BORE
50	BK3 2 1/2 UNF	350	2.1/2" UN	FULL BORE

Material: Mild Steel or Stainless Steel Part No.:
Mild Steel
Stainless Steel: add -316, BK3 1 1/4"R-316

Technical Data 3KH 2-Way Ball Valves

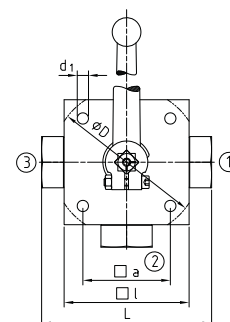
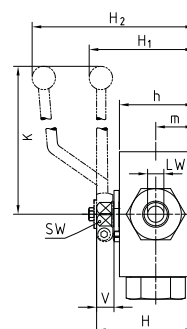


AVAILABLE SIZES

DN4 - DN25 (1/8" to 1")

CONNECTIONS

BSP Female thread, NPT Female thread,
DIN 2353/ISO 8434-1 L-S serie,
UNF Female thread, others on request



GENERAL DIMENSIONS

Type	LW _{L/T}	D	a	l	d ₁	H	h	m	K	V	SW	H ₁	H ₂	Lever
3KH-DN4	5	-	55	70	6,5	58	40	22	160	14	12	-	101	Al
3KH-DN6	5	-	55	70	6,5	58	40	22	160	14	12	-	101	Al
3KH-DN8	8	-	65	80	6,5	68	50	27	200	14	14	72	-	Zn
3KH-DN10	8	-	65	80	6,5	68	50	27	200	14	14	72	-	Zn
3KH-DN13	13	-	80	100	9	78	60	31	200	14	14	82	-	Zn
3KH-DN16	13	-	80	100	9	78	60	31	200	14	14	82	-	Zn
3KH-DN20	18	138	85	113	8,5	88	67	36,5	320	16,5	17	96	-	Al
3KH-DN25	23	138	85	119	8,5	103	82	47,5	320	16,5	17	112	-	Al
3KH-DN25/32	23	138	85	119	8,5	103	82	47,5	320	16,5	17	112	-	Al
3KH-DN25/40	23	138	85	119	8,5	103	82	47,5	320	16,5	17	112	-	Al

ACCESSORIES ON REQUEST

- Locking devices
- Actuators
- Mounting hole
- Position switches
- Combination
- Deten

MATERIAL CODE DESCRIPTION

Materials	112A	112B	442A	442B
Body	Steel	Steel	Stainless Steel	Stainless Steel
Trunnion ball	Steel	Steel	Stainless Steel	Stainless Steel
Ball seats	POM	POM	POM	POM
O-rings	NBR	FPM	NBR	FPM
Tmin / Tmax	-20°C / 100°C	-20°C / 100°C	-30°C / 100°C	-20°C / 100°C
Porting pattern	L=SB01 T=SB02	L=SB01 T=SB02	L=SB01 T=SB02	L=SB01 T=SB02

3-4 Way Ball Valves

3KH



DN				
	Part No	W.P	G	Flow
4	3KH 1/8"R	500	1/8" BSP	FULL BORE
6	3KH 1/4"R	500	1/4" BSP	FULL BORE
10	3KH 3/8"R	500	3/8" BSP	FULL BORE
13	3KH 1/2"R	400	1/2" BSP	FULL BORE
20	3KH 3/4"R	315	3/4" BSP	FULL BORE
25	3KH 1"R	315	1" BSP	FULL BORE
25	3KH 1 1/4"R	315	1.1/4" BSP	RED. BORE
25	3KH 1 1/2"R	250	1.1/2" BSP	RED. BORE

Other available connections:

- NPT
- UN(F)
- DIN 2353 / ISO 8434-1 L & S series

Standard valve delivered with T-bore. For X-bore, please add X to the Part No.

4KH



DN				
	Part No	W.P	G	Flow
4	4KH 1/8"R	500	1/8" BSP	FULL BORE
6	4KH 1/4"R	500	1/4" BSP	FULL BORE
10	4KH 3/8"R	500	3/8" BSP	FULL BORE
13	4KH 1/2"R	400	1/2" BSP	FULL BORE
20	4KH 3/4"R	315	3/4" BSP	FULL BORE
25	4KH 1"R	315	1" BSP	FULL BORE
25	4KH 1 1/4"R	315	1.1/4" BSP	RED. BORE
25	4KH 1 1/2"R	250	1.1/2" BSP	RED. BORE

Other available connections:

- NPT
- UN(F)
- DIN 2353 / ISO 8434-1 L & S series

Standard valve delivered with T-bore. For X-bore, please add X to the Part No.

