

Mountings

Flange MF1 / MF2 ①



Foot brackets MS1 ②



Pivot bracket with rigid bearing AB7 ③



Swivel eye bracket MP6 ④



Clevis bracket MP2 ⑤



Ø32	P1C-4KMB	P1C-4KMF	P1C-4KMDB	P1C-4KMSB	P1C-4KMTB
Ø40	P1C-4LMB	P1C-4LMF	P1C-4LMDB	P1C-4LMSB	P1C-4LMTB
Ø50	P1C-4MMB	P1C-4MMF	P1C-4MMDB	P1C-4MMSB	P1C-4MMTB
Ø63	P1C-4NMB	P1C-4NMF	P1C-4NMDB	P1C-4NMSB	P1C-4NMTB
Ø80	P1C-4PMB	P1C-4PMF	P1C-4PMDB	P1C-4PMSB	P1C-4PMTB
Ø100	P1C-4QMB	P1C-4QMF	P1C-4QMDB	P1C-4QMSB	P1C-4QMTB
Ø125	P1C-4RMB	P1C-4RMF	P1C-4RMDB	P1C-4RMSB	P1C-4RMTB

Clevis bracket MP4 ⑥



Clevis bracket AB6 ⑦



Pivot bracket with swivel bearing CS7 ⑧



3 and 4 position flange JP1 ⑨



Pivot brackets AT4 ⑩



Ø32	P1C-4KMEB	P1C-4KMCEB	P1C-4KMAF	P1E-6KB0	9301054261
Ø40	P1C-4LMEB	P1C-4LMCEB	P1C-4LMAF	P1E-6LB0	9301054262
Ø50	P1C-4MMEB	P1C-4MMCEB	P1C-4MMAF	P1E-6MB0	9301054262
Ø63	P1C-4NMEB	P1C-4NMCEB	P1C-4NMAF	P1E-6NB0	9301054264
Ø80	P1C-4PMEB	P1C-4PMCEB	P1C-4PMAF	P1E-6PB0	9301054264
Ø100	P1C-4QMEB	P1C-4QMCEB	P1C-4QMAF	P1E-6QB0	9301054266
Ø125	P1C-4RMEB	P1C-4RMCEB	P1C-4RMAF		9301054266

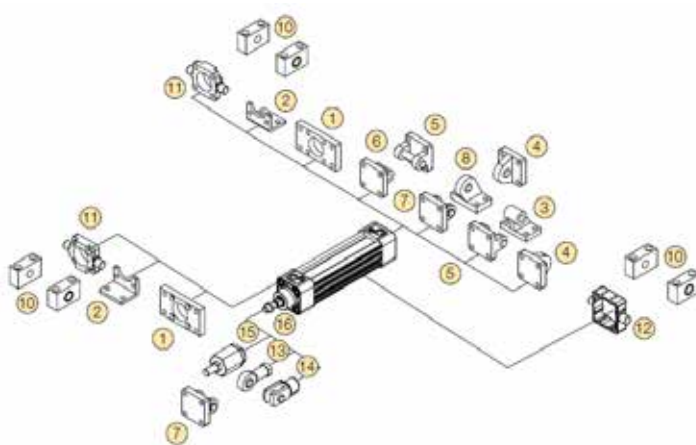
Flange trunnion MT5/MT6 ⑪



Intermediate trunnion MT4 ⑫



Ø32	P1D-4KMYF	refer to page 34
Ø40	P1D-4LMYF	refer to page 34
Ø50	P1D-4MMYF	refer to page 34
Ø63	P1D-4NMYF	refer to page 34
Ø80	P1D-4PMYF	refer to page 34
Ø100	P1D-4QMYF	refer to page 34
Ø125		refer to page 34



