



## AVAILABLE SIZES

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

## CONNECTIONS

DIN ISO 228 Female thread, ANSI B1.20.1 NPT Female thread, DIN 2353/ISO 8434-1 Light / Heavy series, SAE J 514/ISO/DIS11926-1 Female thread, others on request

## ACCESSORIES ON REQUEST

- Locking devices page 222 - 225
- Actuators 220 - 221
- Mounting holes 17
- Position switches 228 - 229
- Combinations 184 - 186
- Detent on request

## MATERIAL CODE DESCRIPTION

Materials	24HA	24aA
Body	Steel	Steel
Ball	Stainless Steel	Stainless Steel
Stem	Stainless Steel	Stainless Steel
Ball seats	POM*	PEEK-ATEX*
O-rings	NBR	NBR
Tmin / Tmax	-30°C / 100°C	-30°C / 100°C

\*with inner protection ring

## GENERAL DIMENSIONS

Type	l	B	H	h	m	V	SW	K	H <sub>1</sub>	H <sub>2</sub>	Lever
BKH-DN4	40	26	47	33	13,5	11	9	115	-	82	Zn
BKH-DN6	40	26	47	33	13,5	11	9	115	-	82	Zn
BKH-DN8	40	26	47	33	13,5	11	9	115	-	82	Zn
BKH-DN10	43	32	52	38	17,5	11	9	115	-	86	Zn
BKH-DN13	48	35	54	40	19	11	9	115	-	89	Zn
BKH-DN16	48	38	63	46	19	13	12	160	-	106	Al
BKH-DN20	62	49	75	57	24,5	14	14	200	79	-	Zn
BKH-DN25	66	58	83	65	29,5	14	14	200	87	-	Zn
BKH-DN25/32	66	58	83	65	29,5	14	14	200	87	-	Zn
BKH-DN25/40	66	58	83	65	29,5	14	14	200	87	-	Zn

ATEX rating EX II 2G c

Application-specific



CONNECTION TYPE	DIMENSIONS						ORDER CODE PER MATERIAL COMBINATION			
DIN ISO 228 FEMALE THREAD	Type	LW	L	i	d	Weight [Kg]	PN [bar]	24HA	24aA	
	BKH-DN4-G1/8	5	69	10	G1/8	0,41	500	39736*	39747	
	BKH-DN6-G1/4	6	69	14	G1/4	0,40	500	31410*	39748	
	BKH-DN10-G3/8	10	72	14	G3/8	0,54	500	32446*	39749	
	BKH-DN13-G1/2	13	83	16,3	G1/2	0,65	500	30191*	39750	
	BKH-DN16-G5/8	15	83	16	G5/8	0,70	400	39742*	39753	
	BKH-DN20-G3/4	20	95	18	G3/4	1,50	350	32493*	39754	
	BKH-DN25-G1	25	113	20	G1	2,20	350	32328*	39755	
	BKH-DN25/32-G1 1/4	25	120	22	G1 1/4	2,30	350	39745*	39756	
	BKH-DN25/40-G1 1/2	25	130	24	G1 1/2	2,60	350	39746*	39757	
ANSI B1.20.1 NPT FEMALE THREAD	Type	LW	L	i	d	Weight [Kg]	PN [bar]	24HA	24aA	
	BKH-DN4-1/8"NPT	5	69	10,5	1/8"NPT	0,30	500	39774*	39782	
	BKH-DN6-1/4"NPT	6	69	13,7	1/4"NPT	0,40	500	32161*	39783	
	BKH-DN10-3/8"NPT	10	72	13,5	3/8"NPT	0,55	500	39776*	39784	
	BKH-DN13-1/2"NPT	13	83	17	1/2"NPT	0,75	500	33235*	39785	
	BKH-DN20-3/4"NPT	20	95	18,3	3/4"NPT	1,63	350	39778*	39786	
	BKH-DN25-1"NPT	25	113	21,6	1"NPT	2,30	350	34052*	39787	
	BKH-DN25/32-1 1/4"NPT	25	120	22,1	1 1/4"NPT	2,51	350	39780*	39788	
	BKH-DN25/40-1 1/2"NPT	25	130	22,1	1 1/2"NPT	2,70	250	39781*	39789	
	DIN 2353 / ISO 8434-1 LIGHT SERIES	Type	LW	RA	L	i	d	Weight [Kg]	PN [bar]	24HA
	BKH-DN4-6L	5	6	67	7	M 12x1,5	0,36	500	32290*	39413
	BKH-DN6-8L	6	8	67	7	M 14x1,5	0,37	500	39402*	39414
	BKH-DN8-10L	8	10	74	7	M 16x1,5	0,38	500	33257*	39415
	BKH-DN10-12L	10	12	74	7	M 18x1,5	0,50	500	31729*	39416
	BKH-DN13-15L	13	15	82	7	M 22x1,5	0,61	500	39405*	39417
	BKH-DN13-18L	13	18	82	7,5	M 26x1,5	0,60	500	39407*	39419
	BKH-DN16-18L	15	18	82	7,5	M 26x1,5	0,75	400	39408*	39420
	BKH-DN20-22L	20	22	101	7,5	M 30x2	1,49	350	31746*	39421
	BKH-DN25-28L	25	28	108	7,5	M 36x2	2,00	350	39410*	39422
	BKH-DN25/32-35L	25	35	112	10,5	M 45x2	2,12	350	39411*	39423
	BKH-DN25/40-42L	25	42	112	11	M 52x2	2,27	315	39412*	39424