Material: Mild Steel or Stainless Steel Part No.:
Mild Steel
Stainless Steel: add -316, BK3 1 1/4"R-316

Low Pressure Ball Valves

HP52 - Brass Ball Valves



- Lever handle in steel, body in brass(nickel-plated)
- Min. max. working temperatures: -20°C, 150°C.
- BSP female threads, NPT on request

DN	Part No	W.P. [bar]	G	Flow
8	HP52 1/4"R	80	1/4" BSP	FULL BORE
10	HP52 3/8"R	80	3/8" BSP	FULL BORE
15	HP52 1/2"R	80	1/2" BSP	FULL BORE
20	HP52 3/4"R	80	3/4" BSP	FULL BORE
25	HP52 1"R	80	1" BSP	FULL BORE
32	HP52 1 1/4"R	63	1 1/4" BSP	FULL BORE
40	HP52 1 1/2"R	63	1 1/2" BSP	FULL BORE
50	HP52 2"R	50/63	2" BSP	FULL BORE
65	HP52 2 1/2"R	40	1 1/4" BSP	FULL BORE
80	HP52 3"R	25	1 1/2" BSP	FULL BORE
100	HP52 4"R	16	2" BSP	FULL BORE



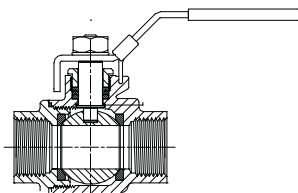
HP1 - Stainless Steel

Part No	W.P. bar	G	Flow
HP1-1/4"-316	63	1/4" BSP	REDUCED BORE
HP1-3/8"-316	63	3/8" BSP	REDUCED BORE
HP1-1/2"-316	63	1/2" BSP	REDUCED BORE
HP1-3/4"-316	63	3/4" BSP	REDUCED BORE
HP1-1"-316	63	1" BSP	REDUCED BORE
HP1-1 1/4"-316	63	1 1/4" BSP	REDUCED BORE
HP1-1 1/2"-316	63	1 1/2" BSP	REDUCED BORE
HP1-2"-316	63	2" BSP	REDUCED BORE

- Female/female threads.
- Lever handle and body in stainless steel, PTFE seals.
- Min. and max. working temperatures: -40°C, 200°C.
- **Threads: BSPP**

Low Pressure Ball Valves

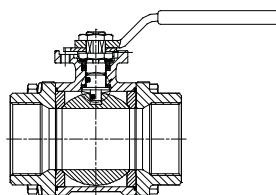
HP2 - Stainless Steel



- Female/female threads, 2-piece body
- Lever handle and body in stainless steel, PTFE seals
- Min. and max. working temperatures: -40°C, 200°C.
- Threads: BSP, NPT(replace R with NPT)

DN	Part No	W.P. [bar]	G	Flow
8	HP2 1/4"R	140	1/4" BSP	FULL BORE
10	HP2 3/8"R	140	3/8" BSP	FULL BORE
15	HP2 1/2"R	140	1/2" BSP	FULL BORE
20	HP2 3/4"R	140	3/4" BSP	FULL BORE
25	HP2 1"R	140	1" BSP	FULL BORE
32	HP2 1 1/4"R	100	1 1/4" BSP	FULL BORE
40	HP2 1 1/2"R	100	1 1/2" BSP	FULL BORE
50	HP2 2"R	100	2" BSP	FULL BORE

