

Mounting elements for hydraulic cylinders

RE 17042/10.07
Replaces: 09.07

1/28

Mounting elements



H/A 3121/92

Overview of contents

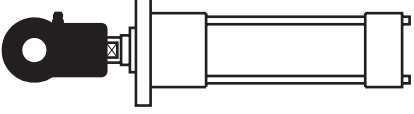

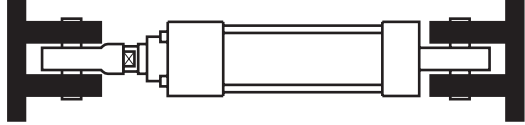
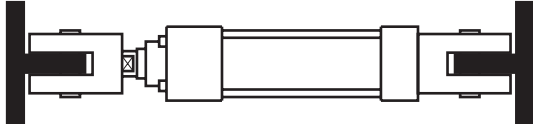
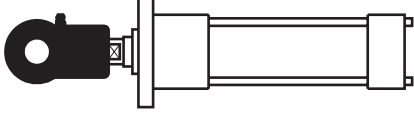
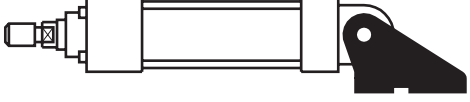

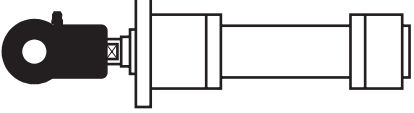
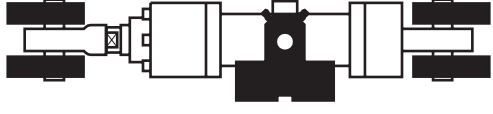
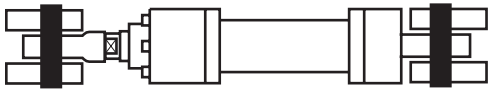
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Mounting elements

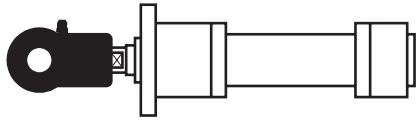
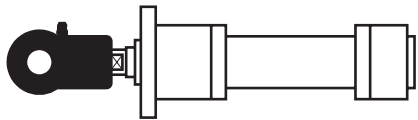
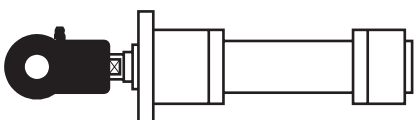
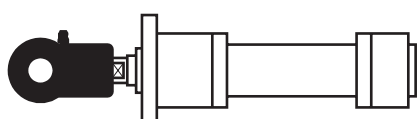
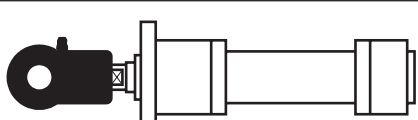

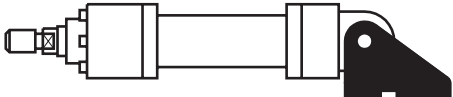
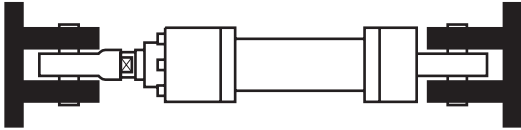
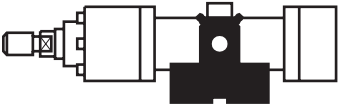
- Plain clevis
- Self-aligning clevis
- Fork clevis
- Mounting block
- Fork and eye bracket
- Trunnion bracket
- Pin

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Overview of mounting elements

Mounting type	Designation / Type	For mounting to series	Page
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	Self-aligning clevis CGKL / CGKM ISO 6126 ISO 6982 DIN 648 E DIN 24338 ISO/DIS 8132	CDL1	12
	Mounting block CLTL / CLTM		13
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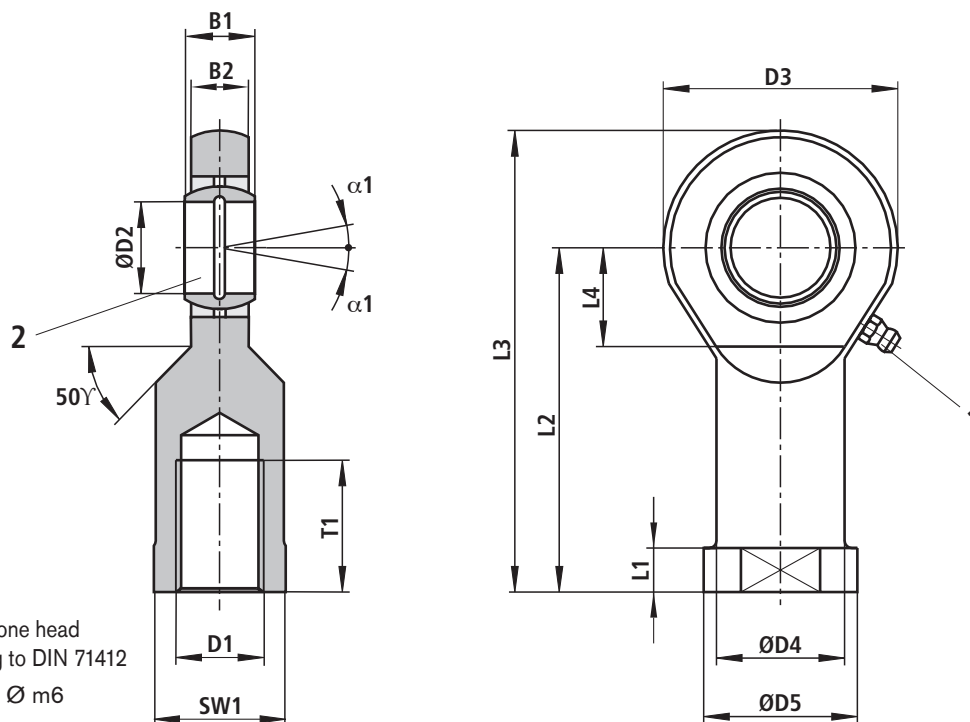
Overview of mounting elements

Mounting type	Designation / Type	For mounting to series	Page
	Plain clevis CSA	CDH1 CDH3	14
	Self-aligning clevis CGA		15
	Self-aligning clevis (with locking screws) CGAK		16
	Self-aligning clevis (with locking screws) CGAS		17
	Self-aligning clevis (with locking screws) CGKD ISO 6982; DIN 24338 ISO/DIS 8132	CDH2 CDM1 ...2X	18, 19
	Fork clevis CCKB ISO 8132		20, 21
	Clevis bracket CLCA ISO 8132 Form B		22, 23
	Clevis bracket CLCD ISO 8132 Form A		24, 25
	Trunnion bracket CLTB ISO 8132		26, 27

Self-aligning clevis CGK (dimensions in mm)

ISO 6126

DIN 648



1 Grease nipple, cone head form A according to DIN 71412

2 Associated pin \varnothing m6

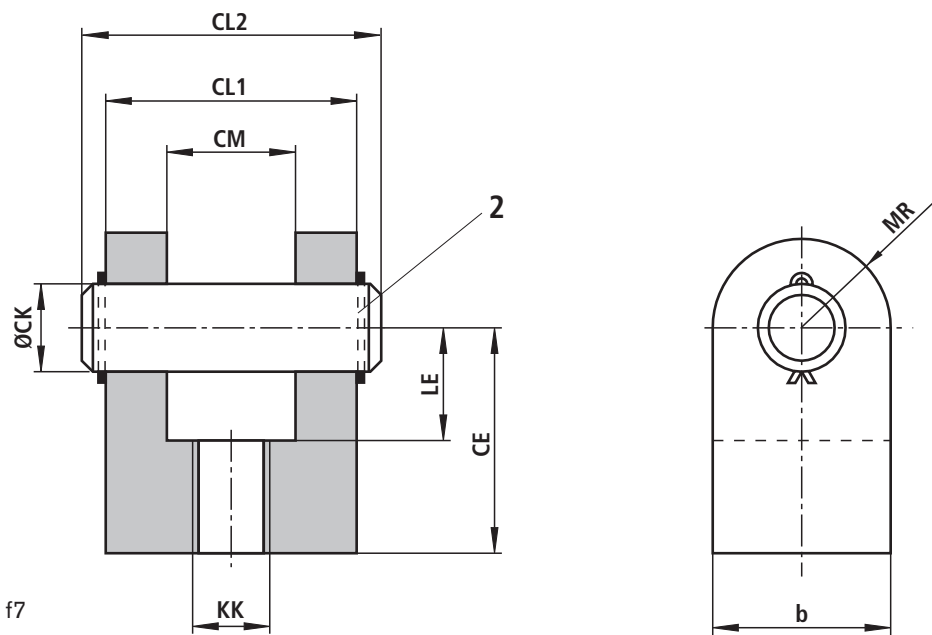
Series		Type	Material no.	B1	B2	D1	D2 \varnothing h5	D3	D4 \varnothing	D5 \varnothing	L1	L2	L3	L4	T1	SW1	α 1	m kg
CD 70 Piston \varnothing	CD 210 Piston \varnothing Rod \varnothing																	
25	–	CGK 10 ¹⁾	R900001653	9	7	M10	10	27	15	19	6,5	43	58	14	15	17	12°	0,07
32	–	CGK 12 ¹⁾	R900001327	10	8	M12	12	34	19	22	7	50	67	16	18	19	11°	0,1
40	40	CGK 15 ²⁾	R900001328	12	10	M14	15	41	22	26	8	61	81	18	21	22	8°	0,16
50	50	CGK 20 ²⁾	R900001329	16	13	M20 x 1.5	20	53	28	34	10	77	104	23	30	32	9°	0,34
63	63	CGK 25	R900001330	20	17	M24 x 2	25	64	35	42	12	94	126	27	36	36	7°	0,6
80	80	CGK 30	R900001331	22	19	M30 x 2	30	73	42	50	15	110	147	30	45	41	6°	0,9
–	80	CGK 35	R900012486	25	21	M36 x 3	35	82	47	58	15	125	166	42	60	50	6°	1,4
100	80	CGK 40	R900001332	28	23	M39 x 3	40	92	52	65	18	142	190	44	65	55	7°	2,0
125	100	CGK 45	R900001333	32	27	M42 x 3	45	102	58	70	20	145	199	48	65	60	7°	2,7
150	125	CGK 50	R900001334	35	30	M45 x 3	50	112	62	75	20	160	221	58	68	65	6°	3,5
200	150	CGK 60	R900001335	44	38	M52 x 3	60	135	70	88	20	175	246	68	70	75	6°	5,6
–	180	CGK 80	R900001928	55	47	M64 x 4	80	180	95	110	25	230	324	91	85	100	6°	13,1

Notes

1) = May not be subsequently lubricated

2) = May be subsequently lubricated via lubricating hole in housing

Fork clevis CCKA (dimensions in mm)



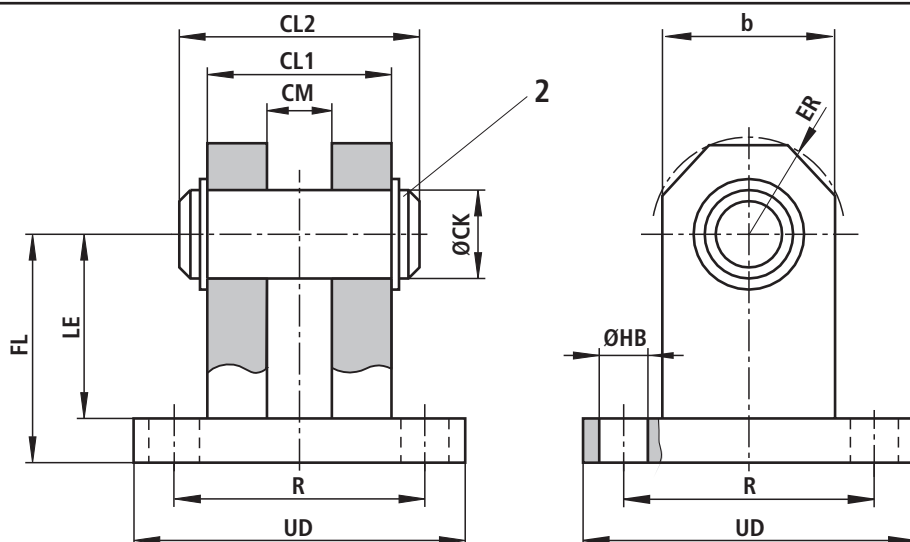
- 2 Associated pin \varnothing f7
(pins and pin securing rings are included within the scope of supply)