Nut MR9 (pack of 10) ⑬

Zinc plated steel



Stainless steel



Swivel rod eye AP6 ⑬



Clevis AP2 ⑭



Flexo coupling PM5 ⑮



Ø32	P14-4KRPZ	P14-4KRPS	P1C-4KRS	P1C-4KRC	P1C-4KRF
Ø40	P14-4LRPZ	P14-4LRPS	P1C-4LRS	P1C-4LRC	P1C-4LRF
Ø50	P14-4MRPZ	P14-4MRPS	P1C-4MRS	P1C-4MRC	P1C-4MRF
Ø63	P14-4MRPZ	P14-4MRPS	P1C-4MRS	P1C-4MRC	P1C-4MRF
Ø80	P14-4PRPZ	P14-4PRPS	P1C-4PRS	P1C-4PRC	P1C-4PRF
Ø100	P14-4PRPZ	P14-4PRPS	P1C-4PRS	P1C-4PRC	P1C-4PRF
Ø125	P14-4RRPZ	P14-4RRPS	P1C-4RRS	P1C-4RRC	P1C-4RRF

Mountings

Flange MF1/MF2 * ①



Foot brackets MS1** ②



Pivot bracket with rigid bearing AB7 ③



Swivel eye bracket MP6 ④



Clevis bracket MP2 ⑤



Ø32	P1C-4KMB	P1F-4KMHF	P1C-4KMDB	P1C-4KMSB	P1C-4KMTB
Ø40	P1C-4LMB	P1F-4LMHF	P1C-4LMDB	P1C-4LMSB	P1C-4LMTB
Ø50	P1C-4MMB	P1F-4MMHF	P1C-4MMDB	P1C-4MMSB	P1C-4MMTB
Ø63	P1C-4NMB	P1F-4NMHF	P1C-4NMDB	P1C-4NMSB	P1C-4NMTB
Ø80	P1C-4PMB	P1F-4PMHF	P1C-4PMDB	P1C-4PMSB	P1C-4PMTB
Ø100	P1C-4QMB	P1F-4QMHF	P1C-4QMDB	P1C-4QMSB	P1C-4QMTB

Clevis bracket MP4 ⑥



Clevis bracket AB6 ⑦



Pivot bracket with swivel bearing CS7 ⑧



3 and 4 position flange JP1 ⑨



Pivot brackets AT4 ⑩



Ø32	P1C-4KMEB	P1C-4KMxCB	P1C-4KMAF	P1E-6KB0	9301054261
Ø40	P1C-4LMEB	P1C-4LMxCB	P1C-4LMAF	P1E-6LB0	9301054262
Ø50	P1C-4MMEB	P1C-4MMxCB	P1C-4MMAF	P1E-6MB0	9301054262
Ø63	P1C-4NMEB	P1C-4NMxCB	P1C-4NMAF	P1E-6NB0	9301054264
Ø80	P1C-4PMEB	P1C-4PMxCB	P1C-4PMAF	P1E-6PB0	9301054264
Ø100	P1C-4QMEB	P1C-4QMxCB	P1C-4QMAF	P1E-6QB0	9301054266

Flange trunnion MT5/MT6 * ⑪



Intermediate trunnion MT4 ⑫



Ø32	P1D-4KMYF	refer to page 34
Ø40	P1D-4LMYF	refer to page 34
Ø50	P1D-4MMYF	refer to page 34
Ø63	P1D-4NMYF	refer to page 34
Ø80	P1D-4PMYF	refer to page 34
Ø100	P1D-4QMYF	refer to page 34

* only on rear end cap, ** specific to Twin Rods cylinders

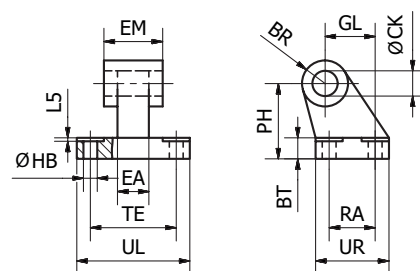
Pivot Bracket with Rigid Bearing - AB7



Intended for flexible mounting of cylinder. The pivot bracket can be combined with clevis bracket MP2.