HP3 - Stainless Steel



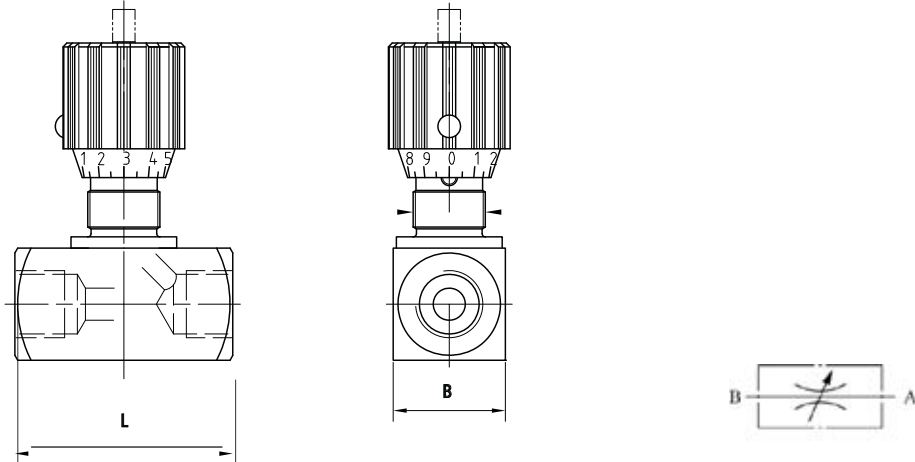
- Female/female threads, 3-piece body.
- Lever handle and body in stainless steel, PTFE seals
- Min. and max. working temperatures: -40°C, 200°C.
- Threads: BSP, NPT(replace R with NPT)
- Also available with welding hubs.

DN	Part No	W.P.	G	Flow
8	HP3 1/4"R	63	1/4" BSP	FULL BORE
10	HP3 3/8"R	63	3/8" BSP	FULL BORE
15	HP3 1/2"R	63	1/2" BSP	FULL BORE
20	HP3 3/4"R	63	3/4" BSP	FULL BORE
25	HP3 1"R	63	1" BSP	FULL BORE
32	HP3 1 1/4"R	63	1 1/4" BSP	FULL BORE
40	HP3 1 1/2"R	63	1 1/2" BSP	FULL BORE
50	HP3 2"R	63	2" BSP	FULL BORE
65	HP3 2 1/2"R	63	2 1/2" BSP	FULL BORE
80	HP3 3"R	63	3" BSP	FULL BORE

Flow Control & Needle Valves

NDV

Flow Control Valve BSP



DN	Part No	Data			
		W.P.	G	L	B
6	NDV 1/8 BSP	350	1/8" BSP	38	16
8	NDV 1/4 BSP	350	1/4" BSP	48	25
10	NDV 3/8 BSP	350	3/8" BSP	58	30
12	NDV 1/2 BSP	350	1/2" BSP	68	35
16	NDV 3/4 BSP	350	3/4" BSP	78	45
20	NDV 1 BSP	350	1" BSP	108	50
25	NDV 1.1/4 BSP	350	1.1/4" BSP	108	60
30	NDV 1 1/2 BSP	350	1.1/2" BSP	108	70
40	NDV 2 BSP	350	2" BSP	120	90

Materials

Body Steel
 O-rings NBR
 Tmin / Tmax -20°C / 100°C

Flow Control Valve NPT

DN	Part No	Data			
		W.P.	G	L	B
6	NDV 1/8 NPT	350	1/8"NPT	38	16
8	NDV 1/4 NPT	350	1/4"NPT	48	25
10	NDV 3/8 NPT	350	3/8"NPT	58	30
12	NDV 1/2 NPT	350	1/2"NPT	68	35
16	NDV 3/4 NPT	350	3/4"NPT	78	45
20	NDV 1 NPT	350	1"NPT	108	50
25	NDV 1.1/4 NPT	350	1.1/4"NPT	108	60
30	NDV 1.1/2 NPT	350	1.1/2"NPT	108	70
40	NDV 2 NPT	350	2"NPT	120	90

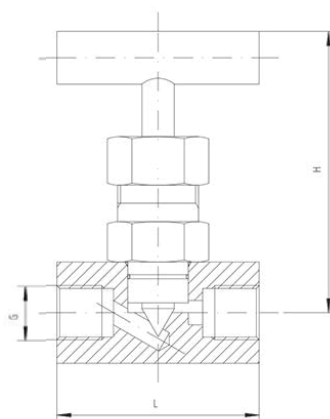
Materials

Body Steel
 O-rings NBR
 Tmin / Tmax -20°C / 100°C

Flow Control & Needle Valves

NV

SS316 Needle Valve



Stainless Steel Needle Valve BSP

DN	Part No	Data			
		W.P.	G	L	H
6	NDV 1/8 BSP-316	420	1/8" BSP	38	16
8	NDV 1/4 BSP-316	420	1/4" BSP	48	25
10	NDV 3/8 BSP-316	420	3/8" BSP	58	30
12	NDV 1/2 BSP-316	420	1/2" BSP	68	35
16	NDV 3/4 BSP-316	420	3/4" BSP	78	45
20	NDV 1 BSP-316	420	1" BSP	108	50

