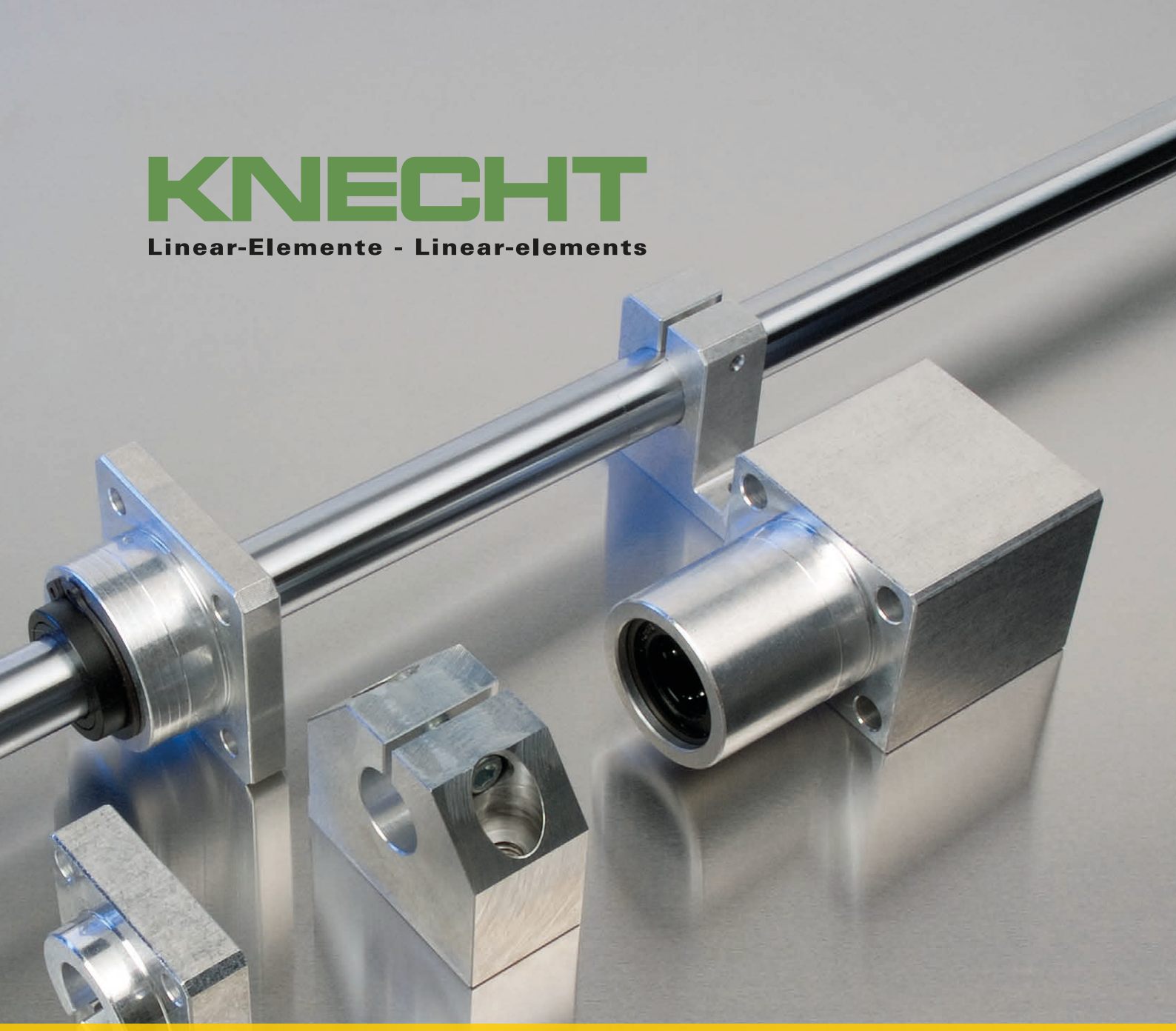
KNECHT

Linear-Elemente - Linear-elements



LINEAR COMPONENTS

Our complete linear bearing and shaft programm

INTRODUCTION

Since 1988, we've been producing an independent linear component program.

These linear components are technically high-precision products for circular guides that have proven themselves in automation and handling technology.

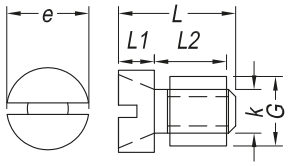
In addition to our standard components, we are able to offer you a wide range of special machining and special components. Please do not hesitate to contact us for solutions.Since linear technology demands the highest precision, we produce on the basis of the most modern CNC machines. To ensure the high quality standards of our customers, we have introduced a quality management system and have been certified according to DIN EN ISO 9001.

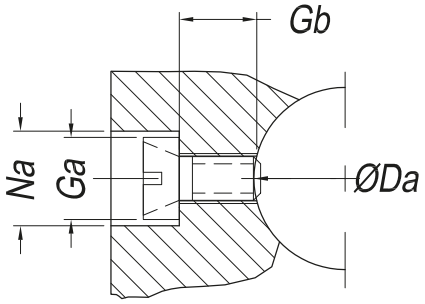
As a specific addition to our linear technology, the product range has been expanded to include precision steel shafts Cf53, stainless steel shafts and chrome-plated shafts. These can be machined axially and radially according to customer drawings.

We are pleased to answer all your questions about linear technology as competent and innovative partner.

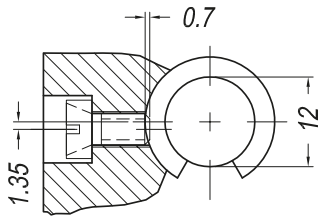
DMSZ
according to
ISO 9001
QM 01395

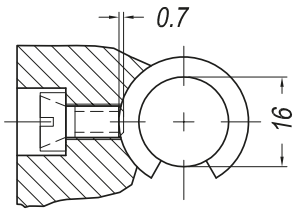
Grease nipple-ajusting screw

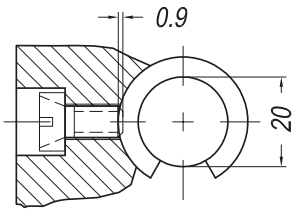


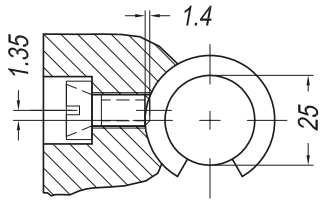


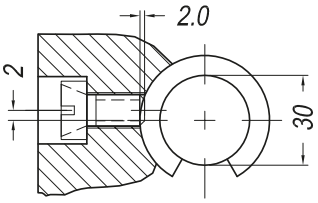
Position radial-axial fixing screw

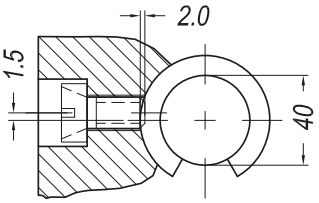


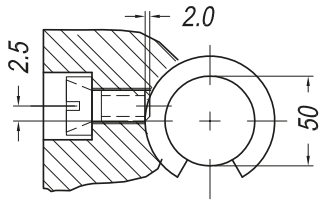


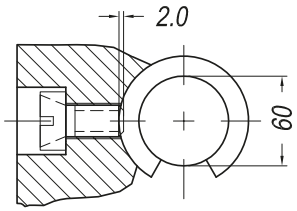


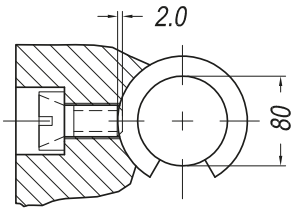












COMPACT RANGE

LINEAR BEARING

LINEAR HOUSING UNITS

LINEAR HOUSING UNITS – CONTINUED

SHAFT SUPPORT

SHAFT SUPPORT – CONTINUED

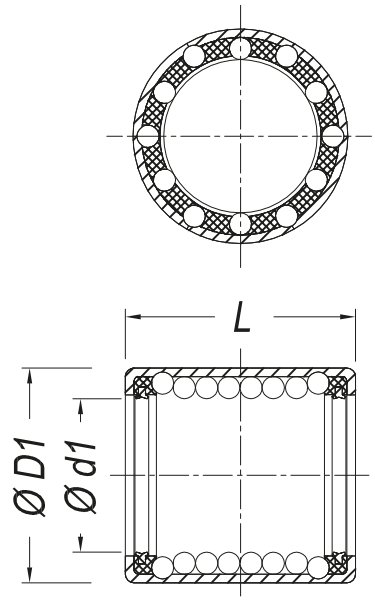
SHAFT SUPPORT BLOCK

LINEAR PRECISION SHAFTS

KH

Compact linear bearing

Also available without seals (UU)



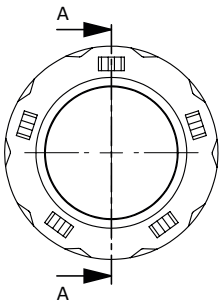
Art. No.	Type	Ød	ØD	L	Load ratings N		(kg)
					dyn.	stat.	
197-0071 (0050)	KH-0622-(UU)	6	12	22	400	239	0,007
197-0070 (0051)	KH-0824-(UU)	8	15	24	435	280	0,012
197-0062 (0052)	KH-1026-(UU)	10	17	26	500	370	0,014
197-0063 (0053)	KH-1228-(UU)	12	19	28	620	510	0,018
197-0064 (0054)	KH-1428-(UU)	14	21	28	620	520	0,020
197-0065 (0055)	KH-1630-(UU)	16	24	30	800	620	0,027
197-0061 (0056)	KH-2030-(UU)	20	28	30	950	790	0,032
197-0068 (0057)	KH-2540-(UU)	25	35	40	1990	1670	0,066
197-0067 (0058)	KH-3050-(UU)	30	40	50	2800	2700	0,095
197-0066 (0059)	KH-4060-(UU)	40	52	60	4400	4450	0,182
197-0069 (0060)	KH-5070-(UU)	50	62	70	5500	6300	0,252

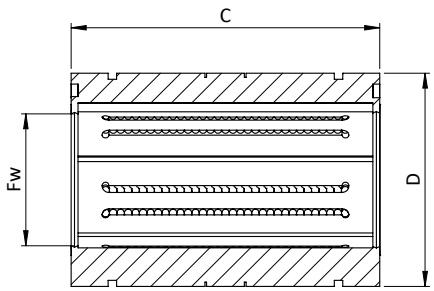
Notice:

- The bearing is mounted in the housing using circlips acc. to DIN 471
- Mounting screws EN ISO 4762 - 8.8. Spring washer
- **Also available without seal (UU)**

LBBR

Compact linear bearing with load plates





Art. No.	Type	F_w	D	C	Number of ball circuits	Load ratings N		(kg)
						dyn.	stat.	
197-0000	LBBR-12	12	40	5,5	5	695	510	0,012
197-0001	LBBR-16	16	24	30	5	930	630	0,018
197-0002	LBBR-20	20	28	30	6	1,160	800	0,021
197-0003	LBBR-25	25	35	40	7	2,120	1,560	0,047
197-0004	LBBR-30	30	40	50	8	3,150	2,700	0,070
197-0005	LBBR-40	40	52	60	8	5,500	4,500	0,130
197-0006	LBBR-50	50	62	70	9	6,950	6,300	0,18
197-0010	LBBR-12-2LS	12	40	5,5	5	695	510	0,012
197-0011	LBBR-16-2LS	16	24	30	5	930	630	0,018
197-0012	LBBR-20-2LS	20	28	30	6	1,160	800	0,021
197-0013	LBBR-25-2LS	25	35	40	7	2,120	1,560	0,047
197-0014	LBBR-30-2LS	30	40	50	8	3,150	2,700	0,070
197-0015	LBBR-40-2LS	40	52	60	8	5,500	4,500	0,130
197-0016	LBBR-50-2LS	50	62	70	9	6,950	6,300	0,18

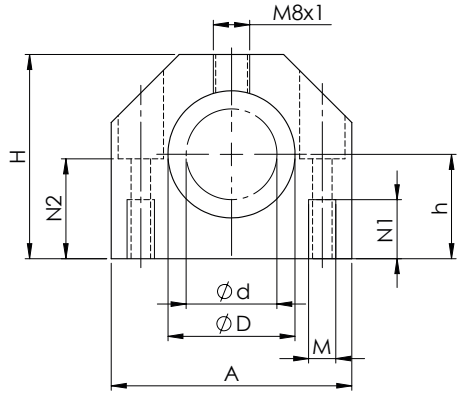
Notice:

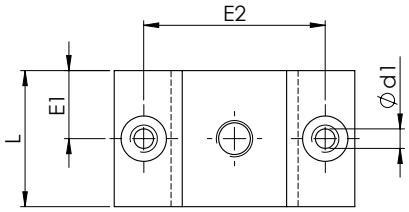
- The bearing is mounted in the housing using circlips to DIN 471
- Mounting screws EN ISO 4762 - 8.8. Spring washer

KGC27

Compact series, single, closed

Also available without grease bore





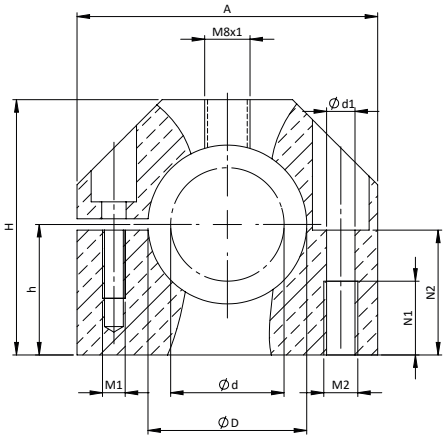
Art. No.	Type	Ød	ØD	A	Ød1	E1	E2	H	h	L	M	N1	N2	(kg)
110-0009	KGC27-06	6	12	32	3,4	11	23	27	13	22	M4	9	13	0,04
110-0001	KGC27-08	8	15	32	3,4	12	23	27	14	24	M4	9	13	0,04
110-0010	KGC27-10	10	17	40	4,3	13	29	33	16	26	M5	11	16	0,07
110-0002	KGC27-12	12	19	40	4,3	14	29	33	17	28	M5	11	16	0,07
110-0011	KGC27-14	14	21	40	4,3	14	29	33	18	28	M5	11	16	0,07
110-0003	KGC27-16	16	24	45	4,3	15	34	38	19	30	M5	11	18	0,08
110-0004	KGC27-20	20	28	53	5,3	15	40	45	23	30	M6	13	22	0,12
110-0005	KGC27-25	25	35	62	6,6	20	48	54	27	40	M8	18	26	0,22
110-0006	KGC27-30	30	40	67	6,6	25	53	60	30	50	M8	18	29	0,32
110-0007	KGC27-40	40	52	87	8,4	30	69	76	39	60	M10	22	38	0,61
110-0008	KGC27-50	50	62	103	10,5	35	82	92	47	70	M12	26	46	1,05

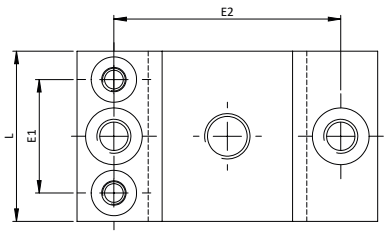
Notice:

- Mounting screw DIN EN ISO 4762 - 8.8 spring washer
- Mass without bearing
- Grease bore M8 x 1
- **Also available without grease bore**

KGCE28

Compact series, single, closed, ajustable





Art. No.	Type	Ød	ØD	A	Ød1	E1	E2	H	h	L	M1	M2	N1	N2	(kg)
110-0020	KGCE28-12	12	19	40	4,3	18	29	33	17	28	M5	M4	11	16	0,7
110-0021	KGCE28-16	16	24	45	4,3	19	34	38	19	30	M5	M4	11	18	0,8
110-0022	KGCE28-20	20	28	53	5,3	20	40	45	23	30	M6	M4	13	22	0,12
110-0023	KGCE28-25	25	35	62	6,6	25,5	48	54	27	40	M8	M6	18	26	0,22
110-0024	KGCE28-30	30	40	67	6,6	30,5	53	60	30	50	M8	M6	18	29	0,32
110-0025	KGCE28-40	40	52	87	8,4	36	69	76	39	60	M10	M8	22	38	0,61
110-0026	KGCE28-50	50	62	103	10,5	44	82	92	47	70	M12	M10	26	46	1,05