Series		Type	Material no.	CK \varnothing H7	CL1 h16	CL2 max.	CM A12	CE js12	KK	LE min.	MR max.	b max.	m kg
CD 70 Rod \varnothing	CD 210 Rod \varnothing												
16	16	CCKA 10 ¹⁾	R900318486	12,7	44	56	20	38	M10 x 1.5	19	13	26	0,2
18	18												
22	22	CCKA 16 ¹⁾	R900318488	19,1	65	77	32,5	54	M16 x 1.5	26	19	38	1,0
25	25	CCKA 20 ¹⁾	R900318487	19,1	65	77	32,5	54	M20 x 1.5	26	19	38	1,0
28	28												
36	36	CCKA 26 ¹⁾	R900318489	25,43	77	92	39	75	M26 x 1.5	34	26	52	2,4
45	45	CCKA 33 ¹⁾	R900318491	34,95	100	118	51,5	95	M33 x 2	45	35	70	4,5
50	50	CCKA 39 ¹⁾	R900318494	44,48	127	147	65	114	M39 x 2	57	45	90	8,5
56	56												
63	63	CCKA 48 ¹⁾	R900318496	50,83	127	147	65	140	M48 x 2	64	50	100	13,0
70	70												
80	80	CCKA 58 ¹⁾	R900541067	63,5	154	176	78	165	M58 x 2	76	65	130	23,0
90	90	CCKA 64 ¹⁾	R900318498	76,23	154	176	78	172	M64 x 2	83	70	140	25,0

Notes

¹⁾ = Only possible for thread "C".

Clevis bracket CLCC (dimensions in mm)



2 Associated pin \varnothing m6
(pins and pin securing
rings are included within
the scope of supply)

Compatible with self-aligning
clevis types CGK... or CGA...

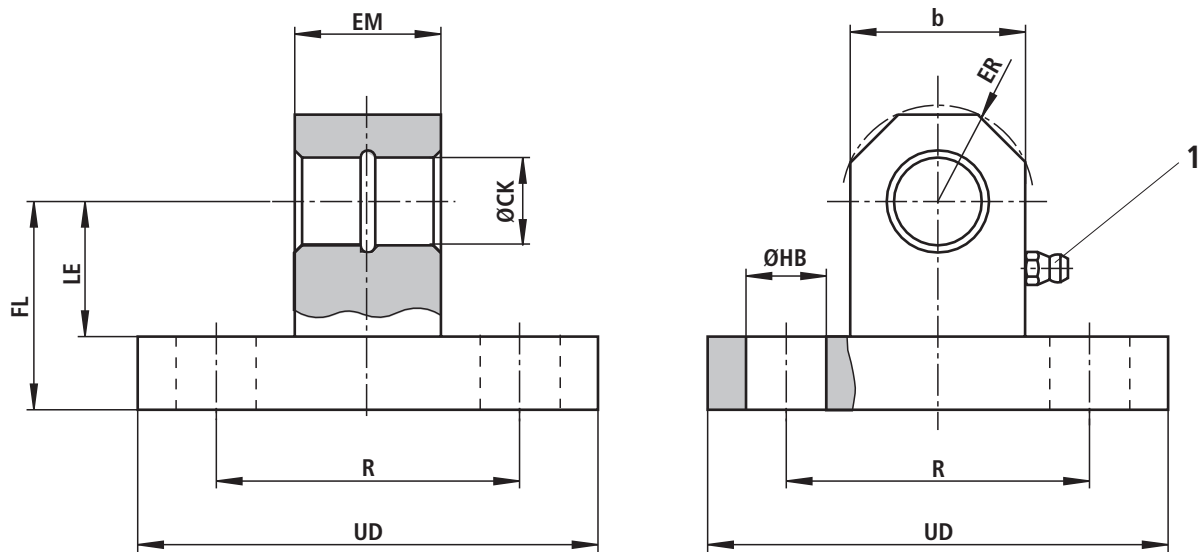
Series				Type	Material no.	CK \varnothing H9	CL1 h16	CL2 max.	CM A12	FL js12	HB \varnothing H13	ER max.	LE min.	UD max.	R js14	b max.	m kg	
CD 70		CD 210																
Piston \varnothing ¹⁾	Piston \varnothing ²⁾	Piston \varnothing Rod \varnothing	Piston \varnothing ²⁾															
25	-	-	-	CLCC 10	R900318440	10	25	37	9	35	5,5	13	25	45	33	24	0,3	
32	25 32	-	-	CLCC 12	R900318423	12	25	37	10	35	5,5	13	25	45	33	24	0,3	
40	40	40	16 18	40	CLCC 15	R900318468	15	35	48	12	45	17	35	75	50	32	0,8	
50	50	50	25 22 25	50	CLCC 20	R900318469	20	50	64	16	58	13,5	22	42	90	65	40	1,8
63	80	63	50 25 28	63	CLCC 25	R900318470	25	60	74	20	75	13,5	25	59	95	70	45	2,5
80	125	80	63 36 45 36	-	CLCC 30	R900318471	30	60	74	22	75	13,5	25	59	95	70	45	2,5
-	150	80	45	80	CLCC 35	R900318472	35	70	93	25	90	17,5	35	68	130	95	65	6,0
100	-	80	56	100	CLCC 40	R900318473	40	70	93	28	90	17,5	35	68	130	95	65	6,0
125	200	100	45	125	CLCC 45	R900318481	45	110	133	32	125	26	46	100	180	135	85	15,0
150	-	100	50 70 50 56	150	CLCC 50	R900318482	50	110	133	35	125	26	46	100	180	135	85	15,0
200	-	125	63 90 63 70	180	CLCC 60	R900318483	60	125	148	44	155	33	66	125	225	170	125	28,0
-	-	150	80 100	-	CLCC 80	R900318477	80	140	163	55	130	33	75	100	245	190	140	33,0
-	-	180	80 90	-	CLCC 81	R900318478	80	140	163	60	150	33	75	120	245	190	140	34,0
-	-	180	125	-	CLCC 90	R900318479	90	140	163	65	150	33	75	120	245	190	140	35,0
-	-	200	140	-	CLCC 100	R900318480	100	150	175	70	165	33	95	135	255	200	170	41,0
-	-	-	-	200	CLCC 70	R900318484	70	125	148	49	155	33	80	125	225	170	145	28,0

Notes

1) = When mounting CGK... or CGA on the piston rod

2) = When mounting on cylinder base (mounting type "B")

Eye bracket CLEA (dimensions in mm)



1 Grease nipple, cone head form A according to DIN 71412

Cmpatible with fork clevis type CCKA...

Series				Type	Material no.	CK Ø	EM h13	FL js12	HB Ø	ER max.	LE min.	UD max.	R js14	b	m kg	
CD 70		CD 210														
Piston Ø ¹⁾	Rod Ø ²⁾	Piston Ø ¹⁾	Rod Ø ²⁾													
32	16	40	16	CLEA 10	R900318516	12,7	20	28,5	11	13	18,5	63	41,5	24	0,4	
40																18
50	18															
63																
80	22	50	22	CLEA 20	R900318518	19,1	32,5	47,5	13,5	22	31,5	89	65	40	1,6	
100	25															25
125	28															
150	36	80	36	CLEA 26	R900318519	25,43	39	57	17,5	30	38	114	82,5	55	2,3	
200																
-	45	100	45	CLEA 33	R900318520	34,95	51,5	76	17,5	41	54	127	97	75	5,8	
-	50	125	50	CLEA 39	R900318521	44,48	65	79,5	22	49	57	165	126	90	10,0	
	56															56
-	63	150	63	CLEA 48	R900318522	50,83	65	89	26	56	64	190	145,5	105	14,0	
	70															70
-	80	180	80	CLEA 58	R900318524	63,53	78	101,5	30	69	77	216	167	130	21,0	
-	90	200	90	CLEA 64	R900318523	76,23	78	108	33	77	83	242	190,5	145	26,0	

Notes

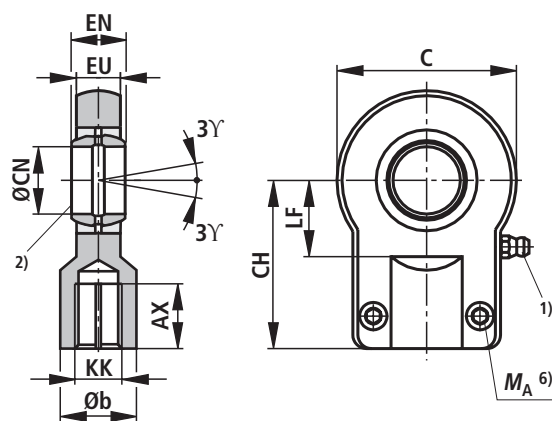
¹⁾ = When mounting on cylinder base (mounting type "G")

²⁾ = When mounting CCKA... on the piston rod

Self-aligning clevis (with locking screws): CGKA (dimensions in mm) - AP 6

ISO 8133

DIN 24555



AL Ø	MM Ø	KK ³⁾ ISO / DIN	KK ⁴⁾ ISO	Type	Material no.	AX min	b Ø	C max.	CH js13	CN Ø	
25	12	M10 x 1.25	M14 x 1.5	CGKA 12 ⁵⁾	R900327186	15	17	40	42	12	-0,008
	18	M10 x 1.25		CGKA 12 ⁵⁾	R900327186	15	17	40	42	12	-0,008
	18			CGKA 20 ⁶⁾	R900306874	19	25	55	58	20	-0,012
32	14	M12 x 1.25	M16 x 1.5	CGKA 16 ⁶⁾	R900327192	17	21	45	48	16	-0,008
	22	M12 x 1.25		CGKA 16 ⁶⁾	R900327192	17	21	45	48	16	-0,008
	22			CGKA 25	R900327191	23	30	65	68	25	-0,012
40	18	M14 x 1.5	M20 x 1.5	CGKA 20 ⁶⁾	R900306874	19	25	55	58	20	-0,012
	28	M14 x 1.5		CGKA 20 ⁶⁾	R900306874	19	25	55	58	20	-0,012
	28			CGKA 30	R900327187	29	36	80	85	30	-0,012
50	22	M16 x 1.5	M27 x 2	CGKA 25	R900327191	23	30	65	68	25	-0,012
	36	M16 x 1.5		CGKA 25	R900327191	23	30	65	68	25	-0,012
	36			CGKA 40	R900327188	37	45	100	105	40	-0,012
63	28	M20 x 1.5	M33 x 2	CGKA 30	R900327187	29	36	80	85	30	-0,012
	45	M20 x 1.5		CGKA 30	R900327187	29	36	80	85	30	-0,012
	45			CGKA 50	R900327368	46	55	125	130	50	-0,012
80	36	M27 x 2	M42 x 2	CGKA 40	R900327188	37	45	100	105	40	-0,012
	56	M27 x 2		CGKA 40	R900327188	37	45	100	105	40	-0,012
	56			CGKA 60	R900327369	57	68	160	150	60	-0,015
100	45	M33 x 2	M48 x 2	CGKA 50	R900327368	46	55	125	130	50	-0,012
	70	M33 x 2		CGKA 50	R900327368	46	55	125	130	50	-0,012
	70			CGKA 80	R900327370	64	90	205	185	80	-0,015
125	56	M42 x 2	M64 x 3	CGKA 60	R900327369	57	68	160	150	60	-0,015
	90	M42 x 2		CGKA 60	R900327369	57	68	160	150	60	-0,015
	90			CGKA 100	R900327371	86	110	240	240	100	-0,02
160	70	M48 x 2	M80 x 3	CGKA 80	R900327370	64	90	205	185	80	-0,015
	110	M48 x 2		CGKA 80	R900327370	64	90	205	185	80	-0,015
	110			CGKD 100 ⁷⁾	R900322030	96	110	210	210	100	H7
200	90	M64 x 3	M100 x 3	CGKA 100	R900327371	86	110	240	240	100	-0,02
	140	M64 x 3		CGKA 100	R900327371	86	110	240	240	100	-0,02
	140			CGKD 125 ⁷⁾	R900322026	113	135	262	260	125	H7