With Stuffing Box Seal - PTFE
Temperature: -20°C up to +200°C

Stainless Steel Needle Valve NPT

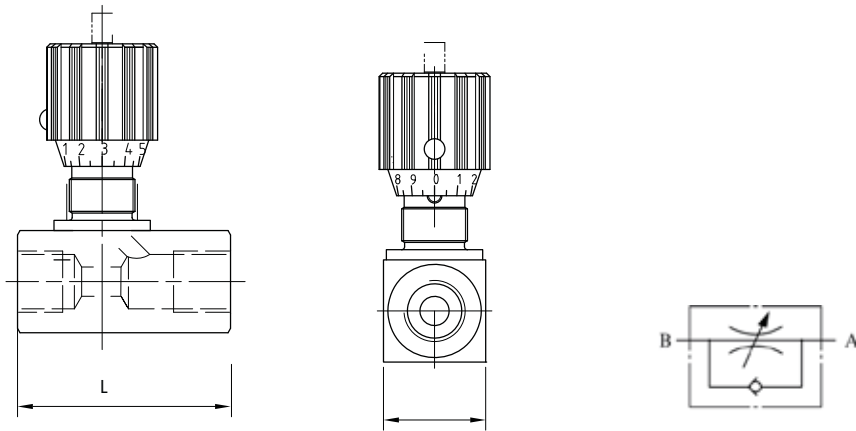
DN	Part No	Data			
		W.P.	G	L	H
6	NDV 1/8 NPT-316	420	1/8" NPT	38	16
8	NDV 1/4 NPT-316	420	1/4" NPT	48	25
10	NDV 3/8 NPT-316	420	3/8" NPT	58	30
12	NDV 1/2 NPT-316	420	1/2" NPT	68	35
16	NDV 3/4 NPT-316	420	3/4" NPT	78	45
20	NDV 1 NPT-316	420	1" NPT	108	50

With Stuffing Box Seal - PTFE
Temperature: -20°C up to +200°C

Flow Control & Needle Valves

NDRV

Flow Control Check Valve BSP

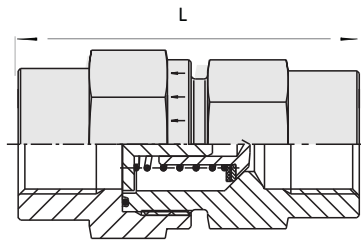


DN	Part No	Data				
		WP.	G	L	B	M
6	NDRV 1/8	350	1/8" BSP	45	16	8
8	NDRV 1/4	350	1/4" BSP	55	25	12,5
10	NDRV 3/8	350	3/8" BSP	65	30	15
12	NDRV 1/2	350	1/2" BSP	73	35	17,5
16	NDRV 3/4	350	3/4" BSP	88	45	22,5
20	NDRV 1	350	1" BSP	127	50	25
25	NDRV 1.1/4	350	1.1/4" BSP	143	60	30
30	NDRV 1.1/2	350	1.1/2" BSP	143	70	35
40	NDRV 2	350	2" BSP	165	90	45

Materials 1A
 Body Steel
 O-rings NBR
 Tmin / Tmax -20°C / 100°C
 Cracking pressure 0,5 bar*

Also available with NPT and UNF

Check Valves

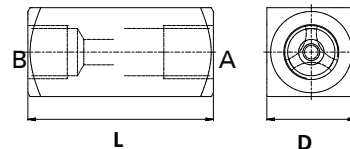


RHDI

Check Valve BSP Female

Part No	W.P.	Data		Flow
		G	L	
RHDI 1/8"	400	1/8" BSP	42.5	NON RETURN
RHDI 1/4"	400	1/4" BSP	51	NON RETURN
RHDI 3/8"	400	3/8" BSP	60	NON RETURN
RHDI 1/2"	400	1/2" BSP	72	NON RETURN
RHDI 3/4"	400	3/4" BSP	84	NON RETURN
RHDI 1"	250	1" BSP	95	NON RETURN
RHDI 1 1/4"	250	1.1/4" BSP	110	NON RETURN
RHDI 1 1/2"	250	1.1/2" BSP	114	NON RETURN
RHDI 2"	250	2" BSP		NON RETURN