Please note the pressure ratings of the tube connections!

\*Article usually in stock.



CONNECTION TYPE	DIMENSIONS							ORDER CODE PER MATERIAL COMBINATION		
	Type	LW	RA	L	i	d	Weight [Kg]	PN [bar]	24HA	24aA
<b>DIN 2353 / ISO 8434-1 HEAVY SERIES</b>  	BKH-DN4-8S	5	8	73	7	M 16x1,5	0,38	500	32201*	39703
	BKH-DN6-10S	6	10	73	7,5	M 18x1,5	0,39	500	39693*	39704
	BKH-DN8-12S	8	12	76	7,5	M 20x1,5	0,39	500	27199*	39705
	BKH-DN10-14S	10	14	80	8	M 22x1,5	0,50	500	39695*	39706
	BKH-DN13-16S	13	16	86	8,5	M 24x1,5	0,60	500	39696*	39707
	BKH-DN13-20S	13	20	90	10,5	M 30x2	0,60	500	39698*	39709
	BKH-DN16-20S	15	20	90	10,5	M 30x2	0,80	400	28960*	39710
	BKH-DN20-25S	20	25	109	12	M 36x2	1,55	350	39700*	39711
	BKH-DN25-30S	25	30	120	13,5	M 42x2	2,10	350	39701*	39712
	BKH-DN25/32-38S	25	38	124	16	M 52x2	2,30	315	39702*	39713

CONNECTION TYPE	DIMENSIONS						ORDER CODE PER MATERIAL COMBINATION		
	Type	LW	L	i	d	Weight [Kg]	PN [bar]	24HA	24aA
<b>SAE J514/ISO/DIS11926-1 FEMALE THREAD</b>  	BKH-DN6-7/16" UNF	5	69	12	7/16"-20 UNF	0,39	500	39800*	39805
	BKH-DN10-9/16" UNF	10	72	13	9/16"-18 UNF	0,54	500	39801*	39806
	BKH-DN13-3/4" UNF	13	83	15	3/4"-16 UNF	0,82	500	39802*	39807
	BKH-DN20-1 1/16" UN	20	95	20	1 1/16"-12 UN	1,57	350	39803*	39808
	BKH-DN25-1 5/16" UN	25	113	20	1 5/16"-12 UN	2,30	350	39804*	39809

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