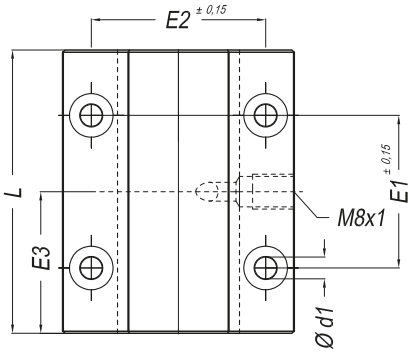
Notice:

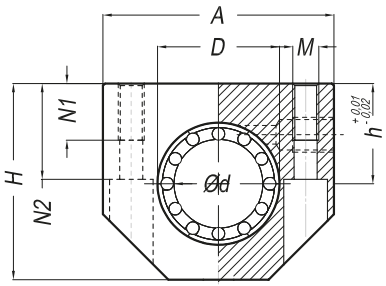
- Mounting screw DIN EN ISO 4762 - 8.8 spring washer
- Mass without bearing
- Grease bore M8 x 1

KTGC29

Compact housing, tandem,
Compact linear bearing/Linear plain bearing

Also available without grease bore and 2 mounting bores





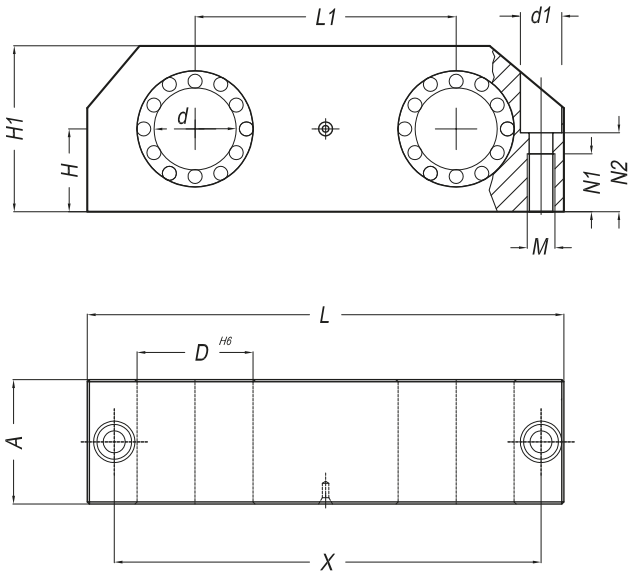
Art. No.	Type	Ød	ØD	A	Ød1	E1	E2	E3	H	h	L	M	N1	N2	(kg)
110-0040	KTGC29-12	12	19	40	4,3	35	29	30	33	17	60	M5	11	16	0,15
110-0041	KTGC29-16	16	24	45	4,3	40	34	32,5	38	19	65	M5	11	18	0,17
110-0042	KTGC29-20	20	28	53	5,3	45	40	32,5	45	23	65	M6	13	22	0,25
110-0043	KTGC29-25	25	35	62	6,6	55	48	42,5	54	27	85	M8	18	26	0,46
110-0044	KTGC29-30	30	40	67	6,6	70	53	52,5	60	30	105	M8	18	29	0,68
110-0045	KTGC29-40	40	52	87	8,4	85	69	62,5	76	39	125	M10	22	38	1,3
110-0046	KTGC29-50	50	62	103	10,5	100	82	72,5	92	47	145	M12	26	46	2,1

Notice:

- Mounting screw DIN EN ISO 4762 - 8.8 spring washer
- Mass without bearing
- Grease bore M8 x 1
- **Also available without grease bore and 2 mounting bores**

KDCG

Compact housing - Duo



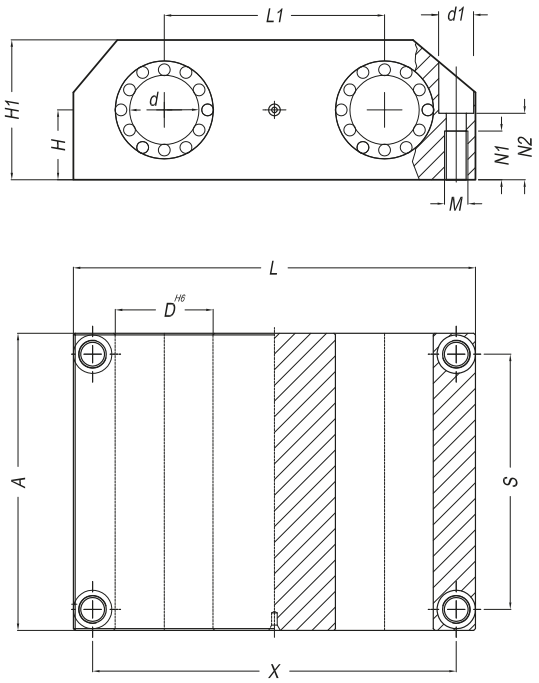
Art. No.	Type	Ød	A	D	d1	H	H1	L	L1	M	N1	N2	x	(kg)
110-0320	KDCG-12	12	28	19	8	15	30	80	40	M5	11	14	69	0,15
110-0321	KDCG-16	16	30	24	8	17,5	35	96	52	M5	11	16,5	86	0,2
110-0322	KDCG-20	20	30	28	10	20	40	115	63	M6	14	19	103	0,25
110-0323	KDCG-25	25	40	35	11	25	50	136	75	M8	18	24	123	0,5
110-0324	KDCG-30	30	50	40	11	28	56	146	80	M8	18	27	133	0,7
110-0325	KDCG-40	40	60	52	15	35	70	184	97	M10	22	34	166	1,3
110-0326	KDCG-50	50	70	62	18	40	80	210	107	M12	26	39	189	1,75

Notice:

- Mounting screw DIN EN ISO 4762 - 8.8 spring washer
- Mass without bearing

KQSGC

Compact housing - Quattro



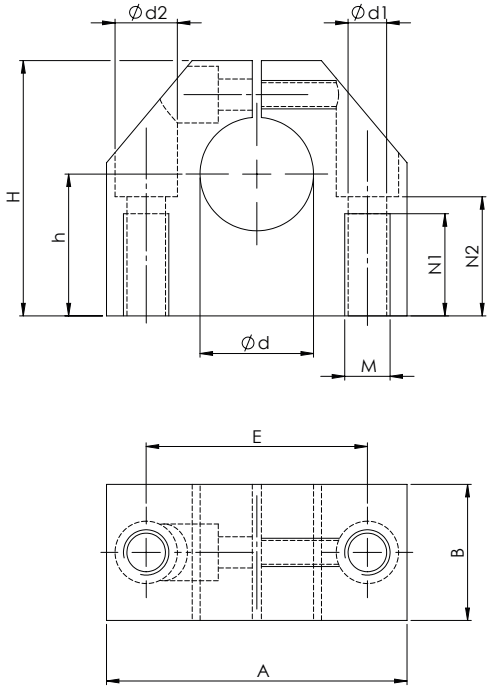
Art. No.	Type	Ød	A	d1	D	H	H1	L	L1	M	N1	N2	S	x	(kg)
118-0230	KQSGC-12	12	70	8	19	15	30	80	40	M5	11	14	59	69	0,3
118-0231	KQSGC-16	16	80	8	24	17,5	35	96	52	M5	11	16,5	70	86	0,5
118-0232	KQSGC-20	20	85	10	28	20	40	115	63	M6	14	19	73	103	0,7
118-0233	KQSGC-25	25	100	11	35	25	50	136	75	M8	18	24	87	123	1,2
118-0234	KQSGC-30	30	130	11	40	28	56	146	80	M8	18	27	117	133	1,8
118-0235	KQSGC-40	40	150	15	52	35	70	184	97	M10	22	34	132	166	3,1
118-0236	KQSGC-50	50	175	18	62	40	80	210	107	M12	26	39	154	189	4,5

Notice:

- Mounting screw DIN EN ISO 4762 - 8.8 spring washer
- Mass without bearing

KWBC58

Compact series, alu. alloy shaft support block



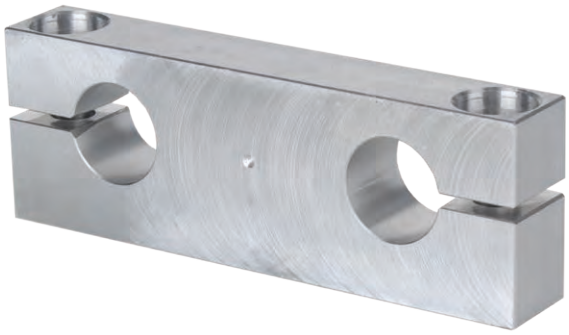
Art. No.	Type	Ød	A	B	Ød1	Ød2	E	H	h	M	N1	N2	SW	(kg)
128-0000	KWBC58-06	6	32	16	4,2	8	22	27	15	M5	11	13	2,5	0,03
128-0001	KWBC58-08	8	32	16	4,2	8	22	27	16	M5	11	13	2,5	0,03
128-0002	KWBC58-10	10	40	18	5,2	10	27	33	18	M6	13	16,5	3	0,05
128-0003	KWBC58-12	12	40	18	5,2	10	27	33	19	M6	13	16,5	3	0,05
128-0004	KWBC58-14	14	45	20	5,2	10	32	38	20	M6	13	18	3	0,07
128-0005	KWBC58-16	16	45	20	5,2	10	32	38	22	M6	13	18	3	0,07
128-0006	KWBC58-20	20	53	24	6,8	11	39	45	25	M8	18	21	4	0,1
128-0007	KWBC58-25	25	62	28	8,6	15	44	54	31	M10	22	25	5	0,16
128-0008	KWBC58-30	30	67	30	8,6	15	49	60	34	M10	22	29	5	0,2
128-0009	KWBC58-40	40	87	40	10,3	18	66	76	42	M12	26	37	6	0,45
128-0010	KWBC58-50	50	103	50	14,25	20	80	92	50	M16	34	44	8	0,8

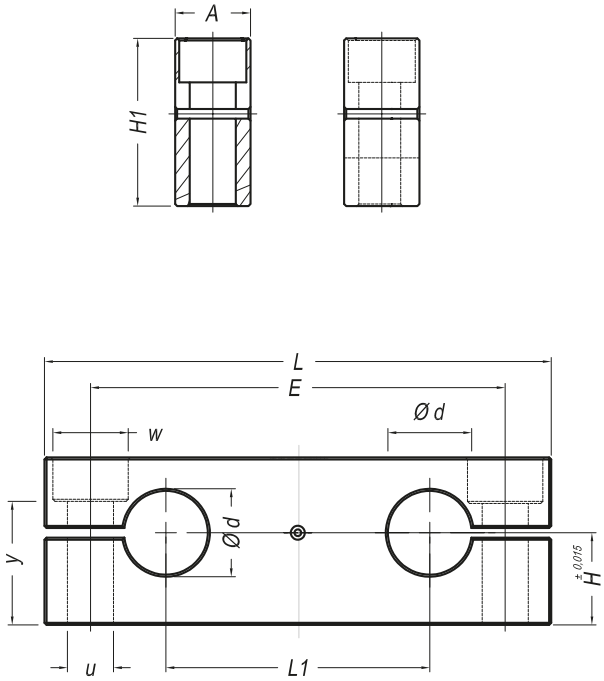
Notice:

- Suitable linear precision shafts see page 62

KTAC

Compact double shaft support block, screwable





Art. No.	Type	Ød	A	E	H	H1	L	L1	u	W	y	(kg)
126-0240	KTAC-12	12	15	64	17	30	80	40	6,6	11	21,5	0,1
126-0241	KTAC-16	16	15	80	19,5	35	96	52	6,6	11	26,5	0,15
126-0242	KTAC-20	20	18	97	22	40	115	63	9	15	29	0,2
126-0243	KTAC-25	25	20	115	27	50	136	75	11	18	36,5	0,25
126-0244	KTAC-30	30	20	125	31	56	146	80	11	18	42,5	0,35
126-0245	KTAC-40	40	25	160	38	70	184	97	13,5	20	54	0,65
126-0246	KTAC-50	50	30	180	43	80	210	107	17,5	26	59	0,85

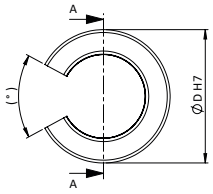
Notice:

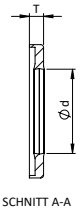
- Suitable linear precision shafts see page 62

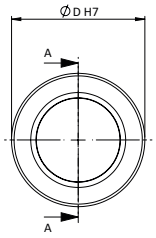
KNECHT
GEWÄCHSHAUS-EINRICHTUNGEN
LINEAR-ELEMENTE

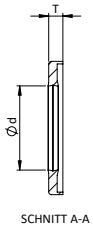
Linear bearings

Front seal





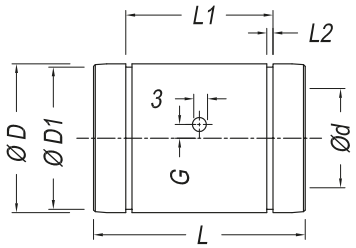


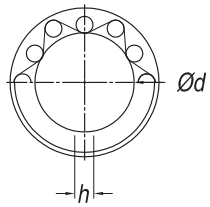


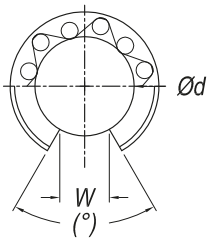
Art. No.	Type	Ød	ØD	T	(°)	(kg)
198-0317	VD12	12	22	3,0		0,0020
198-0318	VD16	16	26	3,0		0,0030
198-0319	VD20	20	32	4,0		0,0040
198-0320	VD25	25	40	4,0		0,0070
198-0321	VD30	30	47	5,0		0,0130
198-0322	VD40	40	62	5,0		0,0190
198-0323	VD50	50	75	5,0		0,0300
198-0324	VD12-OP	12	22	3,0	66	0,0020
198-0325	VD16-OP	16	26	3,0	68	0,0020
198-0326	VD20-OP	20	32	4,0	55	0,0040
198-0327	VD25-OP	25	40	4,0	57	0,0060
198-0328	VD30-OP	30	47	5,0	57	0,0100
198-0329	VD40-OP	40	62	5,0	56	0,0170
198-0330	VD50-OP	50	75	5,0	56	0,0280

LME

Standard linear bearing, closed and open







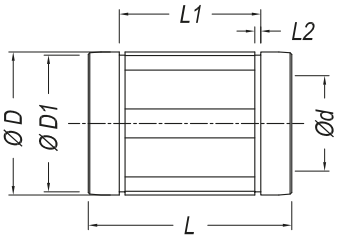
Art. No.	Type	Ød	ØD	ØD1	G	h	L	L1	L2	W	(°)	Load ratings N		(kg)
												dyn.	stat.	
196-0033 (0042)	LME-08-UU	8	16	15,2	–	1	25	16,5	1,1	–	–	270	410	0,020
196-0034 (0043)	LME-12-(OP) UU	12	22	21	0,0	1,5	32	22,9	1,3	7,5	78	520	800	0,040
196-0035 (0044)	LME-16-(OP) UU	16	26	24,9	0,0	1,5	36	24,9	1,3	10	78	590	910	0,060
196-0036 (0032)	LME-20-(OP) UU	20	32	30,3	0,0	2	45	31,5	1,6	10	60	880	1400	0,090
196-0005 (0045)	LME-25-(OP) UU	25	40	37,5	1,5	2	58	44,1	1,85	12,5	60	1000	1600	0,210
196-0037 (0046)	LME-30-(OP) UU	30	47	44,5	2	2	68	52,1	1,85	12,5	50	1600	2800	0,320
196-0038 (0047)	LME-40-(OP) UU	40	62	59	1,5	3	80	60,6	2,15	16,8	50	2200	4100	0,700
196-0039 (0048)	LME-50-(OP) UU	50	75	72	2,5	3	100	77,6	2,65	21	50	3900	8100	1,130
196-0040 (0049)	LME-60-(OP) UU	60	90	86,5	0,0	3	125	101,7	3,15	27,2	54	4800	10200	2,050
196-0050 (0041)	LME-80-(OP) UU	80	120	116	0,0	3	165	133,7	4,15	36,3	54	7500	16300	4,380