RV Check Valve BSP Female

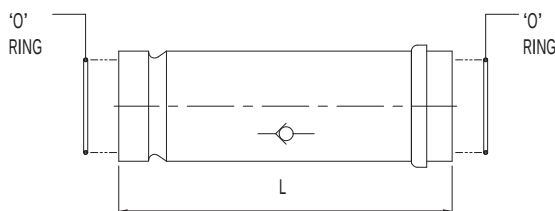


DN	Part No	W.P.	G	L	D	Flow
6	RV 1/8"	500	1/8" BSP	45	16	NON RETURN
8	RV 1/4"	500	1/4" BSP	55	25	NON RETURN
10	RV 3/8"	500	3/8" BSP	65	30	NON RETURN
12	RV 1/2"	500	1/2" BSP	73	35	NON RETURN
16	RV 3/4"	500	3/4" BSP	88	45	NON RETURN
20	RV 1"	500	1" BSP	127	50	NON RETURN
25	RV1 1/4"	400	1.1/4" BSP	143	60	NON RETURN
30	RV1 1/2"	350	1.1/2" BSP	143	70	NON RETURN
40	RV 2"	350	2" BSP	165	90	NON RETURN

Material: Mild Steel or Stainless Steel
 Part No.: Mild Steel
 Stainless Steel: add -316, BK3 1 1/4"R-316
 also available with NPT and UNF

Check Valves

CV Flange Check Valve



Size	Part No.	L (mm)	Flange conn.	kgs/pc	WP BAR
3/4"	CV-075-07-FC34	91.4	SAE3000	.59	350
1"	CV-100-07-FC34	111.8	SAE3000	.76	350
1 1/4"	CV-125-07-FC34	131.6	SAE3000	1.14	350
1 1/2"	CV-150-07-FC34	146.3	SAE3000	1.93	350
2"	CV-200-07-FC34	171.2	SAE3000	2.55	350
2 1/2"	CV-250-07-FC34	181.4	SAE3000	4.09	350
3"	CV-300-07-FC34	191.3	SAE3000	6.21	350
3/4"	CV-075-07-FC64	91.4	SAE6000	.59	350
1"	CV-100-07-FC64	111.8	SAE6000	.76	350
1 1/4"	CV-125-07-FC64	131.6	SAE6000	1.14	350
1 1/2"	CV-150-07-FC64	146.3	SAE6000	1.93	350
2"	CV-200-07-FC64	171.2	SAE6000	2.55	350
2"	CV-200-07-FC74	171.2	ISO6164	2.55	350
2 1/2"	CV-250-07-FC74	181.4	ISO6164	4.09	350
3"	CV-300-07-FC74	191.3	ISO6164	6.21	350

Opening Pressure		
	PSI	BAR
Standard	7	0.5
Optional	21	1.5
Optional	43	3.0

* INSERT 'V' TO INDICATE OPTIONAL VITON 'O' RINGS

MATERIAL: CARBON STEEL, STAINLESS STEEL ADD -SS

RV-SAE Check Valve with SAE adapter



Type SAE 3000	Size	Weight	L	PN Bar
RVZ-DN15-SAE210	1/2"	1,10	46	210
RVZ-DN20-SAE210	3/4"	1,50	54	210
RVZ-DN25-SAE210	1"	2,30	61	210
RVZ-DN32-SAE210	1 1/4"	3,45	82	210
RVZ-DN40-SAE210	1 1/2"	4,85	89	210
RVZ-DN50-SAE210	2"	7,80	105	210

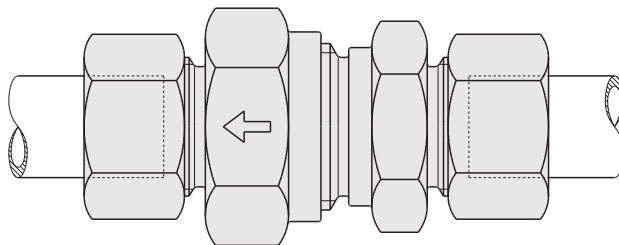
Type SAE 6000	Size	Weight	L	PN Bar
RVZ-DN15-SAE420	1/2"	1,10	46	420
RVZ-DN20-SAE420	3/4"	1,50	54	420
RVZ-DN25-SAE420	1"	2,30	61	420
RVZ-DN32-SAE420	1 1/4"	3,45	84	420
RVZ-DN40-SAE420	1 1/2"	4,85	91	420
RVZ-DN50-SAE420	2"	7,80	109	420