AL = Piston Ø

MM = Piston rod Ø

Self-aligning clevis (with locking screws): CGKA (dimensions in mm) - AP 6

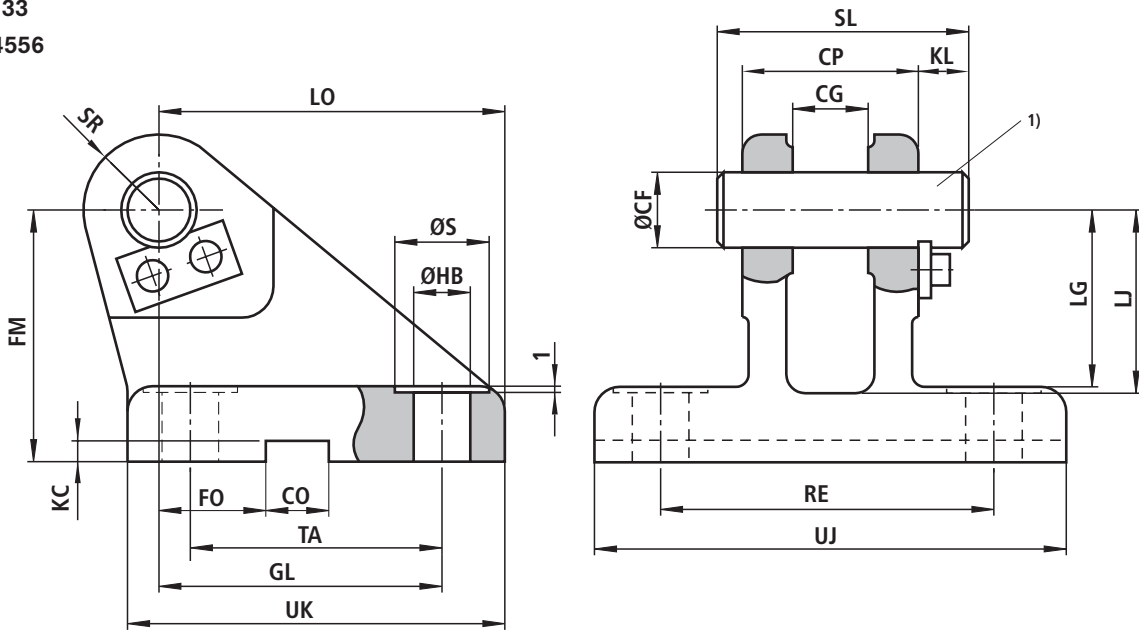
AL Ø	MM Ø	KK ³⁾ ISO / DIN	KK ⁴⁾ ISO	Type	EN		EU h13	LF min.	M _A ⁸⁾ Nm	m ⁹⁾ kg
25	12	M10 x 1.25	M14 x 1.5	CGKA 12 ⁵⁾	10	-0,12	8	16	9,5	0,15
	18	M10 x 1.25		CGKA 12 ⁵⁾	10	-0,12	8	16	9,5	0,15
	18			CGKA 20 ⁶⁾	16	-0,12	13	25	23	0,43
32	14	M12 x 1.25	M16 x 1.5	CGKA 16 ⁶⁾	14	-0,12	11	20	9,5	0,25
	22	M12 x 1.25		CGKA 16 ⁶⁾	14	-0,12	11	20	9,5	0,25
	22			CGKA 25	20	-0,12	17	30	23	0,73
40	18	M14 x 1.5	M20 x 1.5	CGKA 20 ⁶⁾	16	-0,12	13	25	23	0,43
	28	M14 x 1.5		CGKA 20 ⁶⁾	16	-0,12	13	25	23	0,43
	28			CGKA 30	22	-0,12	19	35	46	1,3
50	22	M16 x 1.5	M27 x 2	CGKA 25	20	-0,12	17	30	23	0,73
	36	M16 x 1.5		CGKA 25	20	-0,12	17	30	23	0,73
	36			CGKA 40	28	-0,12	23	45	46	2,3
63	28	M20 x 1.5	M33 x 2	CGKA 30	22	-0,12	19	35	46	1,3
	45	M20 x 1.5		CGKA 30	22	-0,12	19	35	46	1,3
	45			CGKA 50	35	-0,12	30	58	80	4,4
80	36	M27 x 2	M42 x 2	CGKA 40	28	-0,12	23	45	46	2,3
	56	M27 x 2		CGKA 40	28	-0,12	23	45	46	2,3
	56			CGKA 60	44	-0,15	38	68	195	8,4
100	45	M33 x 2	M48 x 2	CGKA 50	35	-0,12	30	58	80	4,4
	70	M33 x 2		CGKA 50	35	-0,12	30	58	80	4,4
	70			CGKA 80	55	-0,15	47	92	385	15,6
125	56	M42 x 2	M64 x 3	CGKA 60	44	-0,15	38	68	195	8,4
	90	M42 x 2		CGKA 60	44	-0,15	38	68	195	8,4
	90			CGKA 100	70	-0,2	57	116	660	28,0
160	70	M48 x 2	M80 x 3	CGKA 80	55	-0,15	47	92	385	15,6
	110	M48 x 2		CGKA 80	55	-0,15	47	92	385	15,6
	110			CGKD 100 ⁷⁾	100	h12	84	98	385	28,0
200	90	M64 x 3	M100 x 3	CGKA 100	70	-0,2	57	116	660	28,0
	140	M64 x 3		CGKA 100	70	-0,2	57	116	660	28,0
	140			CGKD 125 ⁷⁾	125	h12	102	120	385	43,0

Notes

- 1) = Grease nipple, cone head form A according to DIN 71412
- 2) = Associated pin Ø h6
- 3) = Thread version for piston rod ends "F" and "H" (ISO/DIN)
- 4) = Thread version for piston rod ends "D" and "K" (ISO)
- 5) = May not be subsequently lubricated
- 6) = May be subsequently lubricated via lubricating hole in housing
- 7) = Self-aligning clevis according to ISO 6982, DIN 24338, associated pin Ø r6
- 8) M_A = Tightening torque
The self-aligning clevis must always be screwed to the piston rod thread stop. Subsequently, the clamping screws have to be tightened to the specified torque.
- 9) = Weight of the self-aligning clevis

Clevis bracket CLCB (dimensions in mm)

ISO 8133
DIN 24556



Series CDT3 Piston Ø	Type	Material no.	CF Ø	CP	CG	CO	FO	FM	GL	HB Ø	KC	KL	LG	LJ
25 ²⁾	CLCB 12	R900326960	12 K7	30 h14	10 +0,1 +0,3	10 N9	16 js14	40 js11	46 js13	9	3,3 +0,3 0	8	28	29
32	CLCB 16	R900327372	16	40	14	16	18	50	61	11	4,3	8	37	38
40	CLCB 20	R900327373	20	50	16	16	20	55	64	14	4,3	10	39	40
50	CLCB 25	R900326961	25	60	20	25	22	65	78	16	5,4	10	48	49
63	CLCB 30	R900327374	30	70	22	25	24	85	97	18	5,4	13	62	63
80	CLCB 40	R900327375	40	80	28	36	24	100	123	22	8,4	16	72	73
100	CLCB 50	R900327376	50	100	35	36	35	125	155	30	8,4	19	90	92
125	CLCB 60	R900327377	60	120	44	50	35	150	187	39	11,4	20	108	110
160	CLCB 80	R900327378	80	160	55	50	35	190	255	45	11,4	26	140	142
200	CLCB 100	R900327379	100	200	70	63	35	210	285	48	12,4	30	150	152

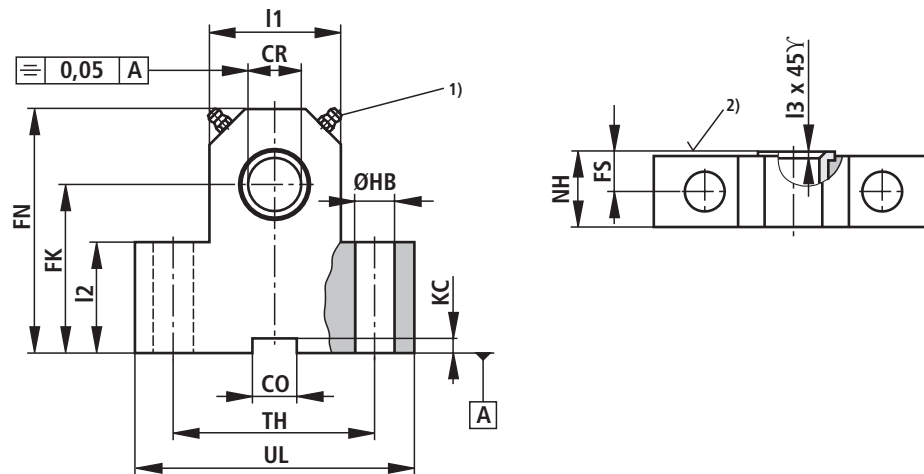
Series CDT3 Piston Ø	Type	LO	RE	SL	SR	TA	UJ	UK	S Ø	m
25 ²⁾	CLCB 12	56	55 js13	40	12 max.	40 js13	75	60	15	0,6
32	CLCB 16	74	70	50	16	55	95	80	18	1,3
40	CLCB 20	80	85	62	20	58	120	90	20	2,1
50	CLCB 25	98	100	72	25	70	140	110	24	3,2
63	CLCB 30	120	115	85	30	90	160	135	26	6,5
80	CLCB 40	148	135	100	40	120	190	170	33	12,0
100	CLCB 50	190	170	122	50	145	240	215	48	23,0
125	CLCB 60	225	200	145	60	185	270	260	60	37,0
160	CLCB 80	295	240	190	80	260	320	340	80	79,0
200	CLCB 100	335	300	235	100	300	400	400	80	140,0

Notes

- ¹⁾ = Associated pin Ø h6 (pins and pin securing rings within the scope of supply)
- ²⁾ = Mounting on cylinder base is not possible

Trunnion bracket CLTA (dimensions in mm) - AT 4

DIN 24556



Series CDT3 Piston Ø	Type	Material no.	CR	CO	FK	FN	FS	HB	KC	NH	TH	UL	I1	I2	I3	$m^{3)}$
			Ø H7	N9	js12	max.	js14	H13	$+0,3$ 0	max.	js14	max.	max.	max.	max.	max.
25	CLTA 12	R901071355	12	10	38	55	8	9	3,3	17	40	63	25	25	1	0,5
32	CLTA 16	R901071364	16	16	45	65	10	11	4,3	21	50	80	30	30	1	0,9
40	CLTA 20	R901071365	20	16	55	80	10	11	4,3	21	60	90	40	38	1,5	1,35
50	CLTA 25	R901071368	25	25	65	90	12	14	5,4	26	80	110	56	45	1,5	2,4
63	CLTA 32	R901071377	32	25	75	110	15	18	5,4	33	110	150	70	52	2	5,0
80	CLTA 40	R901071380	40	36	95	140	16	22	8,4	41	125	170	88	60	2,5	8,5
100	CLTA 50	R901071385	50	36	105	150	20	26	8,4	51	160	210	90	72	2,5	15
125	CLTA 63	R901071395	63	50	125	195	25	33	11,4	61	200	265	136	87	3	30
160	CLTA 80	R901071398	80	50	150	230	31	39	11,4	81	250	325	160	112	3,5	59
200	CLTA 100	R901071400	100	63	200	300	42	52	12,4	101	320	410	200	150	4,5	131