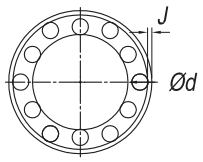
Notice:

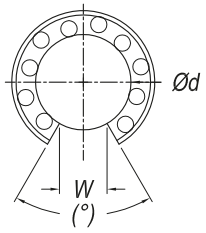
- Open: Use the axial-radial fixing screw to mount the bearing
- Closed: Use circlips acc. DIN 471 to mount the bearing

SBE

Super linear bearing, closed and open, with self-alignment







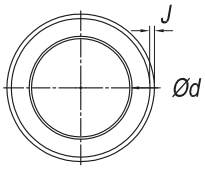
Art. No.	Type	Ød	ØD	ØD1	G	J	L	L1	L2	W	(°)	Load ratings N		(kg)
												dyn.	stat.	
196-0061 (0068)	SBE(O)-16-UU	16	26	24,9	–	1	36	24,6	1,3	9	68	1255	1299	0,028
196-0062 (0069)	SBE(O)-20-UU	20	32	30,5	–	1	45	31,2	1,6	9	55	2230	2237	0,061
196-0063 (0070)	SBE(O)-25-UU	25	40	38,5	1,5	1,5	58	43,7	1,85	11,5	57	3838	3844	0,122
196-0064 (0071)	SBE(O)-30-UU	30	47	44,5	2	2,2	68	51,7	1,85	14	57	4456	4651	0,185
196-0065 (0072)	SBE(O)-40-UU	40	62	58,5	1,5	2,7	80	60,3	2,15	19,5	56	8058	7671	0,36
196-0066 (0073)	SBE(O)-50-UU	50	75	71,5	2,5	2,3	100	77,3	2,65	22,5	54	11567	11051	0,58

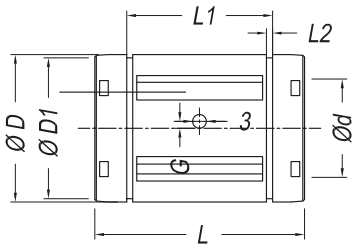
Notice:

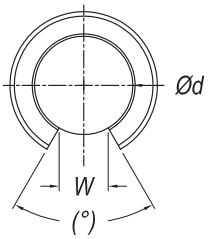
- open: The bearing is mounted in the housing using an axial radial fixing screw
- closed: The bearing is mounted in the housing using circlips according to DIN 471.

TK

Linear bearing, closed and open, with self-alignment







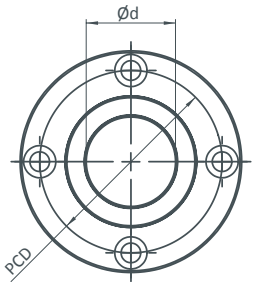
Art. No.	Type	Ød	ØD	ØD1	G	J	L	L1	L2	W	(°)	Load ratings N		(kg)
												dyn.	stat.	
196-0080	TK-08 UU	8	16	15,2	–	–	25	–	–	1,1	–	423	534	0,0070
196-0081	TK-10 UU	10	19	18	–	–	29	22	1,3	1,3	–	750	935	0,0140
196-0082 (0089)	TK-12-(OP) UU	12	22	21	–	0,7	32	22,9	1,3	1,3	66	1020	1290	0,0210
196-0083 (0090)	TK-16-(OP) UU	16	26	24,9	–	1	36	24,9	1,3	1,3	68	1250	1550	0,0430
196-0084 (0091)	TK-20-(OP) UU	20	32	30,3	–	1	45	31,5	1,6	1,6	55	2090	2630	0,0580
196-0085 (0092)	TK-25-(OP) UU	25	40	37,5	1,5	1,5	58	44,1	1,85	1,85	57	3780	4720	0,1230
196-0086 (0093)	TK-30-(OP) UU	30	47	44,5	2	1,7	68	52,1	1,85	1,85	57	5470	6810	0,2160
196-0087 (0094)	TK-40-(OP) UU	40	62	59	1,5	2,4	80	60,6	2,15	2,15	56	6590	8230	0,3330
196-0088 (0095)	TK-50-(OP) UU	50	75	72	2,5	2,7	100	–	–	2,65	54	10800	13500	0,6180

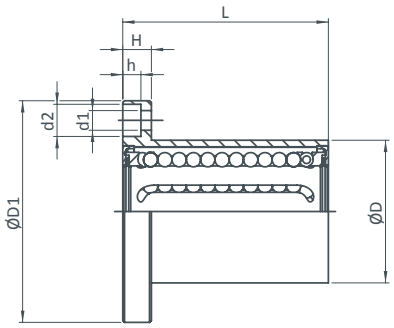
Notice:

- open: The bearing is mounted in the housing using an axial radial fixing screw
- closed: The bearing is mounted in the housing using circlips according to DIN 471.

LMEF

Linear bearing, round flange, standard





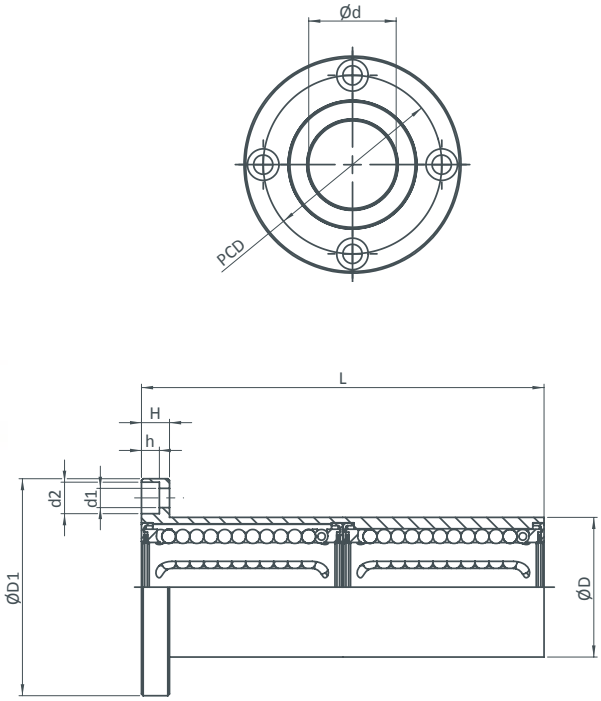
Art. No.	Type	Ød	ØD	ØD1	L ±0,3	H	PCD	d1xd2xh	Load ratings N		(kg)
									dyn.	stat.	
196-0169	LMEF-12-UU	12	22	42	32	6	32	4,5x7,5x4,1	510	784	0.08
196-0170	LMEF-16-UU	16	26	46	36	6	36	4,5x7,5x4,1	578	892	0.11
196-0171	LMEF-20-UU	20	32	54	45	8	43	5,5x9x5,1	862	1,370	0.19
196-0172	LMEF-25-UU	25	40	62	58	8	51	5,5x9x5,1	980	1,570	0.34
196-0173	LMEF-30-UU	30	47	76	68	10	62	6,6x11x6,1	1,570	2,740	0.56
196-0174	LMEF-40-UU	40	62	98	80	13	80	9x14x8,1	2,160	4,020	1.18
196-0175	LMEF-50-UU	50	75	112	100	13	94	9x14x8,1	3,820	7,940	1.75

Notice:

- Load ratings are based on use of hardened and grinded precision linear shafts (min 670 HV)and ground shaft raceways

LMEF..L

Linear bearing, round flange, double wide



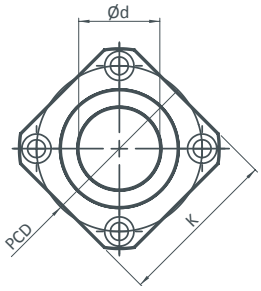
Art. No.	Type	Ød	ØD	ØD1	L ±0,3	H	PCD	d1xd2xh	Load ratings N		(kg)
									dyn.	stat.	
196-0155	LMEF-12-L-UU	12	22	42	61	6	32	4,5x7,5x4,1	813	1,570	0.11
196-0156	LMEF-16-L-UU	16	26	46	68	6	36	4,5x7,5x4,1	921	1,780	0.16
196-0157	LMEF-20-L-UU	20	32	54	80	8	43	5,5x9x5,1	1,370	2,740	0.26
196-0158	LMEF-25-L-UU	25	40	62	112	8	51	5,5x9x5,1	1,570	3,140	0.54
196-0159	LMEF-30-L-UU	30	47	76	123	10	62	6,6x11x6,1	2,500	5,490	0.82
196-0160	LMEF-40-L-UU	40	62	98	151	13	80	9x14x8,1	3,430	8,040	1.81
196-0161	LMEF-50-L-UU	50	75	112	192	13	94	9x14x8,1	6,080	15,900	2.82

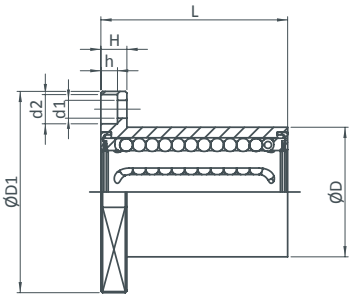
Notice:

- Load ratings are based on use of hardened and grinded precision linear shafts (min 670 HV)and ground shaft raceways

LMEK

Linear bearing, square flange, standard





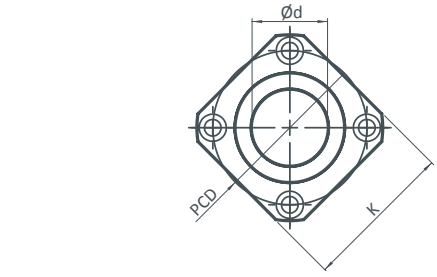
Art. No.	Type	Ød	ØD	K	L ±0,3	H	ØD1	PCD	d1xd2xh	Load ratings N		(kg)
										dyn.	stat.	
196-0162	LMEK-12-UU	12	22	32	32	6	42	32	4,5x7,5x4,1	510	784	0.08
196-0163	LMEK-16-UU	16	26	35	36	6	46	36	4,5x7,5x4,1	578	892	0.11
196-0164	LMEK-20-UU	20	32	42	45	8	54	43	5,5x9x5,1	862	1,370	0.19
196-0165	LMEK-25-UU	25	40	50	58	8	62	51	5,5x9x5,1	980	1,570	0.34
196-0166	LMEK-30-UU	30	47	60	68	10	76	62	6,6x11x6,1	1,570	2,740	0.56
196-0167	LMEK-40-UU	40	62	75	80	13	98	80	9x14x8,1	2,160	4,020	1.18
196-0168	LMEK-50-UU	50	75	88	100	13	112	94	9x14x8,1	3,820	7,940	1.75

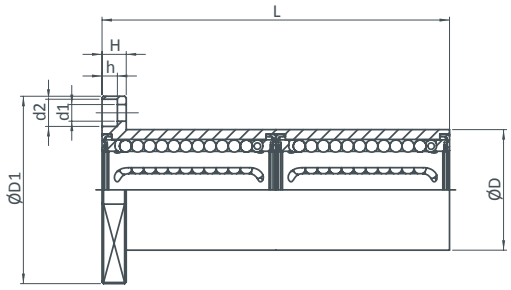
Notice:

- Load ratings are based on use of hardened and grinded precision linear shafts (min 670 HV)and ground shaft raceways

LMEK..L

Linear bearing, square flange, double wide





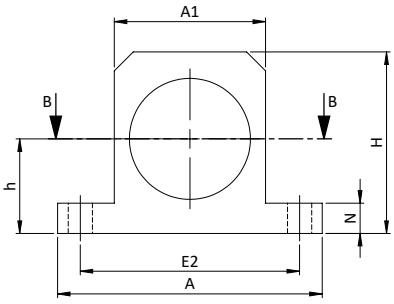
Art. No.	Type	Ød	ØD	K	L ±0,3	H	ØD1	PCD	d1xd2xh	Load ratings N		(kg)
										dyn.	stat.	
196-0129	LMEK-12-L-UU	12	22	32	61	6	42	32	4,5x7,5x4,1	813	1,570	0.11
196-0138	LMEK-16-L-UU	16	26	35	68	6	46	36	4,5x7,5x4,1	921	1,780	0.16
196-0139	LMEK-20-L-UU	20	32	42	80	8	54	43	5,5x9x5,1	1,370	2,740	0.26
196-0151	LMEK-25-L-UU	25	40	50	112	8	62	51	5,5x9x5,1	1,570	3,140	0.54
196-0152	LMEK-30-L-UU	30	47	60	123	10	76	62	6,6x11x6,1	2,500	5,490	0.82
196-0153	LMEK-40-L-UU	40	62	75	151	13	98	80	9x14x8,1	3,430	8,040	1.81
196-0154	LMEK-50-L-UU	50	75	88	192	13	112	94	9x14x8,1	6,080	15,900	2.82

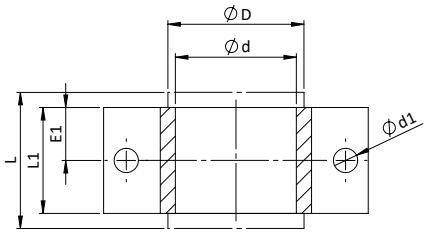
Notice:

- Load ratings are based on use of hardened and grinded precision linear shafts (min 670 HV)and ground shaft raceways

KALGS

Shaft support block, closed





SCHNITT B-B

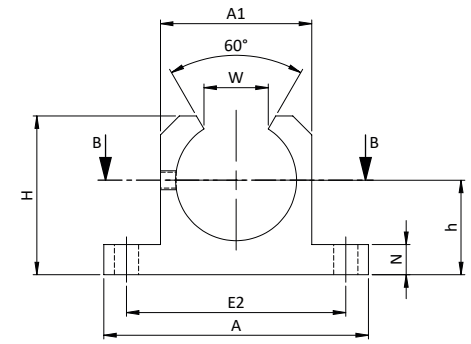
Art. No.	Type	Ød	ØD	A	A1	Ød1	E1	E2	H	h	L	L1	(kg)	N
112-0001	KALGS-12	12	22	52	30	5,3	10	42	35	18	32	20	0,04	6
112-0002	KALGS-16	16	26	56	34	5,3	11	46	40,5	22	36	22	0,06	7
112-0003	KALGS-20	20	32	70	40	6,4	14	58	48	25	45	28	0,1	8
112-0004	KALGS-25	25	40	80	50	6,4	20	68	58	30	58	40	0,2	10
112-0005	KALGS-30	30	47	88	58	6,4	24	76	67	35	68	48	0,31	10
112-0006	KALGS-40	40	62	108	74	8,4	28	94	85	45	80	56	0,54	12
112-0007	KALGS-50	50	75	135	96	10,5	36	116	100	50	100	72	1,05	12

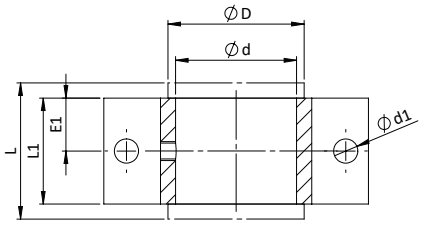
Notice:

- The bearing is mounted in the housing using circlips according to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing

KALGSO

Shaft support block, open, fixing with flat screw





SCHNITT B-B

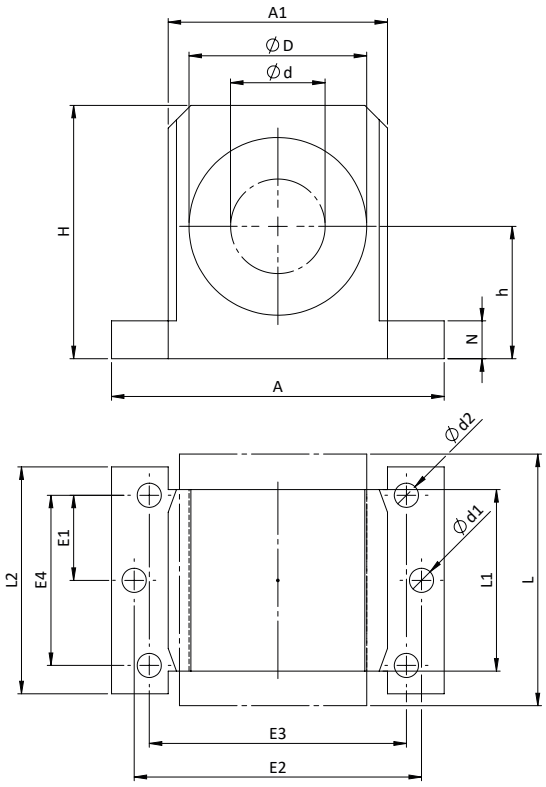
Art. No.	Type	Ød	ØD	A	A1	Ød1	E1	E2	H	h	L	L1	N4	W	(°)	(kg)	N
112-0020	KALGSO-12	12	22	52	30	5,3	10	42	28	18	32	20	16,65	7	60	0,03	6
112-0021	KALGSO-16	16	26	56	34	5,3	11	46	33,5	22	36	22	22	9,4	60	0,04	7
112-0022	KALGSO-20	20	32	70	40	6,4	14	58	42	25	45	28	25	10	60	0,08	8
112-0023	KALGSO-25	25	40	80	50	6,4	20	68	51	30	58	40	31,5	12,5	60	0,16	10
112-0024	KALGSO-30	30	47	88	58	6,4	24	76	60	35	68	48	33	12,5	60	0,25	10
112-0025	KALGSO-40	40	62	108	74	8,4	28	94	77	45	80	56	43,5	16,8	60	0,45	12
112-0026	KALGSO-50	50	75	135	96	10,5	36	116	93	50	100	72	47,5	21	60	0,89	12

Notice:

- The bearing is mounted in the housing using circlips according to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing

KALGSL

Shaft support block, closed, long flange



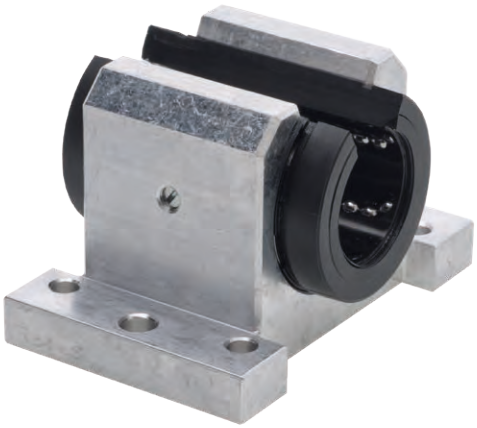
Art. No.	Type	Ød	ØD	h	H	A	A1	E1	E2	E3	E4	L	L1	L2	Ød1	Ød²	(kg)	N
112-0008	KALGSL-12	12	22	18	35	52	30	10	42	32	23	32	20	32	5,3	4,3	0,05	6
112-0009	KALGSL-16	16	26	22	40,5	56	34	11	46	40	26	36	22	35	5,3	4,3	0,08	7
112-0010	KALGSL-20	20	32	25	48	70	40	14	58	45	32	45	28	42	6,4	4,3	0,13	8
112-0011	KALGSL-25	25	40	30	58	80	50	20	68	60	40	58	40	54	6,4	5,3	0,22	10
112-0012	KALGSL-30	30	47	35	67	88	58	24	76	68	45	68	48	60	6,4	6,4	0,35	10
112-0013	KALGSL-40	40	62	45	85	108	74	28	94	86	58	80	56	78	8,4	8,4	0,65	12
112-0014	KALGSL-50	50	75	50	100	135	96	36	116	108	50	100	72	70	10,5	8,4	1,15	12

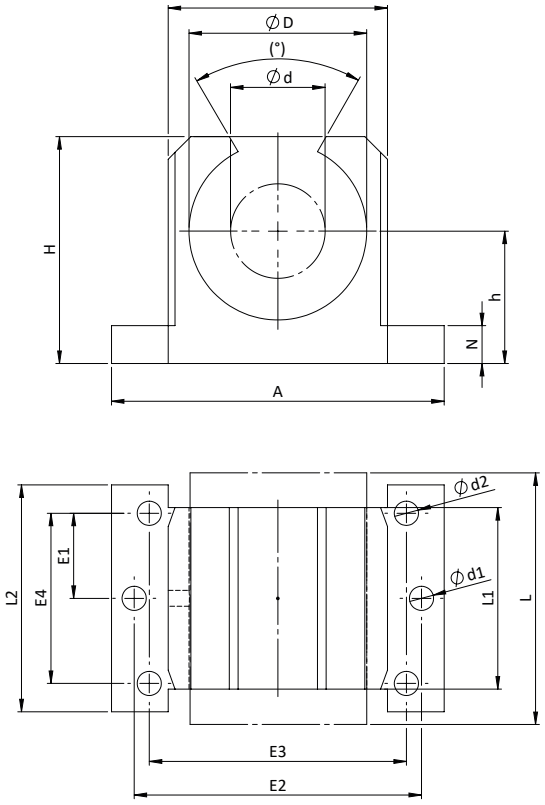
Notice:

- The bearing is mounted in the housing using circlips according to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing

KALGSOL

Shaft support block, open, long flange, fixing with flat screw





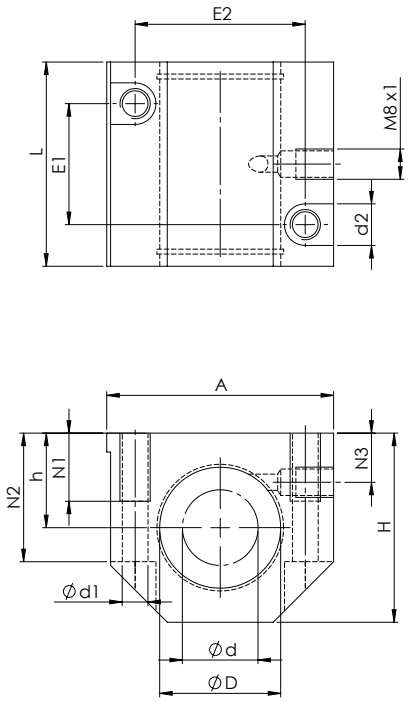
Art. No.	Type	Ød	ØD	h	H	A	A1	E1	E2	E3	E4	L	L1	L2	Ød1	Ød²	(kg)	N
112-0027	KALGSOL-12	12	22	18	35	52	30	10	42	32	23	32	20	32	5,3	4,3	0,04	6
112-0028	KALGSOL-16	16	26	22	40,5	56	34	11	46	40	26	36	22	35	5,3	4,3	0,06	7
112-0029	KALGSOL-20	20	32	25	48	70	40	14	58	45	32	45	28	42	6,4	4,3	0,1	8
112-0030	KALGSOL-25	25	40	30	58	80	50	20	68	60	40	58	40	54	6,4	5,3	0,18	10
112-0031	KALGSOL-30	30	47	35	67	88	58	24	76	68	45	68	48	60	6,4	6,4	0,28	10
112-0032	KALGSOL-40	40	62	45	85	108	74	28	94	86	58	80	56	78	8,4	8,4	0,55	12
112-0033	KALGSOL-50	50	75	50	100	135	96	36	116	108	50	100	72	70	10,5	8,4	1	12

Notice:

- The bearing is mounted in the housing using an axial radial fixing screw
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing

KG35

Single, closed



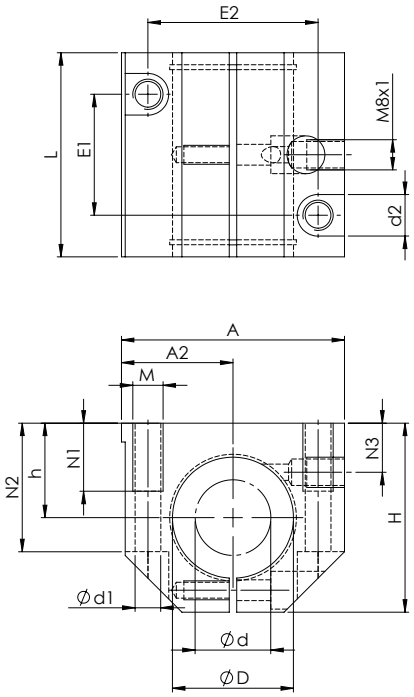
Art. No.	Type	Ød	ØD	A	Ød1	d2	E1	E2	H	h	L	M	N1	N2	N3	(kg)
114-0000	KG35-08	8	16	35	3,3	6	20	25	28	13	32	M4	10	19,5	8	0,06
114-0001	KG35-12	12	22	43	4,2	8	23	32	35	18	39	M5	13	25	10	0,1
114-0002	KG35-16	16	26	53	5,2	10	26	40	42	22	43	M6	13	30	12	0,17
114-0003	KG35-20	20	32	60	6,8	11	32	45	50	25	54	M8	18	34	13	0,27
114-0004	KG35-25	25	40	78	8,6	15	40	60	60	30	67	M10	22	40	15	0,55
114-0005	KG35-30	30	47	87	8,6	15	45	68	70	35	79	M10	22	48	16	0,82
114-0006	KG35-40	40	62	108	10,3	18	58	86	90	45	91	M12	26	60	20	1,45
114-0007	KG35-50	50	75	132	14,25	20	50	108	105	50	113	M16	34	49	20	2,35
114-0008	KG35-60	60	90	178	17,5	26	90	130	138	69	142	M20	40	100	–	7,1
114-0009	KG35-80	80	120	232	22	33	110	170	186	93	185	M24	48	136	–	16,7

Notice:

- The bearing is mounted in the housing using circlips to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1

KGE36

Single, closed, adjustable



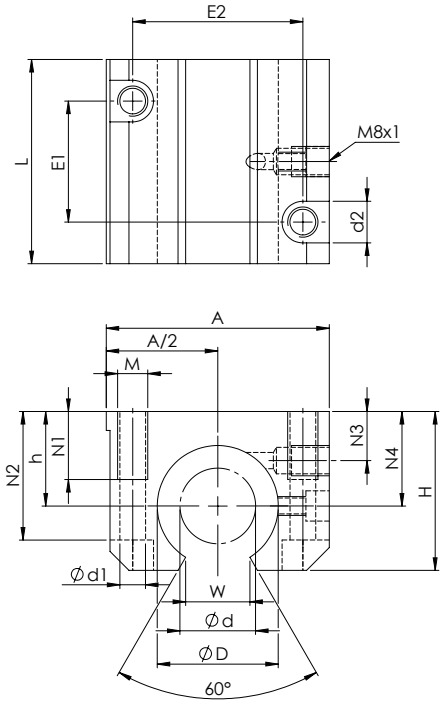
Art. No.	Type	Ød	ØD	A	Ød1	d2	E1	E2	H	h	L	M	N1	N2	N3	(kg)
114-0010	KGE36-08	8	16	35	3,3	6	20	25	28	13	32	M4	10	19,5	8	0,05
114-0011	KGE36-12	12	22	43	4,2	8	23	32	35	18	39	M5	11	25	10	0,09
114-0012	KGE36-16	16	26	53	5,2	10	26	40	42	22	43	M6	13	30	12	0,16
114-0013	KGE36-20	20	32	60	6,8	11	32	45	50	25	54	M8	18	34	13	0,26
114-0014	KGE36-25	25	40	78	8,6	15	40	60	60	30	67	M10	22	40	15	0,54
114-0015	KGE36-30	30	47	87	8,6	15	45	68	70	35	79	M10	22	48	16	0,8
114-0016	KGE36-40	40	62	108	10,3	18	58	86	90	45	91	M12	26	60	20	1,43
114-0017	KGE36-50	50	75	132	14,25	20	50	108	105	50	113	M16	34	49	20	2,3
114-0018	KGE36-60	60	90	178	17,5	26	90	130	138	69	142	M20	40	100	–	7
114-0019	KGE36-80	80	120	232	22	33	110	170	186	93	185	M24	48	136	–	16,2

Notice:

- The bearing is mounted in the housing using circlips to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1

KGO37

Single, open



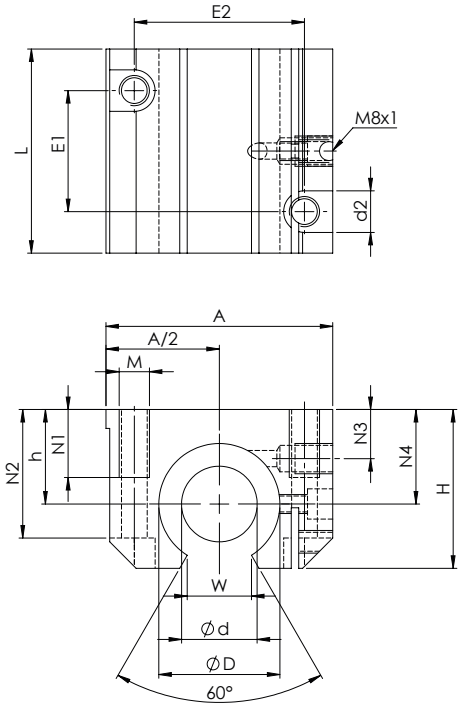
Art. No.	Type	Ød	ØD	A	Ød1	d2	E1	E2	H	h	L	M	N1	N2	N3	N4	W	(kg)
114-0020	KGO37-12	12	22	43	4,2	8	23	32	28	18	39	M5	11	23,5	8	16,65	7	0,08
114-0021	KGO37-16	16	26	53	5,2	10	26	40	35	22	43	M6	13	30	12	22	9,4	0,14
114-0022	KGO37-20	20	32	60	6,8	11	32	45	42	25	54	M8	18	34	13	25	10,2	0,22
114-0023	KGO37-25	25	40	78	8,6	15	40	60	51	30	67	M10	22	40	15	31,5	12,5	0,45
114-0024	KGO37-30	30	47	87	8,6	15	45	68	60	35	79	M10	22	48	16	33	13,9	0,68
114-0025	KGO37-40	40	62	108	10,3	18	58	86	77	45	91	M12	26	60	20	43,5	18	1,2
114-0026	KGO37-50	50	75	132	14,25	20	50	108	88	50	113	M16	34	49	20	47,5	33	1,9
114-0027	KGO37-60	60	90	178	17,5	26	90	130	118	69	142	M20	40	100	–	–	43	6,1
114-0028	KGO37-80	80	120	232	22	33	110	170	158	93	185	M24	48	136	–	–	61	13,55

Notice:

- "The bearing is mounted in the housing using an axial radial fixing screw
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1"

KGOE38

Single, open, adjustable



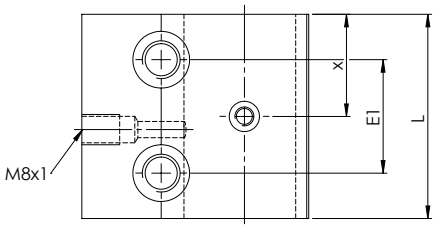
Art. No.	Type	Ød	ØD	A	Ød1	d2	E1	E2	H	h	L	M	N1	N2	N3	N4	W	(kg)
114-0030	KGOE38-12	12	22	43	4,2	8	23	32	28	18	39	M5	11	23,5	8	16,65	7	0,08
114-0031	KGOE38-16	16	26	53	5,2	10	26	40	35	22	43	M6	13	30	12	22	9,4	0,14
114-0032	KGOE38-20	20	32	60	6,8	11	32	45	42	25	54	M8	18	34	13	25	10,2	0,21
114-0033	KGOE38-25	25	40	78	8,6	15	40	60	51	30	67	M10	22	40	15	31,5	12,5	0,44
114-0034	KGOE38-30	30	47	87	8,6	15	45	68	60	35	79	M10	22	48	16	33	13,9	0,67
114-0035	KGOE38-40	40	62	108	10,3	18	58	86	77	45	91	M12	26	60	20	43,5	18	1,2
114-0036	KGOE38-50	50	75	132	14,25	20	50	108	88	50	113	M16	34	49	20	47,5	33	1,9
114-0037	KGOE38-60	60	90	69	17,5	26	90	130	178	118	142	M20	40	100	–	–	43	6
114-0038	KGOE38-80	80	120	93	22	33	110	170	232	158	185	M24	48	136	–	–	61	12,9