Materials:

Pivot bracket: Aluminium (no surface treatment)
Bush: Steel and PTFE



According to ISO 15552

Cyl.-bore	CK	HB	L5	TE	UL	GL	RA	EA	EM	UR	PH	BT	BR	Weight	Order code
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]	
Ø32	10	6.6	1.6	38	51	21	18	10	26	31	32	8	10.0	0.05	P1C-4KMDB
Ø40	12	6.6	1.6	41	54	24	22	15	28	35	36	10	11.0	0.09	P1C-4LMDB
Ø50	12	9.0	1.6	50	65	33	30	16	32	45	45	12	13.0	0.16	P1C-4MMDB
Ø63	16	9.0	1.6	52	67	37	35	16	40	50	50	14	15.0	0.20	P1C-4NMDB
Ø80	16	11.0	2.5	66	86	47	40	20	50	60	63	14	15.0	0.32	P1C-4PMDB
Ø100	20	11.0	2.5	76	96	55	50	20	60	70	71	17	19.0	0.53	P1C-4QMDB
Ø125	25	14.0	3.2	94	124	70	60	30	70	90	90	20	22.5	1.01	P1C-4RMDB

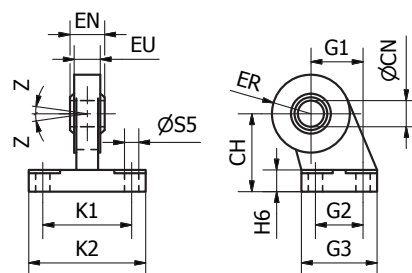
Pivot Bracket with Swivel Bearing - CS7



Intended for use together with clevis bracket AB6.

Materials:

Pivot bracket: Aluminium
(no surface treatment)
Swivel bearing acc. to DIN 648K:
Hardened steel



According to ISO 15552

Cyl.-bore	CN	S5	K1	K2	EU	G1	G2	EN	G3	CH	H6	ER	Z	Weight	Order code
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[kg]	
Ø32	10	6.6	38	51	10.5	21	18	14	31	32	10	15	4°	0.18	P1C-4KMAF
Ø40	12	6.6	41	54	12.0	24	22	16	35	36	10	18	4°	0.27	P1C-4LMAF
Ø50	16	9.0	50	65	15.0	33	30	21	45	45	12	20	4°	0.46	P1C-4MMAF
Ø63	16	9.0	52	67	15.0	37	35	21	50	50	12	23	4°	0.55	P1C-4NMAF
Ø80	20	11.0	66	86	18.0	47	40	25	60	63	14	27	4°	0.97	P1C-4PMAF
Ø100	20	11.0	76	96	18.0	55	50	25	70	71	15	30	4°	1.33	P1C-4QMAF
Ø125	30	13.5	94	124	25.0	70	60	37	90	90	20	40	4°	3.00	P1C-4RMAF

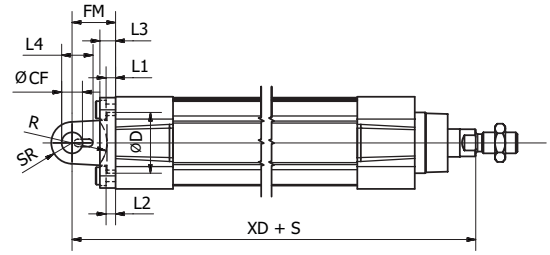
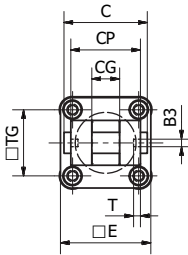
Clevis Bracket - AB6



Intended for flexible mounting of cylinder. Clevis bracket AB6 can be combined with pivot brackets MP6 and CS7 or swivel rod eye AP6.

Materials:

Clevis bracket: Aluminium
(no surface treatment)
Pin: Surface hardened steel
Locking pin: Spring steel
Circlips according to DIN 471:
Spring steel
Mounting screws acc. to DIN 912:
Zinc-plated steel 8.8
Supplied complete with mounting screws
for attachment to the cylinder.