Notes

1) = Grease nipple, cone head form A according to DIN 71412

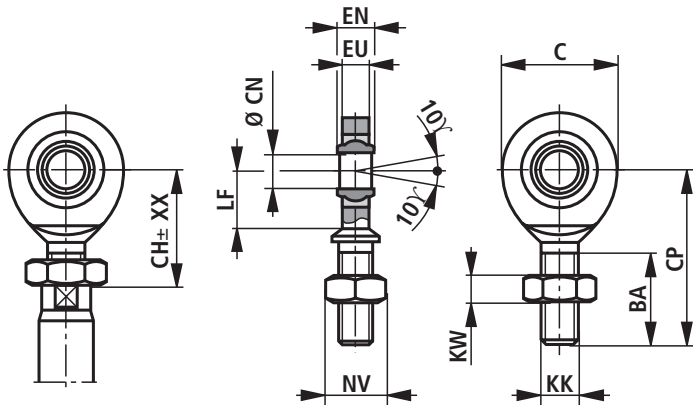
2) = Inside face

3) m = Weight per pair, brackets are supplied in pairs

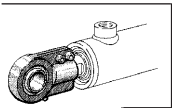
Self-aligning clevis (dimensions in mm)

CGKL

AL-Ø 25-32 mm

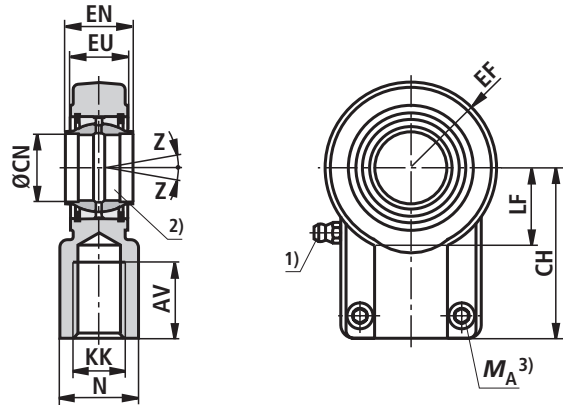


ISO 6126
DIN 648 E



CGKM

AL-Ø 40-125 mm



ISO 6982
DIN 24338
ISO/DIS 8132

Series CDL1		Type	Material no.	KK	AV	N	BA	C	CH	EF	CN	CP	EN	EU	KW	LF	NV	Z	Clamping screw ISO 4762-10.9	M _A ³⁾	m ⁴⁾
AL Ø	MM Ø																				
25	14	CGKL 10	3712500031	M10	-	-	26	29	29	-	10	48	9	7	5	15	16	-	-	-	0,1
32	18	CGKL 12	3713200031	M12	-	-	28	34	35	-	12	54	10	8	6	18	18	-	-	-	0,1
40	22	CGKM 20	3714000021		23	28	-	-	52	25	20	-	20	17,5	-	20,5	-	2°	M8 x 20	25	0,35
50	28	CGKM 25	3715000021		29	31	-	-	65	32	25	-	25	22	-	25,5	-	2°	M8 x 20	25	0,65
63	36	CGKM 32	3716300021	M27 x 2	37	38	-	-	80	40	32	-	32	28	-	30	-	4°	M10 x 25	49	1,15
80	45	CGKM 40	3718000021	M33 x 2	46	47	-	-	97	50	40	-	40	34	-	39	-	4°	M10 x 30	49	2,1
100	56	CGKM 50	3719800021	M42 x 2	57	58	-	-	120	63	50	-	50	42	-	47	-	4°	M12 x 35	86	4
125	70	CGKM 63	3711200021	M48 x 2	64	70	-	-	140	72,5	63	-	63	53,5	-	58	-	4°	M16 x 40	210	7,2

Notes

AL = Piston Ø

MM = Piston rod Ø

1) = Grease nipple

2) = Associated pin Ø r6

3) = The self-aligning clevis must always be screwed to the piston rod thread stop. Subsequently, the clamping screws have to be tightened to the specified torque.

4) m = Weight of the self-aligning clevis

5) = Tolerances:

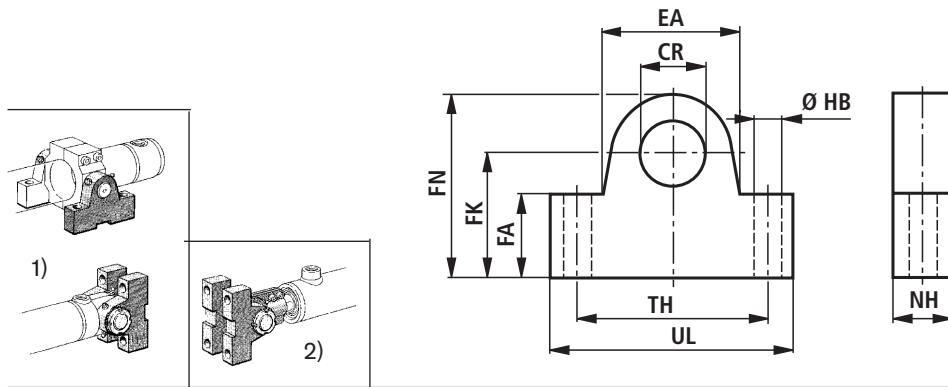
AL-Ø 25-32 mm -0.008

AL-Ø 40-125 mm H7

The installation dimensions may slightly vary depending on the manufacturer. The standards ISO 6982 and DIN 24388 for self-aligning clevises will be withdrawn upon the introduction of the revised standard ISO/DIS 8132.

The revised standard ISO/DIS 8132 can result in dimensional deviations, which could not yet be indicated at the time when this catalogue was printed.

Mounting block CLTL / CLTM (dimensions in mm)



Series CDL1				Type	Material no.	CR Ø	EA max.	FA	FK js12	FN	HB Ø	NH	TH	UL	m ⁴⁾ kg
AL Ø	MM Ø	AL Ø	MM Ø												
-	-	25	14	CLTL 10	2370124121	10	20	20	34	45	9	16	40	60	0,36
25 ³⁾	14 ³⁾	32	18	CLTL 12	2370125121	12	20	20	34	45	9	16	40	60	0,35
32 ³⁾	18 ³⁾	-	-	CLTL 16	2370132121	16	24	25	40	53	11	20	50	76	0,65
40	22	40	22	CLTL 20	2370140121	20	35	27	45	63	11	20	60	86	1,0
50	28	50	28	CLTL 25	2370150121	25	54	35	55	77	14	24	80	110	1,9
63	36	63	36	CLTL 32	2370163121	32	65	40	65	92	18	30	110	150	3,5
80	45	80	45	CLTL 40	2370180121	40	82	45	76	112	22	32	125	170	5,1
100	56	100	56	CLTL 50	2370198121	50	106	60	95	138	27	40	160	210	9,7
125	70	125	70	CLTL 63	2370112121	63	140	70	112	168	33	50	200	260	18,7
160 ³⁾	90 ³⁾	-	-	CLTM 80	3711600121	80	175	85	140	215	39	62	250	322	31,0
-	-	160	90	CLTM 70	3420010121	70	120	65	140	200	31	65	280	345	33,6
200 ³⁾	110 ³⁾	-	-	CLTM 100	3712000121	100	180	80	160	250	39	80	324	394	65,0
-	-	200	110	CLTM 80	3711600121	80	175	85	140	215	39	62	250	322	31,0

Notes

The mounting blocks are suitable for mounting the types MP5, MT4 and self-aligning clevises.

Mounting blocks are always supplied in pairs.

AL = Piston Ø

MM = Piston rod Ø

1) = For mounting types MP5 and MT4

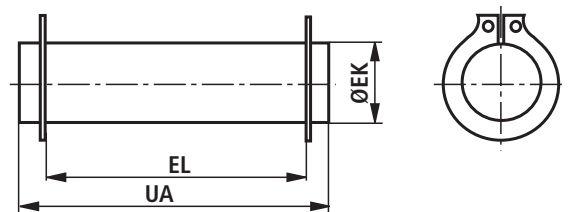
2) = For self-aligning clevis

3) = Only for mounting type MT4

4) m = Weight per pair

Pin CAL (dimensions in mm)

Series CDL1		Type	Material no.	ØEK j6	EL	UA	m ¹⁾ kg
AL Ø	MM Ø						
25	14	CAL 10	2370125131	10	41	46	0,03
32	18	CAL 12	2370132131	12	42	47	0,04
40	22	CAL 20	2370140131	20	60	66	0,16
50	28	CAL 25	2370150131	25	74	81	0,3
63	36	CAL 32	2370163131	32	92	100	0,6
80	45	CAL 40	2370180131	40	104	114	1,1
100	56	CAL 50	2370198131	50	130	142	2,2
125	70	CAL 63	2370112131	63	163	175	4,3
160	90	CAL 70	3420010131	70	195	222	7,2
200	110	CAL 80	3711600131	80	198	240	10,2



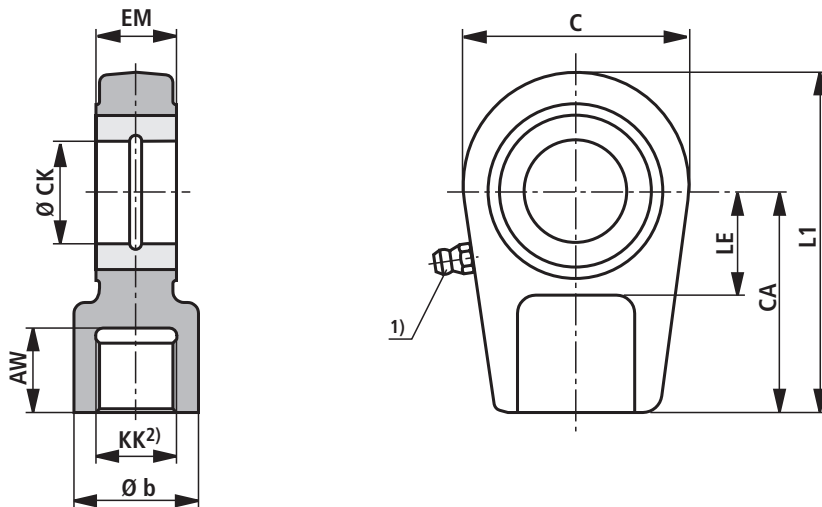
Notes

AL = Piston Ø

MM = Piston rod Ø

1) m = Weight of the pin

Plain clevis CSA (dimensions in mm)



Series		Type	Material no.	AW	b Ø	C	CA	CK Ø H11	EM -0,4	KK	LE	L1	m ³⁾ kg
CDH1 AL Ø	CDH3 AL Ø												
40	-	CSA 16	R900303150	17	28	56	50	25	23	M16 x 1.5	25	80	0,43
50	40	CSA 22	R900303151	23	34	64	60	30	28	M22 x 1.5	30	94	0,7
63	50	CSA 28	R900303152	29	44	78	70	35	30	M28 x 1.5	40	112	1,1
80	63	CSA 35	R900303153	36	55	94	85	40	35	M35 x 1.5	45	135	2,0
100	80	CSA 45	R900303154	46	70	116	105	50	40	M45 x 1.5	55	168	3,3
125	100	CSA 58	R900303155	59	87	130	130	60	60	M58 x 1.5	65	200	5,5
140	125	CSA 65	R900303156	66	93	154	150	70	55	M65 x 1.5	75	232	8,6
160	140	CSA 80	R900303157	81	125	176	170	80	60	M80 x 2	80	265	12,2
180	160	CSA 100	R900303158	101	143	206	210	90	65	M100 x 2	90	323	21,5
200	180	CSA 110	R900303159	111	153	230	235	100	70	M110 x 2	105	360	27,5
-	200	CSA 120	R900303160	125	176	265	265	110	80	M120 x 3	115	407,5	40,7