MATERIAL: CARBON STEEL, STAINLESS STEEL ADD -316

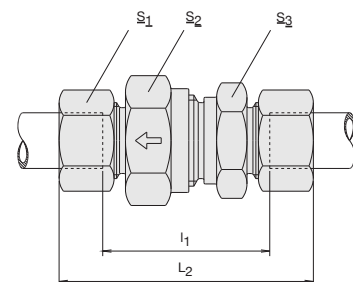
Check Valves

RHD NON-RETURN VALVES

Tube connection both ends



RHD



Part.no	pipe OD	series	DN nominal size		S1	S2	S3	L1	I1	bore	kg / 100 pcs
RHD06LOMD	6	L 250 (625)	4		14	17	17	58.0	29.0	3.5	6.5
RHD08LOMD	8	L 250 (625)	6	1/8"	17	19	19	59.0	30.0	5.5	8.0
RHD10LOMD	10	L 250 (625)	8	1/4"	19	24	22	69.5	40.5	7.5	14.0
RHD12LOMD	12	L 250 (625)	10	3/8"	22	30	27	72.5	43.5	9.5	21.0
RHD15LOMD	15	L 250 (625)	12	1/2"	27	32	27	77.5	47.5	11.5	25.0
RHD18LOMD	18	L 160 (400)	16	1/2"	32	36	36	83.5	51.5	14.0	40.0
RHD22LOMD	22	L 160 (400)	20	3/4"	36	46	41	93.5	61.5	18.0	61.0
RHD28LOMD	28	L 100 (250)	25	1"	41	55	50	102.5	69.5	23.0	88.0
RHD35LOMD	35	L 100 (250)	32	1 1/4"	50	60	60	117.5	74.5	29.0	130.0
RHD42LOMD	1) 42	L 100 (250)	32	1 1/4"	60	70	65	119.0	74.0	29.0	200.0
RHD06SOMD	6	S 400 (1000)	3		17	19	19	63.5	34.5	3.5	9.5
RHD08SOMD	8	S 400 (1000)	4		19	19	19	63.5	34.5	3.5	11.0
RHD10SOMD	10	S 400 (1000)	6	1/8"	22	24	22	72.5	40.5	5.5	18.0
RHD12SOMD	12	S 400 (1000)	8	1/4"	24	27	24	74.5	42.5	7.5	21.5
RHD14SOMD	14	S 400 (1000)	10	3/8"	27	32	27	82.5	47.5	9.5	30.0
RHD16SOMD	1) 16	S 400 (1000)	12	1/2"	30	36	32	86.5	50.5	11.5	40.0
RHD20SOMD	1) 20	S 400 (1000)	16	1/2"	36	46	41	97.5	54.5	15.0	69.0
RHD25SOMD	1) 25	S 250 (625)	20	3/4"	46	50	46	106.5	58.5	19.0	103.5
RHD30SOMD	30	S 250 (625)	25	1"	50	60	60	122.5	69.5	24.0	159.0
RHD38SOMD	1) 38	S 250 (625)	32	1 1/4"	60	70	65	136.5	75.5	29.0	227.0

L1 = approximate length with nut tightened

1)= valve halves with O-ring sealing

Material: Mild Steel or Stainless Steel

Part No.: Mild Steel

Stainless Steel: add -316, BKH-3/4"R-316

Max flow speed is about 8 m/sec.

Opening pressure 1 bar. Further opening pressures upon request.

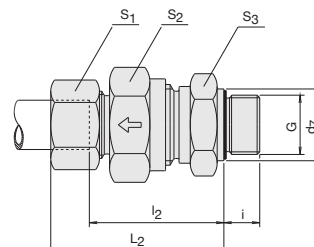
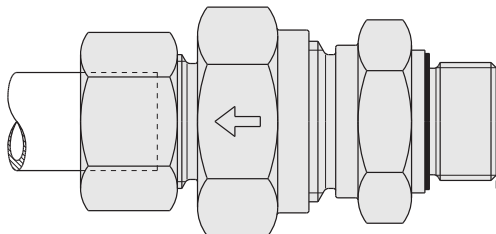
Perbunan standard -35°C up to +100°C.

