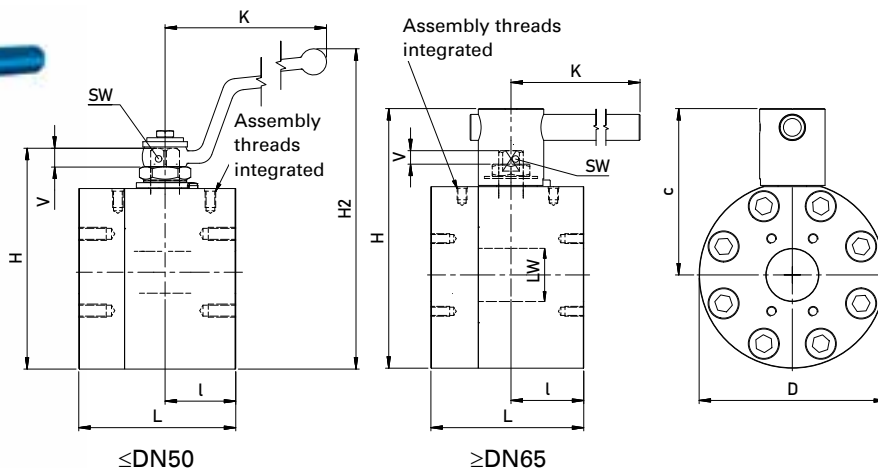


Flange ball valve with fire-safe approval (bi-direct) Stainless Steel

KH-SAE



AVAILABLE SIZES

DN25 - DN100 (1" to 4")

CONNECTIONS

ISO 6162-1, ISO 6162-2 (single flange pattern), others on request

ACCESSORIES ON REQUEST

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

MATERIAL CODE DESCRIPTION

Materials	44m8
Body	Stainless Steel
Ball	Stainless Steel
Stem	Stainless Steel
Primary all seats	PEEK
Secondary ball seats	Stainless Steel
Primary body and stem sealing	FPM
Secondary body and stem sealing	Graphite
Tmin /Tmax	-20°C / 200°C

GENERAL DIMENSIONS

Type	LW	L	I	D	H	c	V _{min}	SW	K	H ₂	Lever
KH-DN25	25	115	49	120	133	46	11	14	160	170	SS
KH-DN32	32	120	54	148	174	64	14	17	227	248	SS
KH-DN40	43	130	55	175	197	79	14,4	17	227	273	SS
KH-DN50	48	140	65	198	220	94	10,1	17	227	299	SS
KH-DN65	64	187	85	224	318	108	16,5	22	600	-	SS ⁽¹⁾
KH-DN80	76/72	200	98	280	365	128,5	19,1	22	600	-	SS ⁽¹⁾
KH-DN100	on request										SS ⁽¹⁾

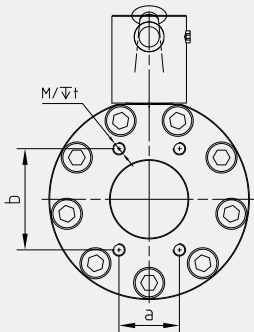
Fire-safe approval as per DIN EN ISO 10497 (2016) and API 607 (7th edition)

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

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CONNECTION TYPE	DIMENSIONS						ORDER CODE PER MATERIAL COMBINATION	
ISO 6162-1 (single flange pattern)	Type	a	b	M	t	Weight [Kg]	PN [bar]	44m8
	KH-DN25-SAE210	52,4	26,2	M10	20	9,0	320	69713
	KH-DN32-SAE210	30,2	58,7	M10	21	15,5	280	69716
	KH-DN40-SAE210	35,7	69,9	M12	21	23,0	210	69709
	KH-DN50-SAE210	42,9	77,8	M12	21	31,1	210	69707
	KH-DN65-SAE210	50,8	88,9	M12	23	57,0	175	69732
	KH-DN80-SAE210	61,9	106,4	M16	24	93,0	160	69735
	KH-DN100-SAE210	on request					on request	

CONNECTION TYPE	DIMENSIONS						ORDER CODE PER MATERIAL COMBINATION	
ISO 6162-2 (single flange pattern)	Type	a	b	M	t	Weight [Kg]	PN [bar]	44m8
	KH-DN25-SAE420	27,8	57,2	M12	20	9,0	420	69729
	KH-DN32-SAE420	31,8	66,7	M12	21	15,5	420	69726
	KH-DN40-SAE420	36,5	79,4	M16	27	23,0	420	69723
	KH-DN50-SAE420	44,5	96,8	M20	28	31,1	420	69720
	KH-DN65-SAE420	58,7	123,8	M24	41	57,0	420	69738
	KH-DN80-SAE420	71,4	152,4	M30	47	93,0	420	69741
	KH-DN100-SAE420	on request					on request	

Application-specific

Assembly threads integrated.

Please note the pressure ratings of the connection flanges!