Notes

AL = Piston Ø

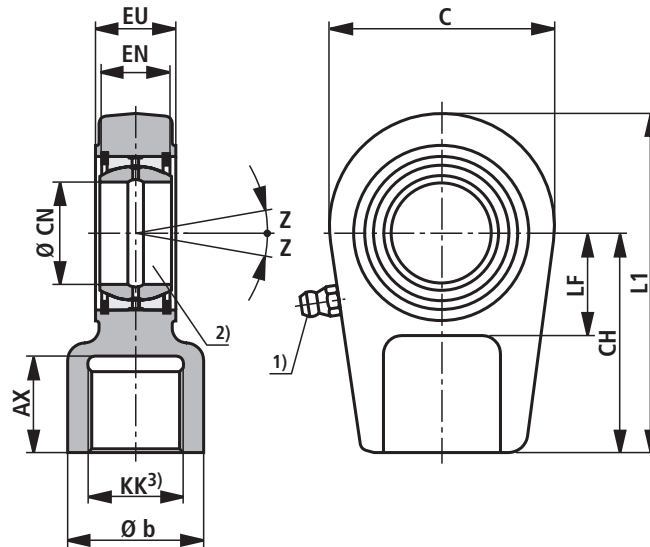
1) = Grease nipple, cone head form A according to DIN 71412

2) = The plain clevis must always be screwed to the piston rod thread stop

3) m = Weight of the plain clevis

Self-aligning clevis CGA (dimensions in mm)

AL-Ø 40-280 mm



Series		Type	Material no.	AX	b Ø	C	CH	CN Ø	EN	EU	KK	L1	LF	Z	m ⁴⁾ kg
CDH1 AL Ø	CDH3 AL Ø														
40	-	CGA 16	R900303125	17	28	56	50	25 _{-0,010}	20 _{-0,12}	23	M16 x 1.5	80	25	8°	0,43
50	40	CGA 22	R900303126	23	34	64	60	30 _{-0,010}	22 _{-0,12}	28	M22 x 1.5	94	30	7°	0,7
63	50	CGA 28	R900303127	29	44	78	70	35 _{-0,012}	25 _{-0,12}	30	M28 x 1.5	112	40	7°	1,1
80	63	CGA 35	R900303128	36	55	94	85	40 _{-0,012}	28 _{-0,12}	35	M35 x 1.5	135	45	7°	2,0
100	80	CGA 45	R900303129	46	70	116	105	50 _{-0,012}	35 _{-0,12}	40	M45 x 1.5	168	55	7°	3,3
125	100	CGA 58	R900303130	59	87	130	130	60 _{-0,015}	44 _{-0,15}	50	M58 x 1.5	200	65	7°	5,5
140	125	CGA 65	R900303131	66	93	154	150	70 _{-0,015}	49 _{-0,15}	55	M65 x 1.5	232	75	6°	8,6
160	140	CGA 80	R900303132	81	125	176	170	80 _{-0,015}	55 _{-0,15}	60	M80 x 2	265	80	6°	12,2
180	160	CGA 100	R900303133	101	143	206	210	90 _{-0,020}	60 _{-0,20}	65	M100 x 2	323	90	6°	21,5
200	180	CGA 110	R900303134	111	153	230	235	100 _{-0,020}	70 _{-0,20}	70	M110 x 2	360	105	7°	27,5
220	200	CGA 120	R900303135	125	176	265	265	110 _{-0,020}	70 _{-0,20}	80	M120 x 3	407,5	115	6°	40,7
250	220	CGA 120	R900303135	125	176	265	265	110 _{-0,020}	70 _{-0,20}	80	M120 x 3	407,5	115	6°	40,7
280	250	CGA 130	R900303136	135	188	340	310	120 _{-0,020}	85 _{-0,20}	90	M130 x 3	-	140	6°	76,4
320	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes

AL = Piston Ø

1) = Grease nipple, cone head form A according to DIN 71412

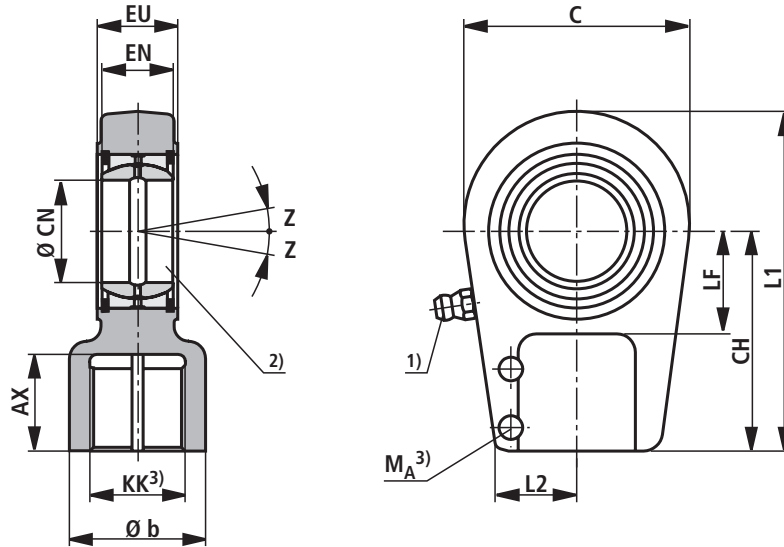
2) = Associated pin Ø m6;
Associated pin Ø j6 in case of maintenance-free self-aligning bearing

3) = The self-aligning clevis must always be screwed to
the piston rod thread stop

4) m = Weight of the self-aligning clevis

Self-aligning clevis CGAK (dimensions in mm)

AL-Ø 40-280 mm



Series		Type	Material no.	AX	b Ø	C	CH	CN Ø	EN	EU	KK	L1	L2	LF	Z	$M_A^{3)}$ Nm	$m^{4)}$ kg
CDH1 AL Ø	CDH3 AL Ø																
40	-	CGAK 16	R900303162	17	28	56	50	25 _{-0,010}	20 _{-0,12}	23	M16 x 1.5	80	20	25	8°	9	0,43
50	40	CGAK 22	R900303163	23	34	64	60	30 _{-0,010}	22 _{-0,12}	28	M22 x 1.5	94	22	30	7°	20	0,7
63	50	CGAK 28	R900303164	29	44	78	70	35 _{-0,012}	25 _{-0,12}	30	M28 x 1.5	112	27	40	7°	20	1,1
80	63	CGAK 35	R900303165	36	55	94	85	40 _{-0,012}	28 _{-0,12}	35	M35 x 1.5	135	35	45	7°	40	2,0
100	80	CGAK 45	R900303166	46	70	116	105	50 _{-0,012}	35 _{-0,12}	40	M45 x 1.5	168	42	55	7°	80	3,3
125	100	CGAK 58	R900303167	59	87	130	130	60 _{-0,015}	44 _{-0,15}	50	M58 x 1.5	200	54	65	7°	160	5,5
140	125	CGAK 65	R900303168	66	93	154	150	70 _{-0,015}	49 _{-0,15}	55	M65 x 1.5	232	57	75	6°	160	8,6
160	140	CGAK 80	R900303169	81	125	176	170	80 _{-0,015}	55 _{-0,15}	60	M80 x 2	265	66	80	6°	160	12,2
180	160	CGAK 100	R900321655	101	143	206	210	90 _{-0,020}	60 _{-0,20}	65	M100 x 2	323	76	90	6°	160	21,5
200	180	CGAK 110	R900321691	111	153	230	235	100 _{-0,020}	70 _{-0,20}	70	M110 x 2	360	85	105	7°	300	27,5
220	200	CGAK 120	R900321621	125	176	265	265	110 _{-0,020}	70 _{-0,20}	80	M120 x 3	407,5	96	115	6°	500	40,7
250	220	CGAK 120	R900321621	125	176	265	265	110 _{-0,020}	70 _{-0,20}	80	M120 x 3	407,5	96	115	6°	500	40,7
280	250	CGAK130	R900322015	135	188	340	310	120 _{-0,020}	85 _{-0,20}	90	M130 x 3	490	112	140	6°	1000	76,4
320	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes

AL = Piston Ø

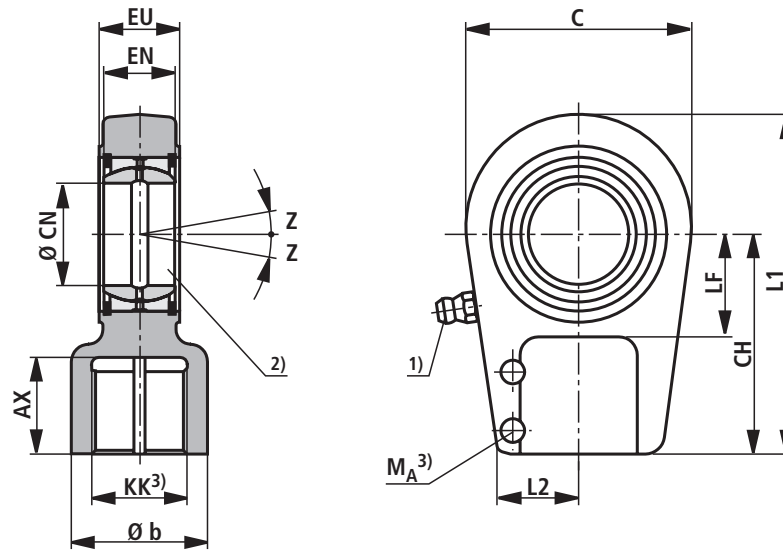
1) = Grease nipple, cone head form A according to DIN 71412

2) = Associated pin Ø m6;
Associated pin Ø j6 in case of maintenance-free self-aligning bearing3) M_A = Tightening torque

The self-aligning clevis must always be screwed to the piston rod thread stop. Subsequently, the clamping screws have to be tightened to the specified torque.

4) m = Weight of the self-aligning clevis

Self-aligning clevis CGAS (dimensions in mm)



Series		Type	Material no.	AX	b Ø	C	CH	CN Ø	EN	EU	KK	L1	L2	LF	Z	M _A ³⁾ Nm	m ⁴⁾ kg
CDH1 AL Ø	CDH3 AL Ø																
40	-	CGAS 25	R900303137	30	28	56	65	25 _{-0,010}	20 _{-0,12}	23	M18 x 2	95	24	25	8°	20	0,65
50	40	CGAS 30	R900303138	35	34	64	75	30 _{-0,010}	22 _{-0,12}	28	M24 x 2	109	28	30	7°	20	1,0
63	50	CGAS 35	R900303139	46	44	78	90	35 _{-0,012}	25 _{-0,12}	30	M30 x 2	132	35	40	7°	40	1,5
80	63	CGAS 40	R900303140	56	55	94	105	40 _{-0,012}	28 _{-0,12}	35	M39 x 3	155	39	45	7°	80	2,4
100	80	CGAS 50	R900303141	76	70	116	135	50 _{-0,012}	35 _{-0,12}	40	M50 x 3	198	45	55	7°	80	4,8
125	100	CGAS 60	R900303142	96	87	130	170	60 _{-0,015}	44 _{-0,15}	50	M64 x 3	240	59	65	7°	160	8,6
140	125	CGAS 70	R900303143	112	105	154	195	70 _{-0,015}	49 _{-0,15}	55	M80 x 3	278	69	75	6°	160	12,2
160	140	CGAS 80	R900303144	122	125	176	210	80 _{-0,015}	55 _{-0,15}	60	M90 x 3	305	84	80	6°	300	18,4
180	160	CGAS 90	R900303145	142	150	206	250	90 _{-0,020}	60 _{-0,20}	65	M100 x 3	363	90	90	5°	300	31,6
200	180	CGAS 100	R900303146	152	170	230	275	100 _{-0,020}	70 _{-0,20}	70	M110 x 4	400	94	105	7°	300	34
220	200	CGAS 110	R900303147	162	180	265	300	110 _{-0,020}	70 _{-0,20}	80	M120 x 4	442,5	105	115	6°	500	44
250	220	CGAS 110	R900303147	162	180	265	300	110 _{-0,020}	70 _{-0,20}	80	M120 x 4	442,5	105	115	6°	500	44
280	250	CGAS120	R900303148	192	210	340	360	120 _{-0,020}	85 _{-0,20}	90	M150 x 4	540	120	140	6°	500	75
320	280	CGAS140	R900317314	210	230	380	420	140 _{-0,025}	90 _{-0,25}	110	M160 x 4	620	128	185	7°	1000	160
-	320	CGAS160	R900303149	280	260	480	460	160 _{-0,025}	105 _{-0,25}	110	M180 x 4	710	145	200	8°	1000	235

Notes

AL = Piston Ø

1) = Grease nipple, cone head form A according to DIN 71412

2) = Associated pin Ø m6;
Associated pin Ø j6 in case of maintenance-free self-aligning bearing

3) M_A = Tightening torque
The self-aligning clevis must always be screwed to the piston rod thread stop. Subsequently, the clamping screws have to be tightened to the specified torque.