Viton optional -40°C up to +200°C.

Check Valves

RHV NON-RETURN VALVES

Tube - BSP. Flow from male stud end



Part.no	pipe OD	series	DN nominal size	S1	S2	S3	L2	l2	d7	i	bore	BSP thread	kg / 100 pcs
RHV06LREDOMD	6	L 250 (625)	4	14	17	17	42.5	28.0	14	8	3.5	G 1/8" A	5.0
RHV08LREDOMD	8	L 250 (625)	6	1/8"	17	19	44.5	30.0	19	12	5.5	G 1/4" A	7.2
RHV10LREDOMD	10	L 250 (625)	8	1/4"	19	24	53.0	38.5	19	12	7.5	G 1/4" A	9.0
RHV12LREDOMD	12	L 250 (625)	10	3/8"	22	30	57.0	42.5	22	12	9.5	G 3/8" A	18.5
RHV15LREDOMD	15	L 250 (625)	12	1/2"	27	32	60.5	45.5	27	14	11.5	G 1/2" A	22.5
RHV18LREDOMD	18	L 160 (400)	16	1/2"	32	36	66.0	50.0	27	14	14.0	G 1/2" A	33.5
RHV22LREDOMD	22	L 160 (400)	20	3/4"	36	46	71.0	55.0	32	16	18.0	G 3/4" A	50.0
RHV28LREDOMD	28	L 100 (250)	25	1"	41	55	79.5	63.0	40	18	23.0	G 1" A	78.5
RHV35LREDOMD	35	L 100 (250)	32	1 1/4"	50	60	90.5	69.0	50	20	29.0	G 1 1/4" A	115.2
RHV42LREDOMD	1) 42	L 100 (250)	32	1 1/4"	60	70	91.0	68.5	55	22	29.0	G 1 1/2" A	179.0
RHV06SREDOMD	6	S 400 (1000)	3	17	19	19	46.0	31.5	19	12	3.5	G 1/4" A	9.0
RHV08SREDOMD	8	S 400 (1000)	4	19	19	19	46.0	31.5	19	12	3.5	G 1/4" A	11.5
RHV10SREDOMD	10	S 400 (1000)	6	1/8"	22	24	54.0	38.0	22	12	5.5	G 3/8" A	15.0
RHV12SREDOMD	12	S 400 (1000)	8	1/4"	24	27	57.0	41.0	22	12	7.5	G 3/8" A	18.5
RHV14SREDOMD	14	S 400 (1000)	10	3/8"	27	32	62.0	44.5	27	14	11.5	G 1/2" A	25.5
RHV16SREDOMD	1) 16	S 400 (1000)	12	1/2"	30	36	66.0	48.0	27	14	11.5	G 1/2" A	32.0
RHV20SREDOMD	1) 20	S 400 (1000)	16	1/2"	36	46	73.5	52.0	32	16	15.0	G 3/4" A	59.5
RHV25SREDOMD	1) 25	S 250 (625)	20	3/4"	46	50	78.5	54.5	40	18	19.0	G 1" A	85.0
RHV30SREDOMD	1) 30	S 250 (625)	25	1"	50	60	90.5	64.0	50	20	24.0	G 1 1/4" A	136.0
RHV38SREDOMD	1) 38	S 250 (625)	32	1 1/4"	60	70	100.0	69.5	55	22	29.0	G 1 1/2" A	195.0

L2 = approximate length with nut tightened

1) valve halves with O-ring sealing

Material: Mild Steel or Stainless Steel

Part No.: Mild Steel

Stainless Steel: add -316, BKH-3/4"R-316

Max flow speed is about 8 m/sec.

Opening pressure 1 bar. Further opening pressures upon request.