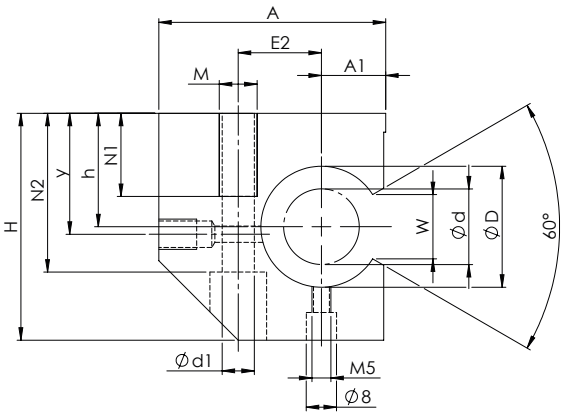
Notice:

- "The bearing is mounted in the housing using an axial radial fixing screw
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1"

KGS71

Open sided





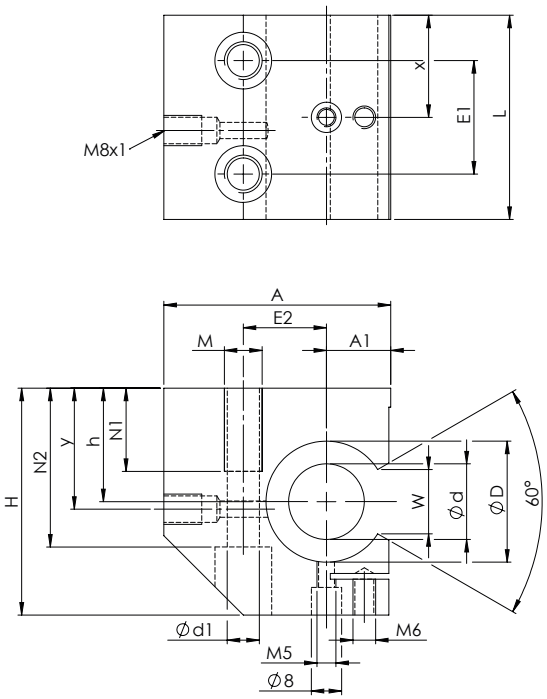
Art. No.	Type	Ød	ØD	A	A1	Ød1	E1	E2	H	h	L	M	N1	N2	W	x	y	(kg)
114-0040	KGS71-20	20	32	60	17	8,6	30	22	60	30	54	M10	22	42	10,2	23,5	32	0,34
114-0041	KGS71-25	25	40	75	21	10,3	36	28	72	35	67	M12	26	50	12,5	29	38	0,64
114-0042	KGS71-30	30	47	86	25	13,5	42	34	82	40	79	M16	34	55	13,9	34	44	0,98
114-0043	KGS71-40	40	62	110	32	17,5	48	43	100	45	91	M20	43	67	18	40	50	1,55
114-0044	KGS71-50	50	75	127	38	17,5	62	50	115	50	113	M20	30	78	22	56,5	56	2,55

Notice:

- "The bearing is mounted in the housing using an axial radial fixing screw
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1"

KGSE72

Open sided, adjustable



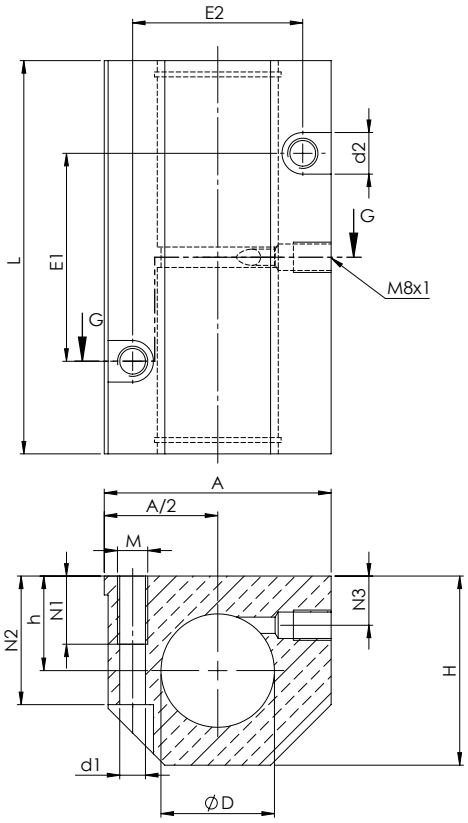
Art. No.	Type	Ød	ØD	A	A1	Ød1	E1	E2	H	h	L	M	N1	N2	W	x	y	(kg)
114-0050	KGSE72-20	20	32	60	17	8,6	30	22	60	30	54	M10	22	42	10,2	23,5	32	0,34
114-0051	KGSE72-25	25	40	75	21	10,3	36	28	72	35	67	M12	26	50	12,5	29	38	0,63
114-0052	KGSE72-30	30	47	86	25	13,5	42	34	82	40	79	M16	34	55	13,9	34	44	0,96
114-0053	KGSE72-40	40	62	110	32	17,5	48	43	100	45	91	M20	43	67	18	40	50	1,55
114-0054	KGSE72-50	50	75	127	38	17,5	62	50	115	50	113	M20	30	78	22	56,5	56	2,55

Notice:

- "The bearing is mounted in the housing using an axial radial fixing screw
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1"

KTG85

Tandem, closed



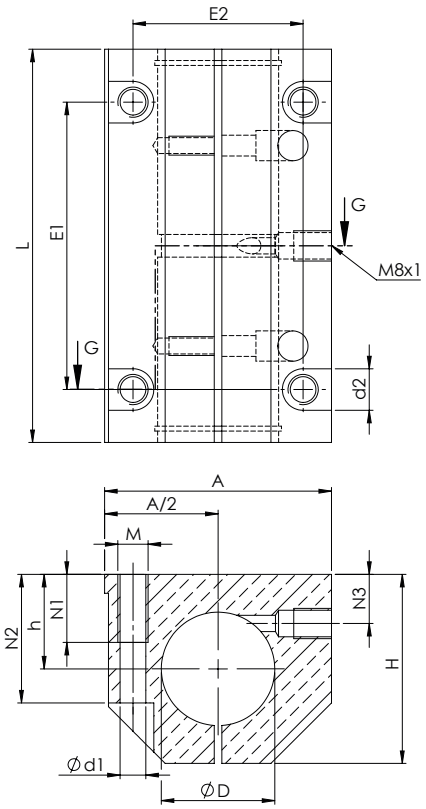
Art. No.	Type	Ød	ØD	A	Ød1	d2	E1	E2	H	h	L	M	N1	N2	N3	(kg)
116-0000	KTG85-08	8	16	35	4,2	8	35	25	28	13	62	M5	13	19,5	8	0,12
116-0001	KTG85-12	12	22	43	5,2	10	40	30	35	18	76	M6	13	25	10	0,21
116-0002	KTG85-16	16	26	53	5,2	10	45	36	42	22	84	M6	13	30	12	0,35
116-0003	KTG85-20	20	32	60	6,8	11	55	45	50	25	104	M8	8	34	13	0,52
116-0004	KTG85-25	25	40	78	8,6	15	70	54	60	30	130	M10	22	40	15	1,05
116-0005	KTG85-30	30	47	87	10,3	18	85	62	70	35	152	M12	26	48	16	1,6
116-0006	KTG85-40	40	62	108	14,25	20	100	80	90	45	176	M16	34	60	20	2,8
116-0007	KTG85-50	50	75	132	14,25	20	125	100	105	50	224	M16	34	49	20	4,7

Notice:

- The bearing is mounted in the housing using circlips to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1

KTGE32

Tandem, closed, adjustable



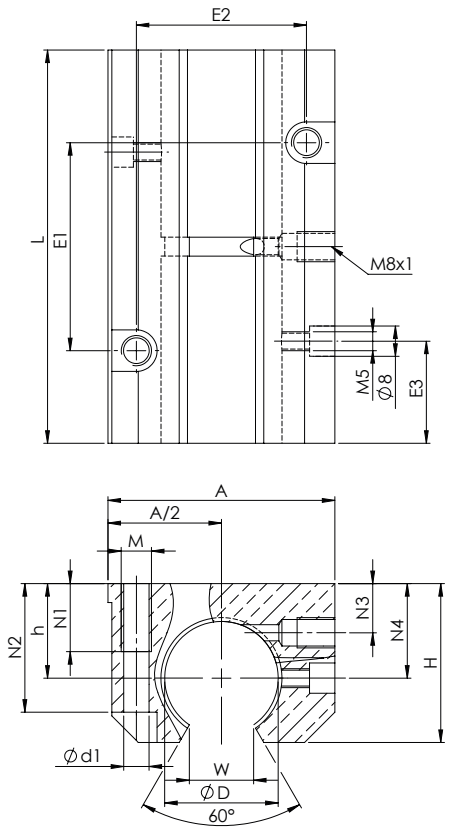
Art. No.	Type	Ød	ØD	A	Ød1	d2	E1	E2	H	h	L	M	N1	N2	N3	(kg)
116-0010	KTGE32-08	8	16	35	4,2	8	50	25	28	13	62	M5	11	19,5	8	0,12
116-0011	KTGE32-12	12	22	43	4,2	8	56	32	35	18	76	M5	11	25	10	0,2
116-0012	KTGE32-16	16	26	53	5,2	10	64	40	42	22	84	M6	13	30	12	0,34
116-0013	KTGE32-20	20	32	60	6,8	11	76	45	50	25	104	M8	18	34	13	0,51
116-0014	KTGE32-25	25	40	78	8,6	15	94	60	60	30	130	M10	22	40	15	1,05
116-0015	KTGE32-30	30	47	87	8,6	15	106	68	70	35	152	M10	22	48	16	1,6
116-0016	KTGE32-40	40	62	108	10,3	18	124	86	90	45	176	M12	26	60	20	2,8
116-0017	KTGE32-50	50	75	132	14,25	20	160	108	105	50	224	M16	34	49	20	4,6

Notice:

- The bearing is mounted in the housing using circlips to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1

KTGO87

Tandem, open



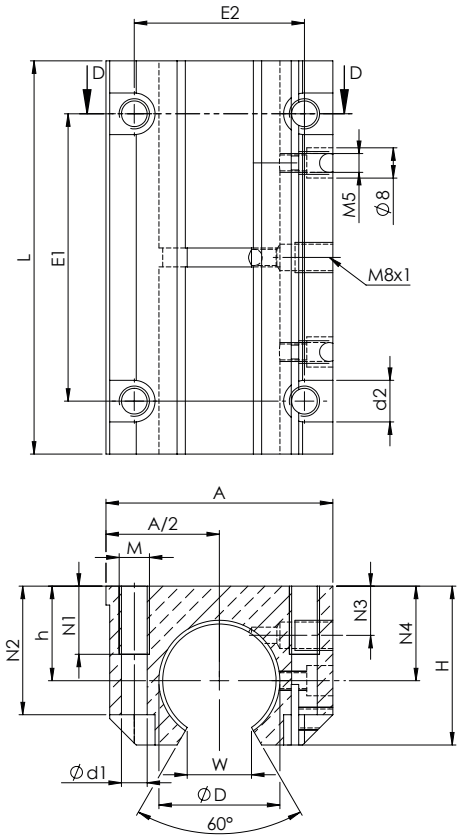
Art. No.	Type	Ød	ØD	A	Ød1	d2	E1	E2	E3	H	h	L	M	N1	N2	N3	N4	W	(kg)
116-0020	KTGO87-12	12	22	43	5,2	10	40	30	19,5	28	18	76	M6	13	23,5	10	16,65	7	0,17
116-0021	KTGO87-16	16	26	53	5,2	10	45	36	21,5	35	22	84	M6	13	30	12	22	9,4	0,28
116-0022	KTGO87-20	20	32	60	6,8	11	55	45	27	42	25	104	M8	18	34	13	25	10,2	0,44
116-0023	KTGO87-25	25	40	78	8,6	15	70	54	33,5	51	30	130	M10	22	40	15	31,5	12,9	0,9
116-0024	KTGO87-30	30	47	87	10,3	18	85	62	39,5	60	35	152	M12	26	48	16	33	14,4	1,3
116-0025	KTGO87-40	40	62	108	14,25	20	100	80	45	77	45	176	M16	34	60	20	43,5	18,2	2,3
116-0026	KTGO87-50	50	75	132	14,25	20	125	100	56,5	88	50	224	M16	34	49	20	47,5	33	3,85

Notice:

- "The bearing is mounted in the housing using an axial radial fixing screw
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1"

KTGOE34

Tandem, open, adjustable



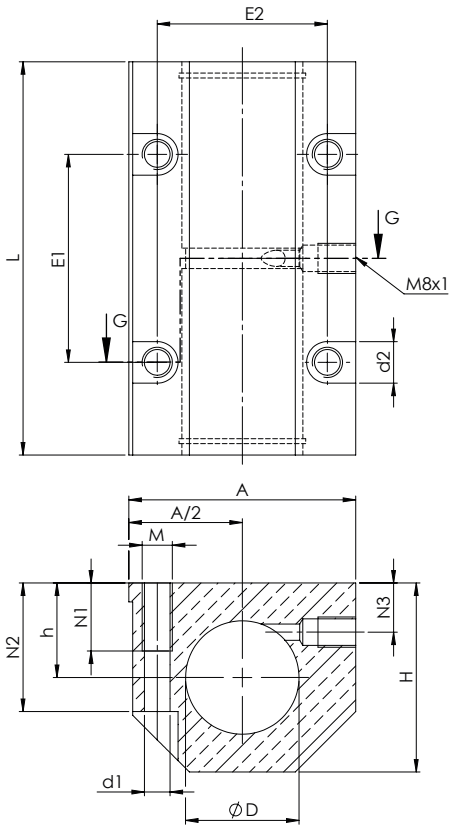
Art. No.	Type	Ød	ØD	A	Ød1	d2	E1	E2	E3	H	h	L	M	N1	N2	N4	W	(kg)
116-0030	KTGOE34-12	12	22	43	4,2	8	56	32	19,5	28	18	76	M5	11	23,5	16,65	7	0,17
116-0031	KTGOE34-16	16	26	53	5,2	10	64	40	21,5	35	22	84	M6	13	30	22	9,4	0,28
116-0032	KTGOE34-20	20	32	60	6,8	11	76	45	27	42	25	104	M8	18	34	25	10,2	0,44
116-0033	KTGOE34-25	25	40	78	8,6	15	94	60	33,5	51	30	130	M10	22	40	31,5	12,9	0,9
116-0034	KTGOE34-30	30	47	87	8,6	15	106	68	39,5	60	35	152	M10	22	48	33	14,4	1,3
116-0035	KTGOE34-40	40	62	108	10,3	18	124	86	45,5	77	45	176	M12	26	60	43,5	18,2	2,3
116-0036	KTGOE34-50	50	75	132	14,25	20	160	108	56,5	88	50	224	M16	34	49	47,5	33	3,8

Notice:

- "The bearing is mounted in the housing using an axial radial fixing screw
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1"