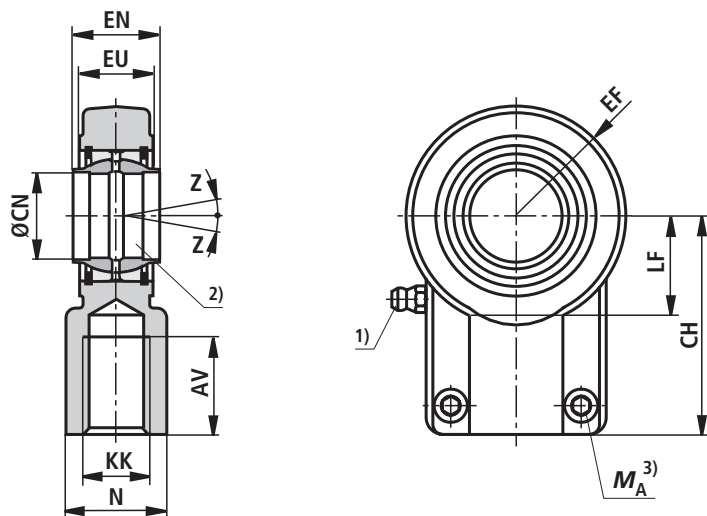
4) m = Weight of the self-aligning clevis

Self-aligning clevis CGKD

ISO 6982

DIN 24338

ISO 8132

AL = Piston \varnothing MM = Piston rod \varnothing

1) = Grease nipple, cone head form A according to DIN 71412

2) = Associated pin $\varnothing r6$

3) = The self-aligning clevis must always be screwed to the piston rod thread stop. Subsequently, the clamping screws have to be tightened to the specified torque.

4) = Weight of the self-aligning clevis

5) = Bearing may not be subsequently lubricated

6) = Self-aligning clevis for piston rod end **G** (ISO 6020/1)7) = Self-aligning clevis for piston rod end **H** (VW standard VW 39 D920)**Note:**

The geometry and dimensions may vary depending on the make.

For combination with other mounting elements, the usability must be verified.

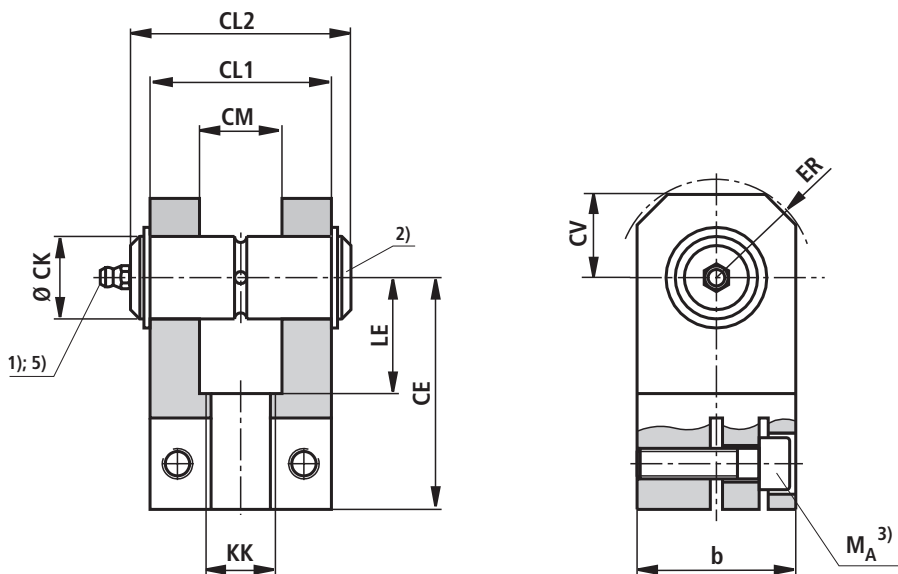
Self-aligning clevis CGKD (dimensions in mm)

Series CDH2		Series CDM1...2X		Type	Material no.	Nominal force N	AV min.	N max.	CH js13	EF max.	CN H7	EN h12	EU max.
AL Ø	MM Ø	AL Ø	MM Ø										
-	-	25 ⁵⁾	14 ⁶⁾ / 18 ⁷⁾	CGKD 12	R900540998	8.000	17	19	38	16,5	12	12	11
-	-	25 32	18 ⁶⁾ 18 ⁶⁾ / 22 ⁷⁾	CGKD 16	R900308559	12.500	19	22	44	20,5	16	16	14
-	-	32 40	22 ⁶⁾ 22 ⁶⁾ / 28 ⁷⁾	CGKD 20	R900308576	20.000	23	28	52	25	20	20	17,5
40	25 / 28	40 50	28 ⁶⁾ 28 ⁶⁾ / 36 ⁷⁾	CGKD 25	R900323332	32.000	29	31	65	32	25	25	22
50	32 / 36	50 63	36 ⁶⁾ 36 ⁶⁾ / 45 ⁷⁾	CGKD 32	R900322049	50.000	37	38	80	40	32	32	28
63	40 / 45	63 80	45 ⁶⁾ 45 ⁶⁾ / 56 ⁷⁾	CGKD 40	R900322029	80.000	46	47	97	50	40	40	34
80	50 / 56	80 100	56 ⁶⁾ 56 ⁶⁾ / 70 ⁷⁾	CGKD 50	R900322719	125.000	57	58	120	63	50	50	42
100	63 / 70	100 125	70 ⁶⁾ 70 ⁶⁾ / 90 ⁷⁾	CGKD 63	R900322028	200.000	64	70	140	72,5	63	63	53,5
125	80 / 90	125 160	90 ⁶⁾ 90 ⁶⁾ / 110 ⁷⁾	CGKD 80	R900322700	320.000	86	91	180	92	80	80	68
140	90 / 100	-	-	CGKD 90	R900325702	400.000	91	100	195	101	90	90	72
160	100 / 110	160 200	110 ⁶⁾ 110 ⁶⁾ / 140 ⁷⁾	CGKD 100	R900322030	500.000	96	110	210	114	100	100	85,5
180	110 / 125	-	-	CGKD 110	R900308153	635.000	106	125	235	129	110	110	88
200	125 / 140	200	140 ⁶⁾	CGKD 125	R900322026	800.000	113	135	260	160	125	125	105
220	140 / 160	-	-	CGKD 160	R900300718	1.520.000	126	165	310	200	160	160	133
250	160 / 180	-	-	CGKD 160	R900300718	1.520.000	126	165	310	200	160	160	133
280	180 / 200	-	-	CGKD 200	R900324814	2.000.000	161	215	390	250	200	200	165
320	200 / 220	-	-	CGKD 200	R900324814	2.000.000	161	215	390	250	200	200	165

Series CDH2		Series CDM1...2X		Type	KK	LF min.	Z	Clamping screw ISO 4762-10.9	$M_A^{3)}$ Nm	$m^{4)}$ kg
AL Ø	MM Ø	AL Ø	MM Ø							
-	-	25 ⁵⁾	14 ⁶⁾ / 18 ⁷⁾	CGKD 12	M12 x 1.25	13	2°	M5 x 16	6	0,1
-	-	25 32	18 ⁶⁾ 18 ⁶⁾ / 22 ⁷⁾	CGKD 16	M14 x 1.5	16,5	2°	M6 x 14	10	0,2
-	-	32 40	22 ⁶⁾ 22 ⁶⁾ / 28 ⁷⁾	CGKD 20	M16 x 1.5	20,5	2°	M8 x 20	25	0,35
40	25 / 28	40 50	28 ⁶⁾ 28 ⁶⁾ / 36 ⁷⁾	CGKD 25	M20 x 1.5	25,5	2°	M8 x 20	25	0,65
50	32 / 36	50 63	36 ⁶⁾ 36 ⁶⁾ / 45 ⁷⁾	CGKD 32	M27 x 2	30	4°	M10 x 25	49	1,15
63	40 / 45	63 80	45 ⁶⁾ 45 ⁶⁾ / 56 ⁷⁾	CGKD 40	M33 x 2	39	4°	M10 x 30	49	2,1
80	50 / 56	80 100	56 ⁶⁾ 56 ⁶⁾ / 70 ⁷⁾	CGKD 50	M42 x 2	47	4°	M12 x 35	86	4
100	63 / 70	100 125	70 ⁶⁾ 70 ⁶⁾ / 90 ⁷⁾	CGKD 63	M48 x 2	58	4°	M16 x 40	210	7,2
125	80 / 90	125 160	90 ⁶⁾ 90 ⁶⁾ / 110 ⁷⁾	CGKD 80	M64 x 3	74	4°	M20 x 50	410	15
140	90 / 100	-	-	CGKD 90	M72 x 3	85	4°	M20 x 60	410	19
160	100 / 110	160 200	110 ⁶⁾ 110 ⁶⁾ / 140 ⁷⁾	CGKD 100	M80 x 3	94	4°	M24 x 60	710	25,5
180	110 / 125	-	-	CGKD 110	M90 x 3	105	4°	M24 x 60	710	36,5
200	125 / 140	200	140 ⁶⁾	CGKD 125	M100 x 3	116	4°	M24 x 70	710	52,5
220	140 / 160	-	-	CGKD 160	M125 x 4	145	4°	M24 x 80	710	82,5
250	160 / 180	-	-	CGKD 160	M125 x 4	145	4°	M24 x 80	710	82,5
280	180 / 200	-	-	CGKD 200	M160 x 4	190	4°	M30 x 100	1500	168
320	200 / 220	-	-	CGKD 200	M160 x 4	190	4°	M30 x 100	1500	168

Fork clevis CCKB

ISO 8132



AL = Piston \varnothing

MM = Piston rod \varnothing

1) = Grease nipple, cone head form A according to DIN 71412

2) = Associated pin \varnothing m6
(pins and pin securing rings are included within the scope of supply and not mounted at the point in time of the supply)

3) M_A = Tightening torque
The fork clevis must always be screwed to the piston rod thread stop. Subsequently, the clamping screws have to be tightened to the specified torque.

4) m = Weight of the fork clevis

5) = Without lubricating hole

6) = Fork clevis for piston rod end **G** (ISO 6020/1)

7) = Fork clevis for piston rod end **H**
(VW standard VW 39 D920)

8) = Upon request

Note:

The geometry and dimensions may vary depending on the make.

For combination with other mounting elements, the usability must be verified.