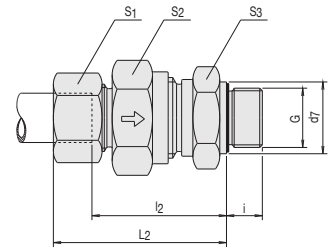
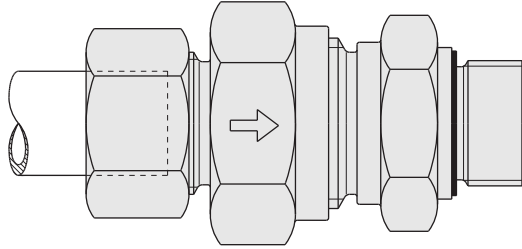
Perbunan standard -35°C up to +100°C.

Viton optional -40°C up to +200°C.

Check Valves

RHZ NON-RETURN VALVES

Tube - BSP. Flow towards male stud end



description	pipe OD	series	DN nominal size		S1	S2	S3	L2	l2	d7	i	bore	BSP thread	kg / 100	
														pcs	
RHZ06LREDOMD		6	L 250 [625]	4		14	17	17	41.0	26.5	14	8	3.5	G 1/8" A	5.1
RHZ08LREDOMD		8	L 250 [625]	6	1/8"	17	19	19	43.0	28.5	19	12	5.5	G 1/4" A	6.5
RHZ10LEEDOMD		10	L 250 [625]	8	1/4"	19	24	22	53.0	38.5	19	12	7.5	G 1/4" A	8.5
RHZ12LREDOMD		12	L 250 [625]	10	3/8"	22	27	30	55.0	40.5	22	12	9.5	G 3/8" A	18.0
RHZ15LREDOMD		15	L 250 [625]	12	1/2"	27	27	32	57.5	42.5	27	12	11.5	G 1/2" A	21.0
RHZ18LREDOMD		18	L 160 [400]	16	1/2"	32	36	36	64.0	48.0	27	14	14.0	G 1/2" A	32.0
RHZ22LREDOMD		22	L 160 [400]	20	3/4"	36	41	46	72.0	56.0	32	16	18.0	G 3/4" A	49.0
RHZ28LREDOMD		28	L 100 [250]	25	1"	41	50	55	80.5	64.0	40	18	23.0	G 1" A	77.0
RHZ35LREDOMD		35	L 100 [250]	32	1 1/4"	50	60	60	91.5	70.0	50	20	29.0	G 1 1/4" A	114.0
RHZ42LREDOMD	1)	42	L 100 [250]	32	1 1/4"	60	65	70	93.0	70.5	55	22	29.0	G 1 1/2" A	182.0
RHZ06SREDOMD		6	S 400 [1000]	3		17	19	19	46.0	31.5	19	12	3.5	G 1/4" A	7.5
RHZ08SREDOMD		8	S 400 [1000]	4		19	19	19	46.0	31.5	19	12	3.5	G 1/4" A	8.5
RHZ10SREDOMD		10	S 400 [1000]	6	1/8"	22	22	24	54.0	38.0	22	12	5.5	G 3/8" A	15.0
RHZ12SREDOMD		12	S 400 [1000]	8	1/4"	24	24	27	57.0	41.0	22	12	7.5	G 3/8" A	18.0
RHZ14SREDOMD		14	S 400 [1000]	10	3/8"	27	27	32	61.0	43.5	27	14	9.5	G 1/2" A	25.2
RHZ16SREDOMD	1)	16	S 400 [1000]	12	1/2"	30	32	36	64.0	46.0	27	14	11.5	G 1/2" A	32.5
RHZ20SREDOMD	1)	20	S 400 [1000]	16	1/2"	36	41	46	71.5	50.0	32	16	15.0	G 3/4" A	59.0
RHZ25SREDOMD	1)	25	S 250 [625]	20	3/4"	46	46	50	78.5	54.5	40	18	19.0	G 1" A	82.5
RHZ30SREDOMD		30	S 250 [625]	25	1"	50	60	60	90.5	64.0	50	20	24.0	G 1 1/4" A	133.2
RHZ38SREDOMD	1)	38	S 250 [625]	32	1 1/4"	60	65	70	102.0	71.5	55	22	29.0	G 1 1/2" A	197.5

L_2 = approximate length with nut tightened

1) valve halves with O-ring sealing

Material: Mild Steel or Stainless Steel

Part No.: Mild Steel

Stainless Steel: add -316, BKH-3/4"R-316

Max flow speed is about 8 m/sec.

Opening pressure 1 bar. Further opening pressures upon request.

Perbunan standard -35°C up to +100°C.

Viton optional -40°C up to +200°C.