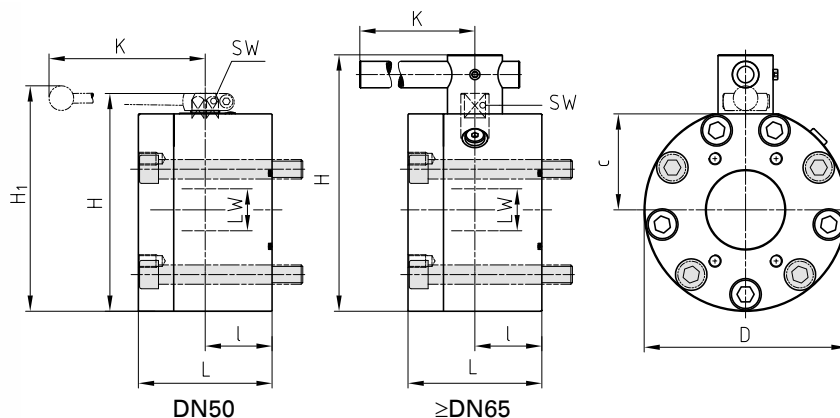


Flange ball valve with SAE connection metric / UNC Steel

**KH-SAE
flangeable**

Two-way



AVAILABLE SIZES

DN50 - DN125 (2" to 5")

CONNECTIONS

ISO6162-1 (single flange pattern), other connection types and sizes on request

ACCESSORIES ON REQUEST

- Locking devices page 230 - 234
- Actuators 228 - 229
- Mounting holes on request
- Position switches on request
- Combinations on request
- Detent on request

MATERIAL CODE DESCRIPTION

Materials	DN50 212A	DN50 2128	DN65-125 282A	DN65-125 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	K	SW	H ₁	Lever
KH-DN65	63	150	75	198	259	94	600	16	-	St ⁽¹⁾
KH-DN80 (PN100)	76	140	70	210	277	100	600	19	-	St ⁽¹⁾
KH-DN80 (PN160)	76	150	79	218	284	103,5	600	19	-	St ⁽¹⁾
KH-DN100	100	170	85	258	326	122	900	24	-	St ⁽¹⁾
KH-DN125	118	210	105	295	377	140	900	36	-	St ⁽¹⁾

Please note the pressure ratings of the connection flanges!

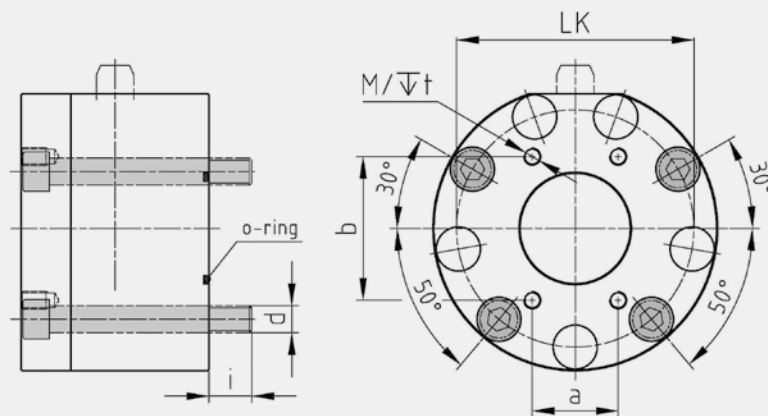
⁽¹⁾ Lever must be fixed centrally during operation. In case of vibration the lever may otherwise operate the valve by itself.

Flange ball valve with SAE connection metric / UNC Steel

KH-SAE
flangeable

CONNECTION TYPE

ISO 6162-1



DIMENSIONS

Type	a	b	M	t	LK	d	i	Dimension of screws (min) ⁽¹⁾	O-ring ⁽²⁾	Weight [Kg]
KH-DN65-SAE210	50,8	88,9	M12	19	163	M20	32	4x M20x160	69,44x3,53	29,70
KH-DN80-SAE210	61,9	106,4	M16	24	175	M20	32	4x M20x150	85,32x3,53	34,00
KH-DN80-SAE210	61,9	106,4	M16	24	182	M20	32	4x M20x160	85,32x3,53	
KH-DN100-SAE210	77,8	130,2	M16	24	215	M24	26	4x M24x170	110,72x3,53	59,50
KH-DN125-SAE210	92,1	152,4	M16	30	248	M27	35	4x M27x215	136,12x3,53	96,50
KH-DN65-SAE210	50,8	88,9	1/2"UNC	19	163	3/4"UNC	31	4x 3/4"UNCx6 1/4"	69,44x3,53	27,90
KH-DN80-SAE210	61,9	106,4	5/8"UNC	24	175	3/4"UNC	28	4x 3/4"UNCx5 3/4"	85,32x3,53	32,30
KH-DN80-SAE210	61,9	106,4	5/8"UNC	24	182	3/4"UNC	31	4x 3/4"UNCx6 1/4"	85,32x3,53	
KH-DN100-SAE210	77,8	130,2	5/8"UNC	24	215	1"UNC	27,5	4x 1"UNCx6 3/4"	110,72x3,53	56,60
KH-DN125-SAE210	92,1	152,4	5/8"UNC	30	248	1 1/8"UNC	35	4x 1 1/8"UNCx8 1/2"	136,12x3,53	91,40

ORDER CODE PER MATERIAL COMBINATION

PN [bar]	212A (282A)	2128 (2828)
175	40180	40188
100	40181	40189
160	59903	59904
35	40182	40190
35	40183	40191
175	40184	40192
100	40185	40193
160	59905	59906
35	40186	40194
35	40187	39344

⁽¹⁾ Metric screws included, UNC screws not included

⁽²⁾ O-ring included

Also available with ISO6162-2 and ISO6164 connection.

Two-way