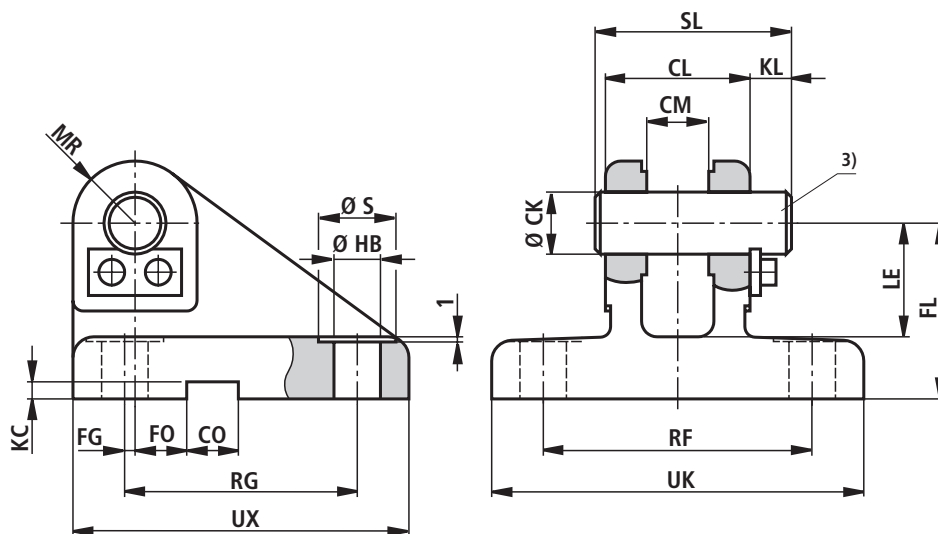
Fork clevis CCKB (dimensions in mm)

Series CDH2		Series CDM1...2X		Type	Material no.	Nominal force N	b max.	CE js13	CK H9	CL1 h16	CL2 max.	CM A13	ER max.
AL Ø	MM Ø	AL Ø	MM Ø										
-	-	25 ⁵⁾	14 ⁶⁾ / 18 ⁷⁾	CCKB 12	R900542842	8.000	25	38	12	28	49	12	16
-	-	25 32	18 ⁶⁾ 18 ⁶⁾ / 22 ⁷⁾	CCKB 16	R900542843	12.500	30	44	16	36	57	16	20
-	-	32 40	22 ⁶⁾ 22 ⁶⁾ / 28 ⁷⁾	CCKB 20	R900542844	20.000	40	52	20	45	72	20	25
40	25 / 28	40 50	28 ⁶⁾ 28 ⁶⁾ / 36 ⁷⁾	CCKB 25	R900542845	32.000	50	65	25	56	84	25	32
50	32 / 36	50 63	36 ⁶⁾ 36 ⁶⁾ / 45 ⁷⁾	CCKB 32	R900542846	50.000	65	80	32	70	105	32	40
63	40 / 45	63 80	45 ⁶⁾ 45 ⁶⁾ / 56 ⁷⁾	CCKB 40	R900542847	80.000	80	97	40	90	133	40	50
80	50 / 56	80 100	56 ⁶⁾ 56 ⁶⁾ / 70 ⁷⁾	CCKB 50	R900542848	125.000	100	120	50	110	165	50	63
100	63 / 70	100 125	70 ⁶⁾ 70 ⁶⁾ / 90 ⁷⁾	CCKB 63	R900542849	200.000	140	140	63	140	185	63	71
125	80 / 90	125 160	90 ⁶⁾ 90 ⁶⁾ / 110 ⁷⁾	CCKB 80	R900542850	320.000	180	180	80	170	225	80	90
140	90 / 100	-	-	CCKB 90	8)	400.000	200	195	90	190	8)	90	100
160	100 / 110	160 200	110 ⁶⁾ 110 ⁶⁾ / 140 ⁷⁾	CCKB 100	8)	500.000	220	210	100	210	8)	100	110

Series CDH2		Series CDM1...2X		Type	KK	LE min.	CV max.	Clamping screw ISO 4762-10.9	$M_A^{3)}$ Nm	$m^{4)}$ kg
AL Ø	MM Ø	AL Ø	MM Ø							
-	-	25 ⁵⁾	14 ⁶⁾ / 18 ⁷⁾	CCKB 12	M12 x 1.25	18	16	M4 x 16	2,9	0,2
-	-	25 32	18 ⁶⁾ 18 ⁶⁾ / 22 ⁷⁾	CCKB 16	M14 x 1.5	22	20	M6 x 20	10	0,35
-	-	32 40	22 ⁶⁾ 22 ⁶⁾ / 28 ⁷⁾	CCKB 20	M16 x 1.5	27	25	M8 x 30	25	0,7
40	25 / 28	40 50	28 ⁶⁾ 28 ⁶⁾ / 36 ⁷⁾	CCKB 25	M20 x 1.5	34	32	M10 x 35	49	1,4
50	32 / 36	50 63	36 ⁶⁾ 36 ⁶⁾ / 45 ⁷⁾	CCKB 32	M27 x 2	42	40	M12 x 40	85	2,8
63	40 / 45	63 80	45 ⁶⁾ 45 ⁶⁾ / 56 ⁷⁾	CCKB 40	M33 x 2	52	50	M16 x 50	210	5,2
80	50 / 56	80 100	56 ⁶⁾ 56 ⁶⁾ / 70 ⁷⁾	CCKB 50	M42 x 2	64	63	M20 x 60	425	9,5
100	63 / 70	100 125	70 ⁶⁾ 70 ⁶⁾ / 90 ⁷⁾	CCKB 63	M48 x 2	75	71	M24 x 80	730	21,5
125	80 / 90	125 160	90 ⁶⁾ 90 ⁶⁾ / 110 ⁷⁾	CCKB 80	M64 x 3	94	90	M30 x 100	1450	38,2
140	90 / 100	-	-	CCKB 90	M72 x 3	109	100	M36 x 120	2480	8)
160	100 / 110	160 200	110 ⁶⁾ 110 ⁶⁾ / 140 ⁷⁾	CCKB 100	M80 x 3	120	110	M36 x 130	2480	8)

Clevis bracket CLCA

ISO 8132, Form B



AL = Piston \varnothing

MM = Piston rod \varnothing

1) = Allocation for mounting on floor

2) = Allocation for mounting on self-aligning clevis CGKD

3) = Associated pin \varnothing m6
(pins and pin securing rings are included within the scope of supply and not mounted at the point in time of the supply)

4) m = Weight of the clevis bracket

6) = Clevis bracketed for piston rod end **G** (ISO 6020/1)

7) = Clevis bracket for piston rod end **H**
(VW standard VW 39 D920)

8) = Upon request

Note:

The geometry and dimensions may vary depending on the make.

For combination with other mounting elements, the usability must be verified.

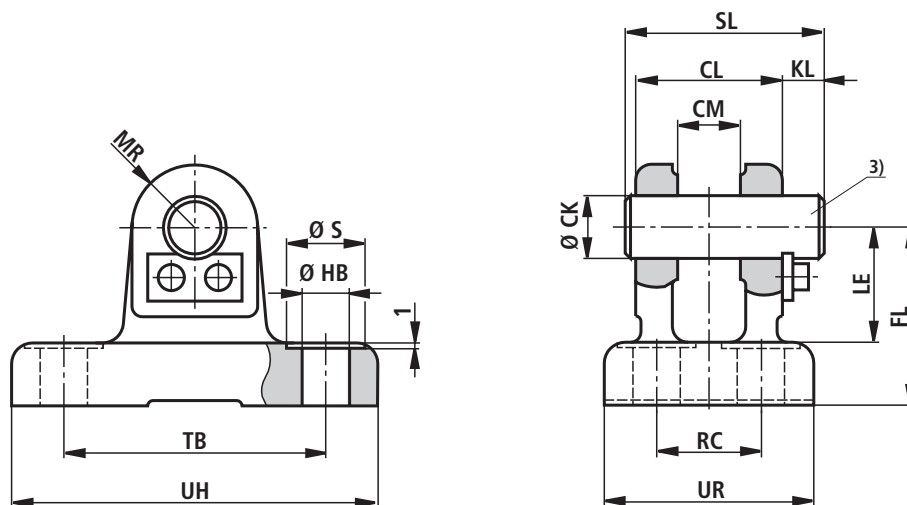
Clevis bracket CLCA (dimensions in mm)

Series CDH2		Series CDM1...2X			Type	Material no.	Nominal force N	CK H9	CL h16	CM A12	CO N9	FG js14	FL js12	FO js14
AL Ø	MM Ø	AL ¹⁾ Ø	AL ²⁾ Ø	MM ²⁾ Ø										
-	-	25	25	14 ⁶⁾ / 18 ⁷⁾	CLCA 12	R900542861	8.000	12	28	12	10	2	34	10
-	-	32	25 32	18 ⁶⁾ 18 ⁶⁾ / 22 ⁷⁾	CLCA 16	R900542862	12.500	16	36	16	16	3,5	40	10
-	-	40	32 40	22 ⁶⁾ 22 ⁶⁾ / 28 ⁷⁾	CLCA 20	R900542863	20.000	20	45	20	16	7,5	45	10
40	25 / 28	50	40 50	28 ⁶⁾ 28 ⁶⁾ / 36 ⁷⁾	CLCA 25	R900542864	32.000	25	56	25	25	10	55	10
50	32 / 36	63	50 63	36 ⁶⁾ 36 ⁶⁾ / 45 ⁷⁾	CLCA 32	R900542865	50.000	32	70	32	25	14,5	65	6
63	40 / 45	80	63 80	45 ⁶⁾ 45 ⁶⁾ / 56 ⁷⁾	CLCA 40	R900542866	80.000	40	90	40	36	17,5	76	6
80	50 / 56	100	80 100	56 ⁶⁾ 56 ⁶⁾ / 70 ⁷⁾	CLCA 50	R900542867	125.000	50	110	50	36	25	95	0
100	63 / 70	125	100 125	70 ⁶⁾ 70 ⁶⁾ / 90 ⁷⁾	CLCA 63	R900542868	200.000	63	140	63	50	33	112	0
125	80 / 90	160	125 160	90 ⁶⁾ 90 ⁶⁾ / 110 ⁷⁾	CLCA 80	R900542869	320.000	80	170	80	50	45	140	0
140	90 / 100	-	-	-	CLCA 90	8)	400.000	90	190	90	63	47,5	160	0
160	100 / 110	200	160 200	110 ⁶⁾ 110 ⁶⁾ / 140 ⁷⁾	CLCA 100	8)	500.000	100	210	100	63	52,5	180	0
180	110 / 125	-	-	-	CLCA 110	8)	635.000	110	240	110	80	62,5	200	0
200	125 / 140	-	200	140 ⁶⁾	CLCA 125	8)	800.000	125	270	125	80	75	230	0

Series CDH2		Series CDM1...2X			Type	HB H13	KC +0,3	KL	LE min.	MR max.	RF js14	RG js14	S	SL	UK max.	UX max.	m ⁴⁾ kg
AL Ø	MM Ø	AL ¹⁾ Ø	AL ²⁾ Ø	MM ²⁾ Ø													
-	-	25	25	14 ⁶⁾ / 18 ⁷⁾	CLCA 12	9	3,3	8	22	12	52	45	15	38	72	65	0,45
-	-	32	25 32	18 ⁶⁾ 18 ⁶⁾ / 22 ⁷⁾	CLCA 16	11	4,3	8	27	16	65	55	18	46	90	80	1
-	-	40	32 40	22 ⁶⁾ 22 ⁶⁾ / 28 ⁷⁾	CLCA 20	11	4,3	10	30	20	75	70	18	58	100	95	1,5
40	25 / 28	50	40 50	28 ⁶⁾ 28 ⁶⁾ / 36 ⁷⁾	CLCA 25	13,5	5,4	10	37	25	90	85	20	69	120	115	3
50	32 / 36	63	50 63	36 ⁶⁾ 36 ⁶⁾ / 45 ⁷⁾	CLCA 32	17,5	5,4	13	43	32	110	110	26	87	145	145	5
63	40 / 45	80	63 80	45 ⁶⁾ 45 ⁶⁾ / 56 ⁷⁾	CLCA 40	22	8,4	16	52	40	140	125	33	110	185	170	9,6
80	50 / 56	100	80 100	56 ⁶⁾ 56 ⁶⁾ / 70 ⁷⁾	CLCA 50	26	8,4	19	65	50	165	150	40	133	215	200	15,5
100	63 / 70	125	100 125	70 ⁶⁾ 70 ⁶⁾ / 90 ⁷⁾	CLCA 63	33	11,4	20	75	63	210	170	48	164	270	230	27,5
125	80 / 90	160	125 160	90 ⁶⁾ 90 ⁶⁾ / 110 ⁷⁾	CLCA 80	39	11,4	26	95	80	250	210	57	202	320	280	47
140	90 / 100	-	-	-	CLCA 90	45	12,4	28	108	90	280	235	66	224	360	320	8)
160	100 / 110	200	160 200	110 ⁶⁾ 110 ⁶⁾ / 140 ⁷⁾	CLCA 100	52	12,4	30	120	100	315	250	76	246	405	345	8)
180	110 / 125	-	-	-	CLCA 110	52	15,4	31	138	110	335	305	76	277	425	400	8)
200	125 / 140	-	200	140 ⁶⁾	CLCA 125	52	15,4	32	170	125	365	350	76	310	455	450	8)