KTG85-I

Tandem, closed, 4 mounting bores



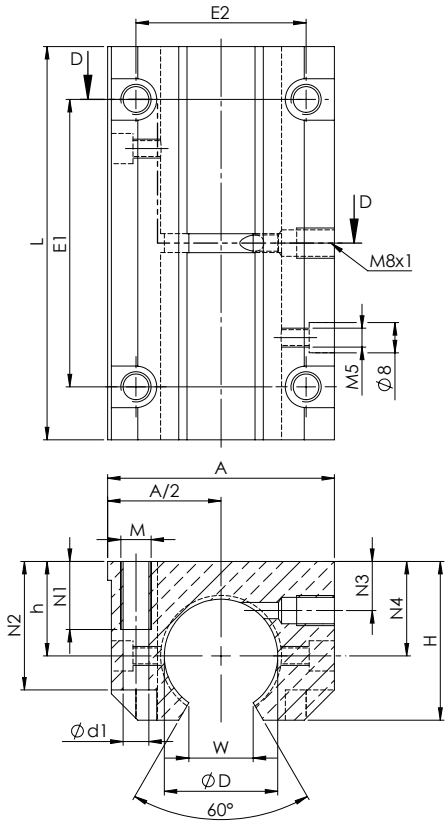
Art. No.	Type	Ød	ØD	A	Ød1	d2	E1	E2	H	h	L	M	N1	N2	(kg)
116-0040	KTG85-I-08	8	16	35	4,2	8	50	25	28	13	62	M5	11	14	0,12
116-0041	KTG85-I-12	12	22	43	4,2	8	56	32	35	18	76	M5	11	25	0,21
116-0042	KTG85-I-16	16	26	53	5,2	10	64	40	42	22	84	M6	13	30	0,34
116-0043	KTG85-I-20	20	32	60	6,8	11	76	45	50	25	104	M8	18	34	0,51
116-0044	KTG85-I-25	25	40	78	8,6	15	94	60	60	30	130	M10	22	40	1,05
116-0045	KTG85-I-30	30	47	87	8,6	15	106	68	70	35	152	M10	22	48	1,6
116-0046	KTG85-I-40	40	62	108	10,3	18	124	86	90	45	176	M12	26	60	2,8
116-0047	KTG85-I-50	50	75	132	14,25	20	160	108	105	50	224	M16	34	49	2,8

Notice:

- The bearing is mounted in the housing using circlips to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1

KTGO87-I

Tandem, open, 4 mounting bores



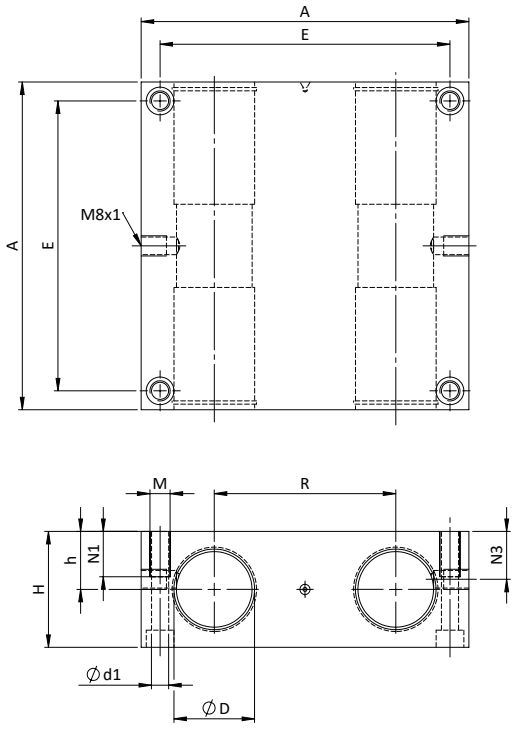
Art. No.	Type	Ød	ØD	A	Ød1	d2	E1	E2	E3	H	h	L	M	N1	N2	N3	N4	W	(kg)
116-0050	KTGO87-I-12	12	22	43	4,2	8	56	32	19,5	30	18	76	M5	11	25	10	16,65	7	0,16
116-0051	KTGO87-I-16	16	26	53	5,2	10	64	40	21,5	35	22	84	M6	13	30	12	22	9,4	0,28
116-0052	KTGO87-I-20	20	32	60	6,8	11	76	45	27	42	25	104	M8	18	34	13	25	10,2	0,42
116-0053	KTGO87-I-25	25	40	78	8,6	15	94	60	33,5	51	30	130	M10	22	40	15	31,5	12,9	0,86
116-0054	KTGO87-I-30	30	47	87	8,6	15	106	68	39,5	60	35	152	M10	22	48	16	33	14,4	1,3
116-0055	KTGO87-I-40	40	62	108	10,3	18	124	86	45,5	77	45	176	M12	34	60	20	43,5	18,2	2,3
116-0056	KTGO87-I-50	50	75	132	14,25	20	160	108	56,5	88	50	224	M16	34	49	20	47,5	33	3,8

Notice:

- "The bearing is mounted in the housing using an axial radial fixing screw
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1"

KQSG

Quattro, closed, specials on request



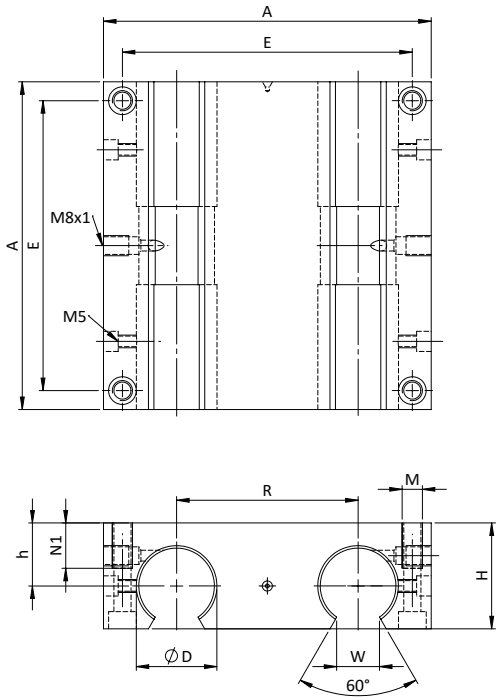
Art. No.	Type	Ød	ØD	A	Ød1	E	H	h	M	N1	N3	R	(kg)
118-0000	KQSG-08	8	16	65	4,3	55	23	11,5	M5	11	8	32	0,18
118-0008	KQSG-10	10	19	70	4,3	60	25	12,5	M5	13	10	34	0,21
118-0001	KQSG-12	12	22	85	5,3	73	32	16	M6	13	13	42	0,44
118-0002	KQSG-16	16	26	100	5,3	88	36	18	M6	13	15	54	0,68
118-0003	KQSG-20	20	32	130	6,8	115	46	23	M8	18	19	72	1,5
118-0004	KQSG-25	25	40	160	9	140	56	28	M10	22	24	88	2,7
118-0005	KQSG-30	30	47	180	10,5	158	64	32	M12	26	27	96	3,8
118-0006	KQSG-40	40	62	230	13,5	202	80	40	M16	34	35	122	7,35
118-0007	KQSG-50	50	75	280	13,5	250	96	48	M16	34	40	152	13,2

Notice:

- The bearing is mounted in the housing using circlips to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1

KQSO

Quattro, open, specials on request



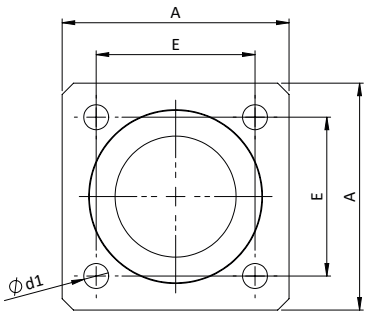
Art. No.	Type	Ød	ØD	A	Ød1	E	H	h	M	N1	N3	R	W	(kg)
118-0010	KQSO-12	12	22	85	5,3	73	30	18	M6	13	10	42	7	0,39
118-0011	KQSO-16	16	26	100	5,3	88	35	22	M6	13	12	54	9,4	0,63
118-0012	KQSO-20	20	32	130	6,8	115	42	25	M8	18	13	72	10,2	1,3
118-0013	KQSO-25	25	40	160	9	140	51	30	M10	22	15	88	12,9	2,3
118-0014	KQSO-30	30	47	180	10,5	158	60	35	M12	26	16	96	13,9	3,4
118-0015	KQSO-40	40	62	230	13,5	202	77	45	M16	34	20	122	18,2	6,85
118-0016	KQSO-50	50	75	280	13,5	250	93	55	M16	34	40	152	22	12,55

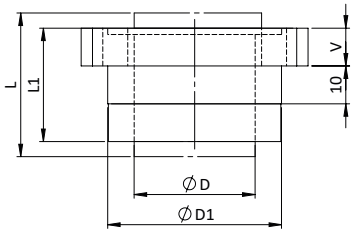
Notice:

- "The bearing is mounted in the housing using an axial radial fixing screw
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1"

KFG81

Flange housing, single





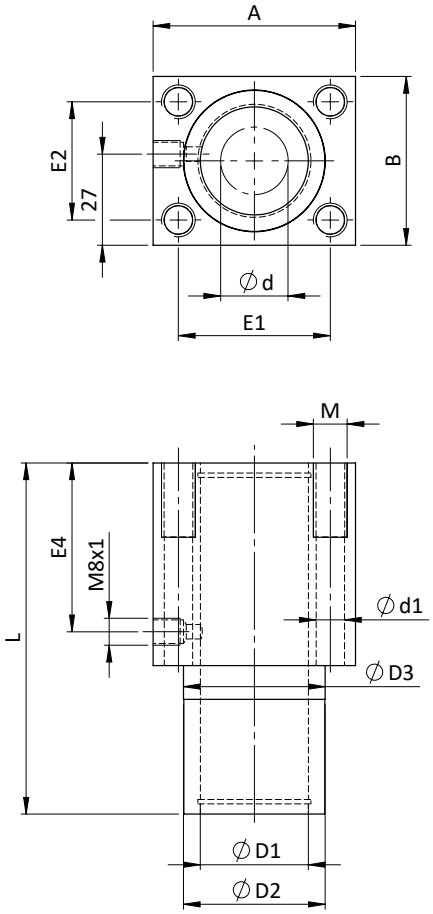
Art. No.	Type	Ød	ØD	A	Ød1	ØD1	E	L	L1	V	(kg)
120-0000	KFG81-12	12	22	40	5,5	32	30	32	22	6	0,04
120-0001	KFG81-16	16	26	50	5,5	38	35	36	24	8	0,06
120-0002	KFG81-20	20	32	60	6,6	46	42	45	30	10	0,12
120-0003	KFG81-25	25	40	70	6,6	58	54	58	42	12	0,22
120-0004	KFG81-30	30	47	80	9	66	60	68	50	14	0,33
120-0005	KFG81-40	40	62	100	11	90	78	80	59	16	0,67
120-0006	KFG81-50-GG	50	75	130	11	100	98	100	75	18	2,9

Notice:

- The bearing is mounted in the housing using circlips according to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing

KTFG83

Flange housing, tandem



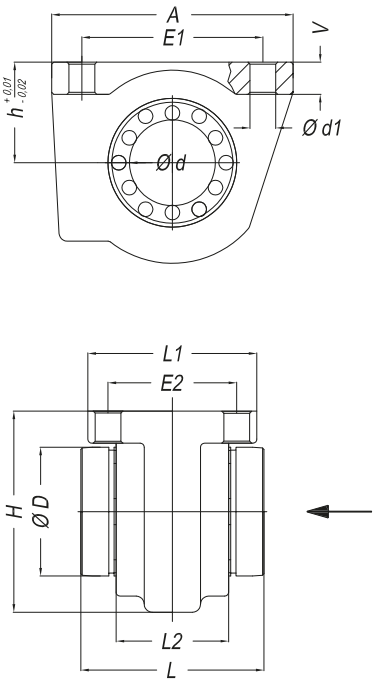
Art. No.	Type	Ød	A	B	Ød1	ØD1	ØD2	D3	E1	E2	E3	E4	L	L1	M	N1	V	(kg)
120-0007	KTFG83-12	12	42	34	5,3	22	30	30	32	24	19	36	76	46	M6	13	10	0,15
120-0008	KTFG83-16	16	50	40	6,6	26	35	35	38	28	22	40	84	50	M8	18	10	0,21
120-0009	KTFG83-20	20	60	50	8,4	32	42	42	45	35	27	50	104	60	M10	22	10	0,38
120-0010	KTFG83-25	25	74	60	10,5	40	52	52	56	42	32	63	130	73	M12	26	10	0,68
120-0011	KTFG83-30	30	84	70	13,5	47	61	61	64	50	37	74	152	82	M16	34	10	0,97

Notice:

- The bearing is mounted in the housing using circlips to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing
- Lubrication hole M8 x 1

KGG65

Cast iron housing, closed



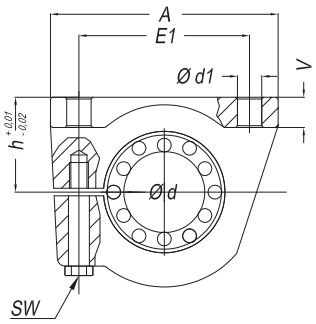
Art. No.	Type	Ød	ØD	A	Ød1	E1	E2	H	h	L	L1	L2	V	(kg)
122-0001	KGG65-16	16	26	50	4,3	40 +/– 0,15	26 +/– 0,15	42	22	36	35	22	6,5	0,19
122-0002	KGG65-20	20	32	60	4,3	45 +/– 0,15	32 +/– 0,15	50	25	45	42	28	8	0,31
122-0003	KGG65-25	25	40	74	5,3	60 +/– 0,15	40 +/– 0,15	60	30	58	54	40	9	0,61
122-0004	KGG65-30	30	47	84	6,4	68 +/– 0,20	45 +/– 0,20	70	35	68	60	48	10	0,94
122-0005	KGG65-40	40	62	108	8,4	86 +/– 0,20	58 +/– 0,20	90	45	80	78	56	12	1,75
122-0006	KGG65-50	50	75	130	8,4	108 +/– 0,20	50 +/– 0,20	105	50	100	70	72	14	2,6

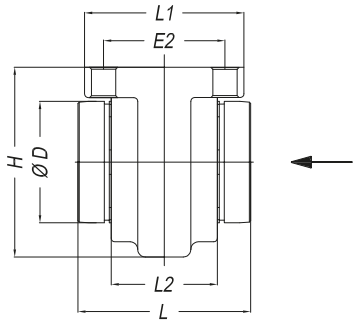
Notice:

- The bearing is mounted in the housing using circlips according to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing

KGGE66

Cast iron housing, closed, adjustable





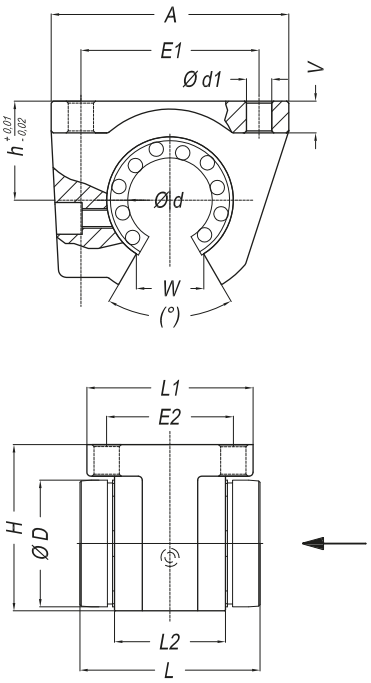
Art. No.	Type	Ød	ØD	A	Ød1	E1	E2	H	h	L	L1	L2	V	(kg)
122-0021	KGGE66-16	16	26	50	4,3	40 +/– 0,15	26 +/– 0,15	42	22	36	35	22	6,5	0,19
122-0022	KGGE66-20	20	32	60	4,3	45 +/– 0,15	32 +/– 0,15	50	25	45	42	28	8	0,31
122-0023	KGGE66-25	25	40	74	5,3	60 +/– 0,15	40 +/– 0,15	60	30	58	54	40	9	0,61
122-0024	KGGE66-30	30	47	84	6,4	68 +/– 0,20	45 +/– 0,20	70	35	68	60	48	10	0,94
122-0025	KGGE66-40	40	62	108	8,4	86 +/– 0,20	58 +/– 0,20	90	45	80	78	56	12	1,75
122-0026	KGGE66-50	50	75	130	8,4	108 +/– 0,20	50 +/– 0,20	105	50	100	70	72	14	2,6

Notice:

- The bearing is mounted in the housing using circlips according to DIN 471
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing

KGGO67

Cast iron housing, open



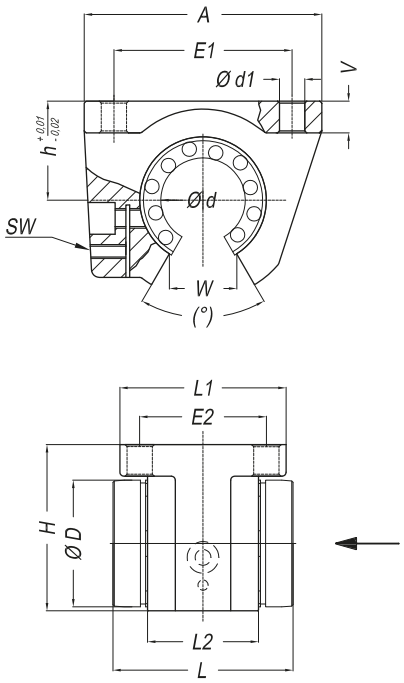
Art. No.	Type	Ød	A	Ød1	E1	E2	H	h	L	L1	L2	V	W	(°)	(kg)
122-0011	KGGO67-16	16	50	4,3	40 +/– 0,15	26 +/– 0,15	35	22	36	35	22	6,5	9,4	60	0,17
122-0012	KGGO67-20	20	60	4,3	45 +/– 0,15	32 +/– 0,15	42	25	45	42	28	8	10,2	60	0,28
122-0013	KGGO67-25	25	74	5,3	60 +/– 0,15	40 +/– 0,15	51	30	58	54	40	9	12,5	60	0,54
122-0014	KGGO67-30	30	84	6,4	68 +/– 0,20	45 +/– 0,20	60	35	68	60	48	10	13,9	60	0,83
122-0015	KGGO67-40	40	108	8,4	86 +/– 0,20	58 +/– 0,20	77	45	80	78	56	12	18,2	60	1,6
122-0016	KGGO67-50	50	130	8,4	108 +/– 0,20	50 +/– 0,20	88	50	100	70	72	14	21	60	2,3

Notice:

- The bearing is mounted in the housing using an axial radial fixing screw
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing

KGGOE68

Cast iron housing, open, adjustable



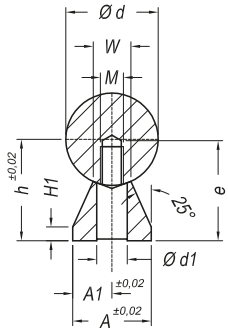
Art. No.	Type	Ød	A	Ød1	E1	E2	H	h	L	L1	L2	SW	V	W	(°)	(kg)
122-0031	KGGOE68-16	16	50	4,3	40 +/– 0,15	26 +/– 0,15	35	22	36	35	22	2,5	6,5	9,4	60	0,17
122-0032	KGGOE68-20	20	60	4,3	45 +/– 0,15	32 +/– 0,15	42	25	45	42	28	2,5	8	10,2	60	0,28
122-0033	KGGOE68-25	25	74	5,3	60 +/– 0,15	40 +/– 0,15	51	30	58	54	40	3	9	12,5	60	0,54
122-0034	KGGOE68-30	30	84	6,4	68 +/– 0,20	45 +/– 0,20	60	35	68	60	48	3	10	13,9	60	0,83
122-0035	KGGOE68-40	40	108	8,4	86 +/– 0,20	58 +/– 0,20	77	45	80	78	56	4	12	18,2	60	1,6
122-0036	KGGOE68-50	50	130	8,4	108 +/– 0,20	50 +/– 0,20	88	50	100	70	72	5	14	21	60	2,3

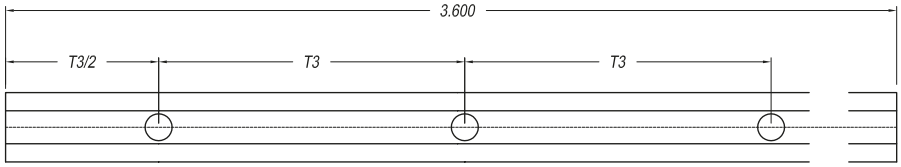
Notice:

- The bearing is mounted in the housing using an axial radial fixing screw
- Fixing screws DIN EN ISO 4762 - 8.8. Spring washer
- Weight indication without linear ball bearing

KWU16

Low type, alu. alloy, max L = 5500 mm





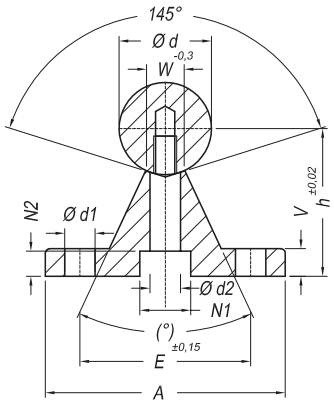
Art. No.	Type	Ød	A	A1	Ød1	e	H1	h	M	T3	W	(kg)
124-0020	KWU16-12	12	11	5,5	4,5	15,5	3	14,5	M4	75	5,4	0,13
124-0021	KWU16-16	16	14	7	5,5	16	3	18	M5	75	7	0,19
124-0022	KWU16-20	20	17	8,5	6,6	20	3	22	M6	75	8,1	0,27
124-0023	KWU16-25	25	21	10,5	9	25	3	26	M8	75	10,3	0,38
124-0024	KWU16-30	30	23	11,5	11	30	3	30	M10	100	11	0,45
124-0025	KWU16-40	40	30	15	13,5	38	4	39	M12	100	15	0,75
124-0026	KWU16-50	50	35	17,5	15,5	45	5	46	M14	100	19	0,95

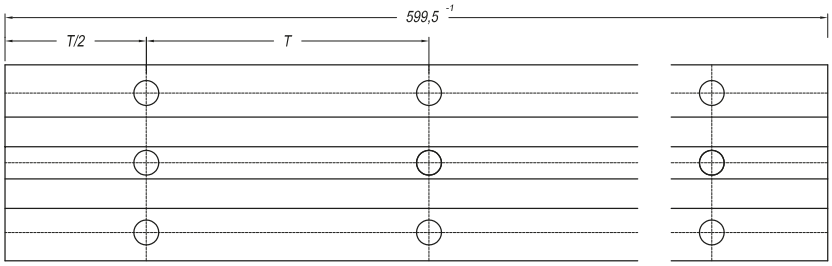
Notice:

- Shaft mounted on support acc. to length or drawing
- Suitable linear precision shafts see page 62

KWU50

Standard, alu. alloy, max L = 600 mm





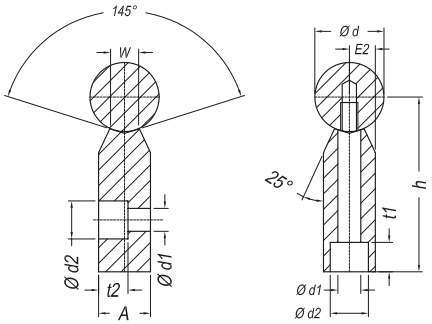
Art. No.	Type	Ød	A	Ød1	Ød2	E	h	N1	N2	T1	T2	V	W	(°)	(kg)
124-0030	KWU50-12	12	40	4,5	4,5	29	22	8	5	75	120	5	5,8	50	0,45
124-0031	KWU50-16	16	45	5,5	5,5	33	26	9,5	6	100	150	5	7	50	0,55
124-0032	KWU50-20	20	52	6,6	6,6	37	32	11	6,5	100	150	6	8,3	50	0,8
124-0033	KWU50-25	25	57	6,6	9	42	36	14	8,5	120	200	6	10,8	50	0,9
124-0034	KWU50-30	30	69	9	11	51	42	17	10,5	150	200	7	11	50	1,15
124-0035	KWU50-40	40	73	9	11	55	50	17	10,5	200	300	8	15	50	1,6
124-0036	KWU50-50	50	84	11	13	63	60	19	12,5	200	300	9	19	46	2,1
124-0039	KWU50-60	60	94	11	13	72	68	19	12,5	300	–	10	25	46	2,4
124-0037	KWU50-80	80	116	13,5	17,5	92	86	19	12,5	300	–	12	34	46	4,95

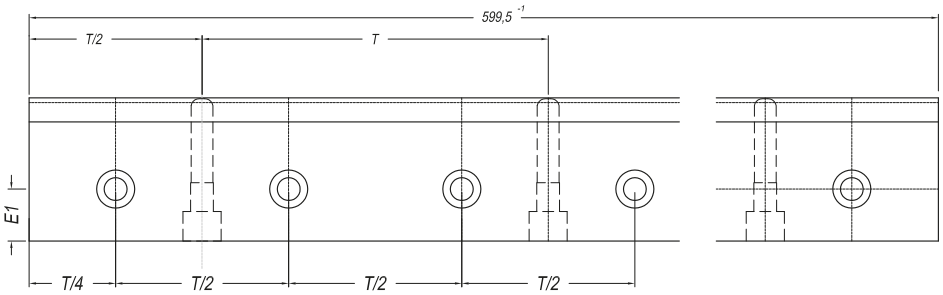
Notice:

- The supports listed above are available as mounting rails
- Shaft mounted on support, available according to length specification
- Suitable precision steel shafts on page 62

FKWU54-2

Flat type, alu. alloy, max. L = 600 mm, single row drilled





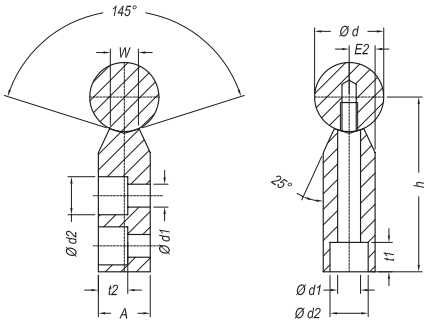
Art. No.	Type	Ød	A	Ød1	Ød2	E1	E2	h	T	t1	t2	W	(kg)
124-0000	FKWU54-220	20	15	6,6	11	15	7,5	52	100	8,5	8,5	8,3	0,9
124-0001	FKWU54-225	25	20	9	15	18	10	62	120	15	11	10,8	1,4
124-0002	FKWU54-230	30	25	11	18	21	12,5	72	150	15,3	13,5	11	1,95
124-0003	FKWU54-240	40	30	14	20	25	15	88	200	19	16	15	2,9
124-0004	FKWU54-250	50	35	15,5	24	30	17,5	105	200	21,5	18,5	19	3,9

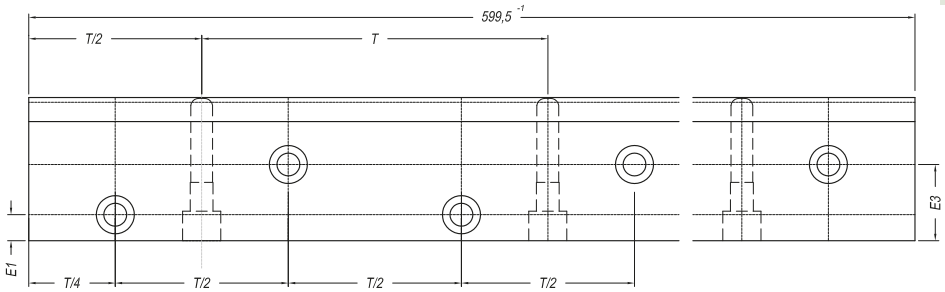
Notice:

- The supports listed above are available as mounting rails
- Shaft mounted on support, available according to length specification
- Suitable precision steel shafts on page 62

FKWU54-1

Flat type, alu. alloy, max. L = 600 mm, double row drilled





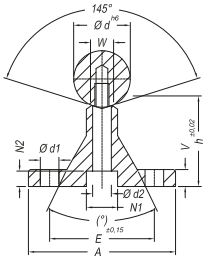
Art. No.	Type	Ød	A	Ød1	Ød2	E1	E2	E3	h	T	t1	t2	W	(kg)
124-0005	FKWU54-120	20	15	6,6	11	8	7,5	22	52	75	8,5	8,5	8,3	0,85
124-0006	FKWU54-125	25	20	9	15	10	10	26	62	75	14	11	10	1,35
124-0007	FKWU54-130	30	25	11	18	12	12,5	30	72	100	15,3	13,5	11	1,85
124-0008	FKWU54-140	40	30	14	20	12	15	38	88	100	19	16	15	2,65
124-0009	FKWU54-150	50	35	15,5	24	15	17,5	45	105	100	21,5	18,5	19	3,55

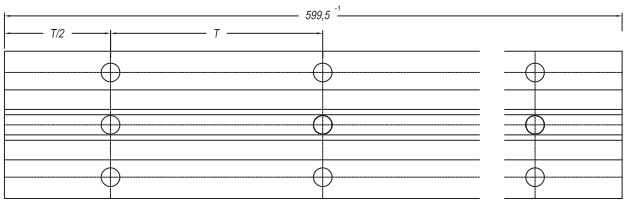
Notice:

- The supports listed above are available as mounting rails
- Shaft mounted on support, available according to length specification
- Suitable precision steel shafts on page 62

KWS50

High type, alu. alloy, max. L = 600 mm

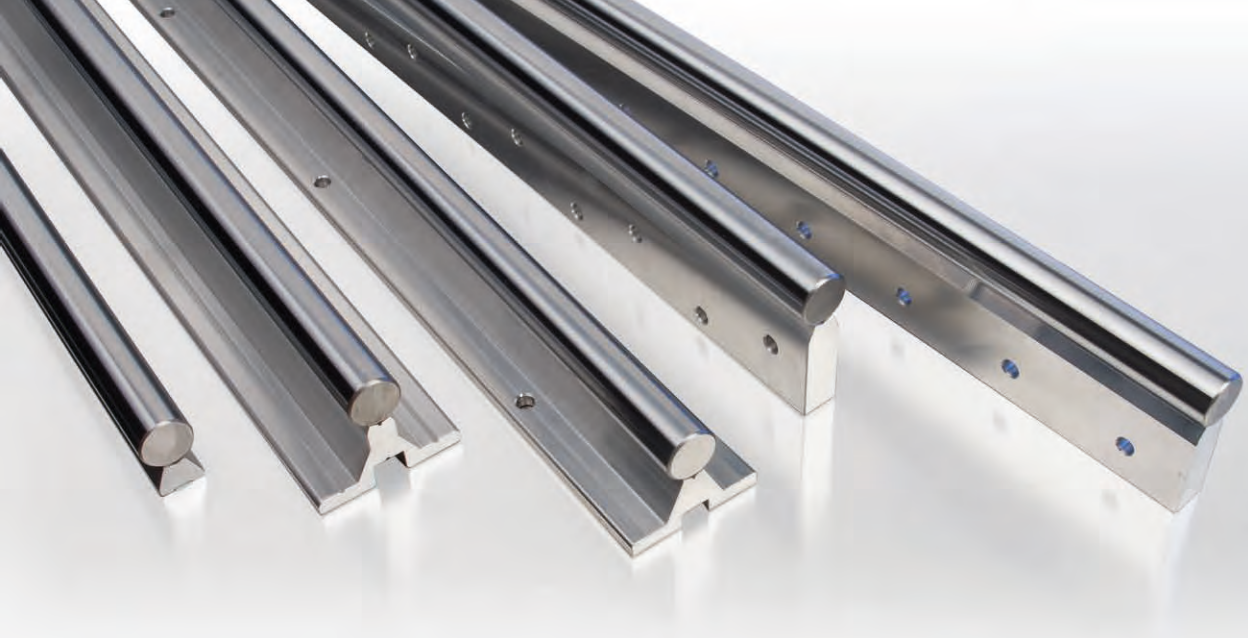




Art. No.	Type	Ød	A	Ød1	Ød2	E	h	N1	N2	T1	T2	V	W	(°)	(kg)
124-0040	KWS50-20	20	56	6,6	6,6	37	38	12	9,5	100	150	6	11	60	0,85
124-0041	KWS50-25	25	60	6,6	9	42	42	15	11,5	120	200	6	14	60	1
124-0042	KWS50-30	30	74	9	11	51	53	17	11,5	150	200	8	14	60	1,6
124-0043	KWS50-40	40	78	9	11	55	60	19	13	200	300	8	18	60	1,85

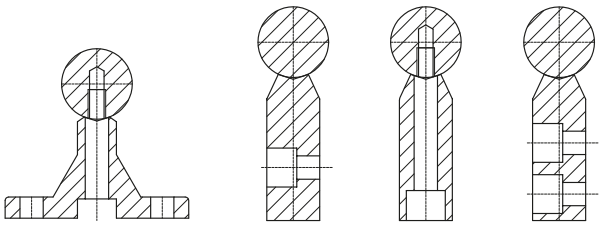
Notice:

- The supports listed above are available as mounting rails
- Shaft mounted on support, available according to length specification
- Suitable precision steel shafts on page 62



Shaft support overview

Shafts are available in several types of material, completely mounted



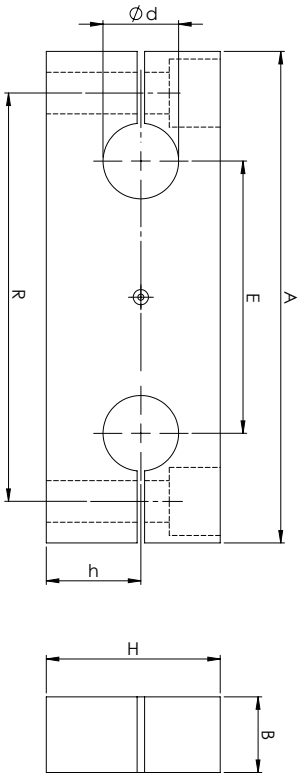
Type of support	FKWU 54 - 2	FKWU 54 - 1	KWU 50	KWU 16	KWS 50
Shafts Ø					
12	–	–	M4 x 20 DIN 6912	M4 x 20 DIN 6912	
16	–	–	M5 x 20 DIN 6912	M5 x 20 DIN 6912	
20	M6 x 45 DIN 6912	M6 x 45 DIN 6912	M6 x 25 DIN 6912	M6 x 25 DIN 6912	M6 x 30 DIN 912
25	M8 x 50 DIN 6912	M8 x 50 DIN 6912	M8 x 30 DIN 6912	M8 x 30 DIN 6912	M8 x 35 DIN 912
30	M10 x 60 DIN 6912	M10 x 60 DIN 6912	M10 x 35 DIN 6912	M10 x 35 DIN 6912	M10 x 45 DIN 6912
40	M12 x 70 DIN 912	M12 x 70 DIN 912	M10 x 40 DIN 6912	M12 x 40 DIN 6912	M10 x 50 DIN 6912
50	M14 x 80 DIN 912	M14 x 80 DIN 912	M12 x 45 DIN 6912	M14 x 45 DIN 6912	–

Notice:

- The shaft and support are delivered completely mounted
- For dimensions see corresponding drawings in this catalogue
- Length is free to choose, when exceeding max length the shaft support unit will be machined (m/f) to joint.
- Joint must always be supported. Positions of the first drill is T/2. We advise to engineer T1 = T2

KTA

Double shaft support block, fixed, alu. alloy



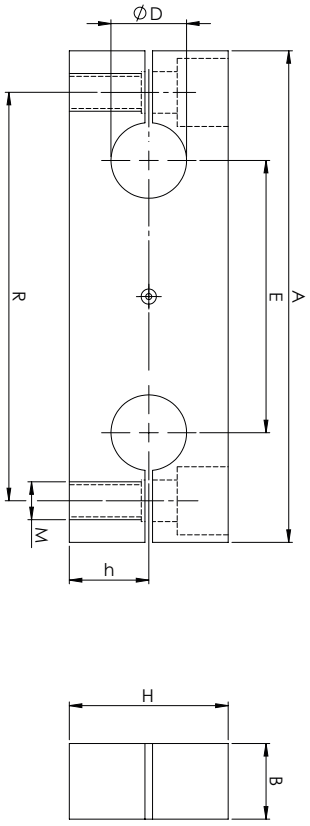
Art. No.	Type	Ød	A	B	Ød1	E	H	h	R	(kg)
126-0000	KTA-08	8	65	12	5,5	32	23	12,5	52	0,04
126-0008	KTA-10	10	70	12	5,5	34	25	14	55	0,05
126-0001	KTA-12	12	85	14	6,6	42	32	18	70	0,09
126-0002	KTA-16	16	100	18	9	54	36	20	82	0,14
126-0003	KTA-20	20	130	20	11	72	46	25	108	0,26
126-0004	KTA-25	25	160	25	13,5	88	56	30	132	0,47
126-0005	KTA-30	30	180	25	13,5	96	64	35	150	0,63
126-0006	KTA-40	40	230	30	17,5	122	80	44	190	1,1
126-0007	KTA-50	50	280	30	17,5	152	96	52	240	1,65

Notice:

- Dimension of shaft intake „R“ is equal to quattro housing KQSG and KQSO
- Suitable linear precision shafts see page 62

KTB

Double shaft support block, movable, alu. alloy



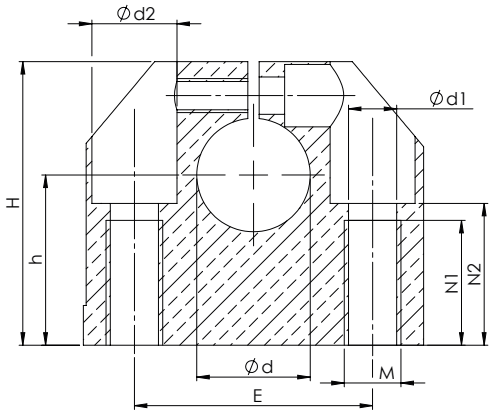
Art. No.	Type	Ød	A	B	E	H	h	M	R	(kg)
126-0020	KTB-08	8	65	12	32	22	11	M5	52	0,04
126-0028	KTB-10	10	70	12	34	21	10,5	M5	55	0,05
126-0021	KTB-12	12	85	14	42	28	14	M6	70	0,07
126-0022	KTB-16	16	100	18	54	32	16	M8	82	0,12
126-0023	KTB-20	20	130	20	72	42	21	M10	108	0,22
126-0024	KTB-25	25	160	25	88	52	26	M12	132	0,43
126-0025	KTB-30	30	180	25	96	58	29	M12	150	0,57
126-0026	KTB-40	40	230	30	122	72	36	M16	190	0,98
126-0027	KTB-50	50	280	30	152	88	44	M16	240	1,5

Notice:

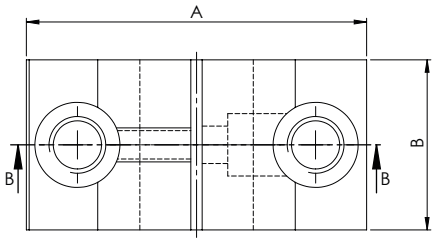
- Dimension of shaft intake „R“ is equal to quattro housing KQSG and KQSO
- Suitable linear precision shafts see page 62

KWB57

Shaft support, alu. alloy



SCHNITT B-B



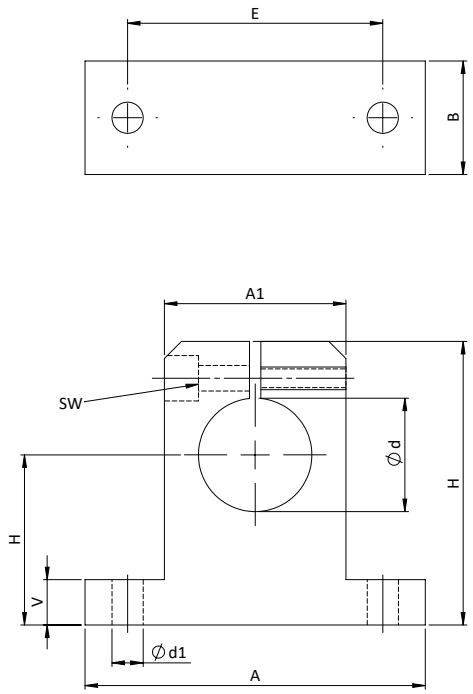
Art. No.	Type	Ød	A	B	Ød1	Ød2	E	H	h	M	N1	N2	SW	(kg)
128-0020	KWB57-08	8	32	18	3,3	6	22	28	15	M4	9	13	3	0,03
128-0021	KWB57-12	12	43	20	5,2	10	30	35	20	M6	13	16,5	3	0,06
128-0022	KWB57-16	16	53	24	6,8	11	38	42	25	M8	18	21	4	0,11
128-0023	KWB57-20	20	60	30	8,6	15	42	50	30	M10	22	25	5	0,17
128-0024	KWB57-25	25	78	38	10,3	18	56	61	35	M12	26	30	6	0,36
128-0025	KWB57-30	30	87	40	10,3	18	64	70	40	M12	26	34	6	0,46
128-0026	KWB57-40	40	108	48	14,25	20	82	90	50	M16	34	44	8	0,86
128-0027	KWB57-50	50	132	58	17,5	26	100	105	60	M20	43	49	10	1,45
128-0028	KWB57-60	60	164	74	22	33	124	130	75	M27	43	59	10	2,8

Notice:

- Suitable linear precision shafts see page 62

KWB55

Shaft support, alu. alloy



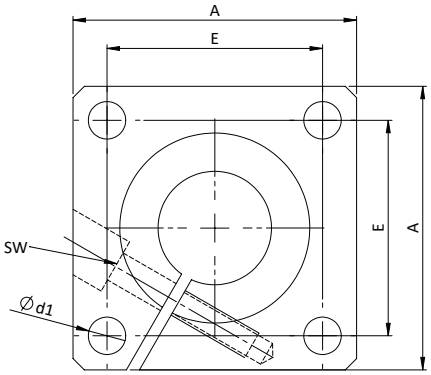
Art. No.	Type	Ød	A	A1	B	Ød1	E	H	h	SW	V	(kg)
128-0040	KWB55-08	8	32	16	10	4,5	25	27	15	2,5	5	0,01
128-0041	KWB55-12	12	42	20	12	5,5	32	35	20	3	5,5	0,02
128-0042	KWB55-16	16	50	26	16	5,5	40	42	25	3	6,5	0,05
128-0043	KWB55-20	20	60	32	20	5,5	45	50	30	3	8	0,08
128-0044	KWB55-25	25	74	38	25	6,6	60	58	35	4	9	0,14
128-0045	KWB55-30	30	84	45	28	9	68	68	40	5	10	0,2
128-0046	KWB55-40	40	108	56	32	11	86	86	50	6	12	0,36
128-0047	KWB55-50	50	130	80	40	11	108	100	60	6	14	0,73
128-0048	KWB55-60	60	160	100	48	13,5	132	124	75	8	15	1,3
128-0049	KWB55-80	80	200	130	60	17,5	170	160	100	10	22	2,75

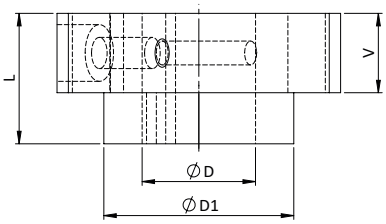
Notice:

- Suitable linear precision shafts see page 62

KFWB56

Flanged shaft support, alu. alloy





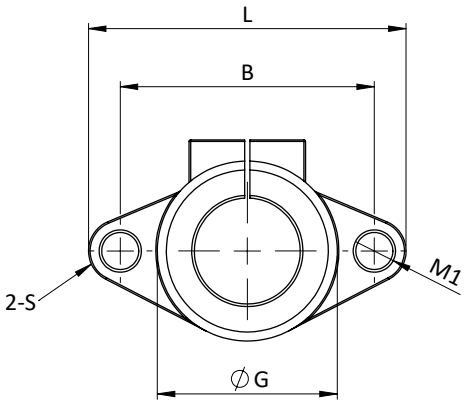
Art. No.	Type	Ød	A	Ød1	ØD1	E	L	SW	V	(kg)
130-0000	KFWB56-12	12	40	5,5	23,5	30 +/– 0,12	20	3	12	0,05
130-0001	KFWB56-16	16	50	5,5	27,5	35 +/– 0,12	20	3	12	0,08
130-0002	KFWB56-20	20	50	6,6	33,5	38 +/– 0,15	23	4	14	0,1
130-0003	KFWB56-25	25	60	6,6	42	42 +/– 0,15	25	5	16	0,15
130-0004	KFWB56-30	30	70	9	49,5	54 +/– 0,25	30	6	19	0,24
130-0005	KFWB56-40	40	100	11	65	68 +/– 0,25	40	8	26	0,66
130-0006	KFWB56-50	50	100	11	75	75 +/– 0,25	50	8	36	0,82

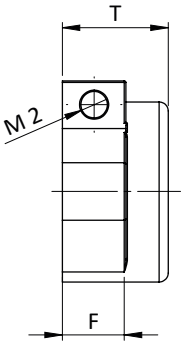
Notice:

- Suitable linear precision shafts see page 62

KFWB

Flanged shaft support, alu. alloy





Art. No.	Type	Ød	L	T	F	B	G	H	S	Clamp screw	(kg)
119-0288	KFWB-12	12	47	13	7	36	25	28	5,5	M4	0,020
119-0289	KFWB-16	16	50	16	8	40	28	31	5,5	M4	0,027
119-0290	KFWB-20	20	60	20	8	48	34	37	7	M5	0,040
119-0291	KFWB-25	25	70	25	10	56	40	42	7	M5	0,110
119-0292	KFWB-30	30	80	30	12	4	46	50	9	M6	0,110
119-0293	KFWB-40	40	105	40	16	80	56	67	12	M10	0,510
119-0294	KFWB-50	50	122	50	19	96	70	83	14	M12	0,890

Notice:

- Suitable linear precision shafts see page 62

Linear precision shafts

Take advantage of our machining facilities and save money with pre-finished precision shafts acc. to your specific drawing

"We are specialists in the machining of inductively hardened shafts.
We manufacture completely machined components at short notice according to your specifications on most modern CNC machines, e.g. shafts with pins and chamfers, with radial or axial threaded holes, as well as fully assembled units with shaft supports

Material	CF53	CF53 verchromt	X46Cr13	X90CrMoV18	X105CrMo17	V4A		
Material no.	**1.1213**	**1.1213**	**1.4034**	**1.4112**	**1.4125**	**1.4571**		
Surface hardness	**60 - 66 HRC**	**60 - 66 HRC**	**52 - 55 HRC**	**53 - 59 HRC**	**53 - 60 HRC**			
Dimensions							**kg/m**	**Rht ***
Diam. 5 h6	x	–	–	–	–	–	0,15	0,4 – 0,8
Diam. 6 h6	x	–	–	–	–	–	0,22	0,4 – 0,8
Diam. 8 h6	x	–	x	x	–	–	0,4	0,4 – 1,0
Diam. 10 h6	x	–	–	x	–	x	0,62	0,4 – 1,0
Diam. 12 h6	x	x	x	x	x	–	0,89	0,6 – 1,0
Diam. 14 h6	x	–	–	–	–	–	1,21	0,6 – 1,3
Diam. 15 h6	x	–	–	–	–	–	1,39	0,6 – 1,3
Diam. 16 h6	x	x	x	x	x	x	1,58	0,6 – 1,5
Diam. 18 h6	x	–	–	–	–	–	2	0,6 – 1,5
Diam. 20 h6	x	x	x	x	x	x	2,47	0,9 – 1,5
Diam. 25 h6	x	x	x	x	x	–	3,85	0,9 – 1,7
Diam. 30 h6	x	x	x	x	x	x	5,55	0,9 – 1,7
Diam. 35 h6	x	–	–	–	–	–	7,55	1,5 – 2,0
Diam. 40 h6	x	x	x	x	x	x	9,87	1,5 – 2,0
Diam. 50 h6	x	x	x	x	x	–	15,4	1,5 – 2,6
Diam. 60 h6	x	–	–	–	–	–	22,2	2,2 – 3,0

* Depending on the batch, the precision steel shafts can be through-hardened up to Ø10 mm.
The depth at which 80% of the surface hardness is still present is to be understood as the edge hardness depth.

Notes

KNECHT
GREENHOUSE-EQUIPMENT
LINEAR-ELEMENTS

DMSZ
according to
ISO 9001
QM 01395

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