Clevis bracket CLCD

ISO 8132, Form A



AL = Piston \varnothing

MM = Piston rod \varnothing

1) = Allocation for mounting on floor

2) = Allocation for mounting on self-aligning clevis CGKD

3) = Associated pin \varnothing m6
(pins and pin securing rings are included within the scope of supply and not mounted at the point in time of the supply)

4) m = Weight of the clevis bracket

6) = Clevis bracketed for piston rod end **G** (ISO 6020/1)

7) = Clevis bracket for piston rod end **H**
(VW standard VW 39 D920)

8) = Upon request

Note:

The geometry and dimensions may vary depending on the make.

For combination with other mounting elements, the usability must be verified.

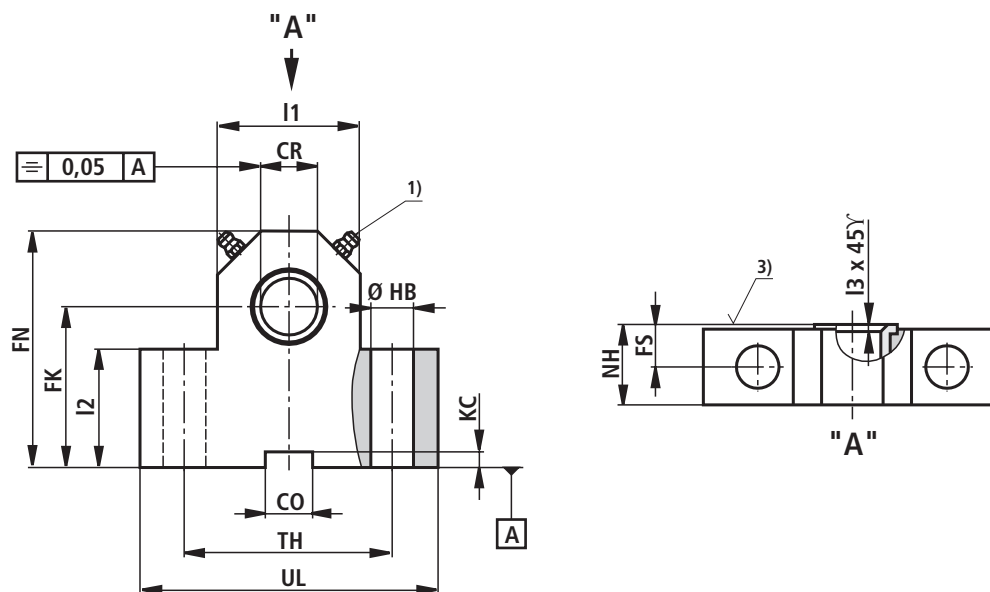
Clevis bracket CLCD (dimensions in mm)

Series CDH2		Series CDM1...2X			Type	Material no.	Nominal force N	CK H9	CL h16	CM A12	FL js12	HB H13	KL
AL Ø	MM Ø	AL ¹⁾ Ø	AL ²⁾ Ø	MM ²⁾ Ø									
-	-	25	25	14 ⁶⁾ / 18 ⁷⁾	CLCD 12	R900542879	8.000	12	28	12	34	9	8
-	-	32	25 32	18 ⁶⁾ 18 ⁶⁾ / 22 ⁷⁾	CLCD 16	R900542880	12.500	16	36	16	40	11	8
-	-	40	32 40	22 ⁶⁾ 22 ⁶⁾ / 28 ⁷⁾	CLCD 20	R900542881	20.000	20	45	20	45	11	10
40	25 / 28	50	40 50	28 ⁶⁾ 28 ⁶⁾ / 36 ⁷⁾	CLCD 25	R900542882	32.000	25	56	25	55	13,5	10
50	32 / 36	63	50 63	36 ⁶⁾ 36 ⁶⁾ / 45 ⁷⁾	CLCD 32	R900542883	50.000	32	70	32	65	17,5	13
63	40 / 45	80	63 80	45 ⁶⁾ 45 ⁶⁾ / 56 ⁷⁾	CLCD 40	R900542884	80.000	40	90	40	76	22	16
80	50 / 56	100	80 100	56 ⁶⁾ 56 ⁶⁾ / 70 ⁷⁾	CLCD 50	R900542885	125.000	50	110	50	95	26	19
100	63 / 70	125	100 125	70 ⁶⁾ 70 ⁶⁾ / 90 ⁷⁾	CLCD 63	R900542886	200.000	63	140	63	112	33	20
125	80 / 90	160	125 160	90 ⁶⁾ 90 ⁶⁾ / 110 ⁷⁾	CLCD 80	R900542887	320.000	80	170	80	140	39	26
140	90 / 100	-	-	-	CLCD 90	8)	400.000	90	190	90	160	45	28
160	100 / 110	200	160 200	110 ⁶⁾ 110 ⁶⁾ / 140 ⁷⁾	CLCD 100	8)	500.000	100	210	100	180	52	30
180	110 / 125	-	-	-	CLCD 110	8)	635.000	110	240	110	200	52	31
200	125 / 140	-	200	140 ⁶⁾	CLCD 125	8)	800.000	125	270	125	230	52	32

Series CDH2		Series CDM1...2X			Type	LE min.	MR max.	RC js14	S	SL	TB js14	UR max.	UH max.	m ⁴⁾ kg
AL Ø	MM Ø	AL ¹⁾ Ø	AL ²⁾ Ø	MM ²⁾ Ø										
-	-	25	25	14 ⁶⁾ / 18 ⁷⁾	CLCD 12	22	12	20	15	38	50	40	70	0,35
-	-	32	25 32	18 ⁶⁾ 18 ⁶⁾ / 22 ⁷⁾	CLCD 16	27	16	26	18	46	65	50	90	0,7
-	-	40	32 40	22 ⁶⁾ 22 ⁶⁾ / 28 ⁷⁾	CLCD 20	30	20	32	18	58	75	58	98	0,95
40	25 / 28	50	40 50	28 ⁶⁾ 28 ⁶⁾ / 36 ⁷⁾	CLCD 25	37	25	40	20	69	85	70	113	1,9
50	32 / 36	63	50 63	36 ⁶⁾ 36 ⁶⁾ / 45 ⁷⁾	CLCD 32	43	32	50	26	87	110	85	143	3
63	40 / 45	80	63 80	45 ⁶⁾ 45 ⁶⁾ / 56 ⁷⁾	CLCD 40	52	40	65	33	110	130	108	170	5,5
80	50 / 56	100	80 100	56 ⁶⁾ 56 ⁶⁾ / 70 ⁷⁾	CLCD 50	65	50	80	40	133	170	130	220	10,6
100	63 / 70	125	100 125	70 ⁶⁾ 70 ⁶⁾ / 90 ⁷⁾	CLCD 63	75	63	100	48	164	210	160	270	17
125	80 / 90	160	125 160	90 ⁶⁾ 90 ⁶⁾ / 110 ⁷⁾	CLCD 80	95	80	125	57	202	250	210	320	32
140	90 / 100	-	-	-	CLCD 90	108	90	140	66	224	290	230	370	8)
160	100 / 110	200	160 200	110 ⁶⁾ 110 ⁶⁾ / 140 ⁷⁾	CLCD 100	120	100	160	76	246	315	260	400	8)
180	110 / 125	-	-	-	CLCD 110	138	110	180	76	277	350	290	445	8)
200	125 / 140	-	200	140 ⁶⁾	CLCD 125	170	125	200	76	310	385	320	470	8)

Trunnion bracket CLTB

ISO 8132



AL = Piston \varnothing

1) = Grease nipple, cone head form A according to DIN 71412

2) m = Weight of the trunnion bracket (indication per pair)

3) = Contact surface of the trunnion (inside face)

4) = Mounting blocks are always supplied in pairs

8) = Upon request

Note

Mounting blocks for piston $\varnothing 160$ and 200 mm

In case of replacement parts (Series 1X), the dimensions are different.

Please consult us!

The geometry and dimensions may vary depending on the make.

For combination with other mounting elements, the usability must be verified.

Trunnion bracket CLTB (dimensions in mm)

Series CDH2 AL Ø	Series CDM1...2X AL Ø	Type	Material no.	Nominal force N	CR H7	CO N9	FK js12	FN max.	FS js14	HB H13	KC +0,3
-	25	CLTB 12	R900772607 ⁴⁾	8.000	12	10	34	50	8	9	3,3
-	32	CLTB 16	R900772608 ⁴⁾	12.500	16	16	40	60	10	11	4,3
-	40	CLTB 20	R900772609 ⁴⁾	20.000	20	16	45	70	10	11	4,3
40	50	CLTB 25	R900772610 ⁴⁾	32.000	25	25	55	80	12	13,5	5,4
50	63	CLTB 32	R900772611 ⁴⁾	50.000	32	25	65	100	15	17,5	5,4
63	80	CLTB 40	R900772612 ⁴⁾	80.000	40	36	76	120	16	22	8,4
80	100	CLTB 50	R900772613 ⁴⁾	125.000	50	36	95	140	20	26	8,4
100	125	CLTB 63	R900772614 ⁴⁾	200.000	63	50	112	180	25	33	11,4
125	160	CLTB 80	R900772615 ⁴⁾	320.000	80	50	140	220	31	39	11,4
140	-	CLTB 90	8); 4)	385.000	90	63	160	250	40	45	12,4
160	200	CLTB 100	8); 4)	500.000	100	63	180	280	45	52	12,4
180	-	CLTB 110	8); 4)	630.000	110	80	200	310	50	52	15,4
200	-	CLTB 125	8); 4)	785.000	125	80	220	345	56	45	15,4

Series CDH2 AL Ø	Series CDM1...2X AL Ø	Type	I1	I2	I3	NH max.	TH js14	UL max.	m ²⁾ kg
-	25	CLTB 12	24	25	1	17	40	63	0,4
-	32	CLTB 16	31	30	1	21	50	80	0,85
-	40	CLTB 20	41	38	1,5	21	60	90	1,2
40	50	CLTB 25	56	45	1,5	26	80	110	2,1
50	63	CLTB 32	70	52	2	33	110	150	4,55
63	80	CLTB 40	88	60	2,5	41	125	170	7,3
80	100	CLTB 50	105	75	2,5	51	160	210	14,5
100	125	CLTB 63	130	85	3	61	200	265	23,1
125	160	CLTB 80	170	112	3,5	81	250	325	52,3
140	-	CLTB 90	8)	8)	3,5	91	265	345	8)
160	200	CLTB 100	215	8)	3,5	102	295	385	8)
180	-	CLTB 110	8)	8)	8)	112	320	410	8)
200	-	CLTB 125	8)	8)	8)	132	385	570	8)

Notes

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