According to ISO 15552

Cyl.-bore	B3	C	CF	CG	CP	D	E	FM	I2	T	R	L1	L4	L3	SR	TG	XD*	Weight	Order code
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]	
Ø32	3.3	41	10	14	34	30	45	22	5.5	3	17	5	16.5	9	10	32.5	142	0.04	P1C-4KMCB
Ø40	4.3	48	12	16	40	35	52	25	5.5	4	20	5	18	9	12	38	160	0.07	P1C-4LMCB
Ø50	4.3	54	16	21	45	40	65	27	6.5	4	22	5	22	11	14	46.5	170	0.11	P1C-4MMCB
Ø63	4.3	60	16	21	51	45	75	32	6.5	4	25	5	22	11	18	56.5	190	0.19	P1C-4NMCB
Ø80	4.3	75	20	25	65	45	95	36	10.0	4	30	5	26	14	20	72	210	0.38	P1C-4PMCB
Ø100	6.3	85	20	25	75	55	115	41	10.0	4	32	5	26	14	22	89	230	0.61	P1C-4QMCB
Ø125	6.3	110	30	37	97	60	140	50	10.0	6	42	7	39	20	25	110	275	1.10	P1C-4RMCB

*Does not apply to cylinders with piston rod extension, lock units and Twin Rods, see page 38.

Swivel Eye Bracket - MP6

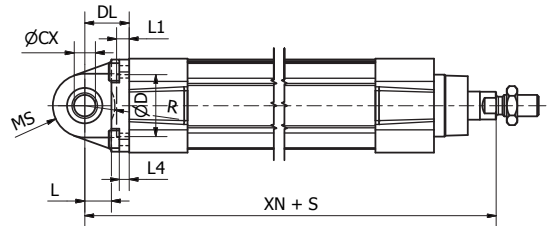
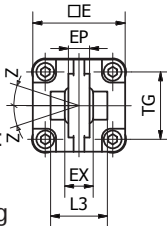


Intended for use together with clevis bracket AB6.

Materials:

Bracket: Aluminium
(no surface treatment)
Swivel bearing acc. to DIN 648K:
Hardened steel

Supplied complete with mounting
screws for attachment to cylinder.



According to ISO 15552

Cyl.-bore	CX	D	DL	E	EP	EX	L	L1	L3	L4	MS	R	TG	XN*	Z	Weight	Order code
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[kg]	
Ø32	10	30	22	45	10.5	14	12	7	-	5.5	16	-	32.5	142	4°	0.09	P1C-4KMSB
Ø40	12	35	25	52	12	16	15	7	-	5.5	18	-	38	160	4°	0.13	P1C-4LMSB
Ø50	16	40	27	65	15	21	15	7	51	6.5	21	19	46.5	170	4°	0.24	P1C-4MMSB
Ø63	16	45	32	75	15	21	20	7	-	6.5	23	-	56.5	190	4°	0.29	P1C-4NMSB
Ø80	20	45	36	95	18	25	20	9	74	10	28	24	72	210	4°	0.59	P1C-4PMSB
Ø100	20	55	41	115	18	25	25	9	140	10	30	32	89	230	4°	0.78	P1C-4QMSB
Ø125	30	60	50	140	25	37	30	9	-	10	40	-	110	275	4°	1.38	P1C-4RMSB

*Does not apply to cylinders with piston rod extension, lock units and Twin Rods, see page 38.

Swivel Rod Eye - AP6

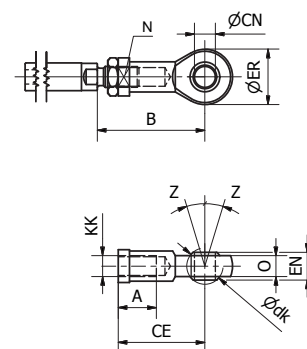


Swivel rod eye for articulated mounting of the cylinder. Swivel rod eye can be combined with clevis bracket AB6.

Materials:

Swivel rod eye: Zinc-plated steel
Swivel bearing according to DIN 648K: hardened steel

Swivel rod eye: Stainless steel
Swivel bearing according to DIN 648K: Hardened steel



According to DIN ISO 8139

Cyl.-bore	A	B _{min}	B _{max}	CE	CN	EN	ER	KK	LE dk	N	O	Z	Weight	Order Code	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]			[mm]	[mm]			Galvanised steel	Stainless steel
Ø32	15	48.0	55	43	10	14	29	M10x1.25	19.0	17	10.5	13°	0.07	P1C-4KRS	P1S-4JRT
Ø40	18	56.0	62	50	12	16	33	M12x1.25	22.2	19	12.0	13°	0.11	P1C-4LRS	P1S-4LRT
Ø50	24	72.0	80	64	16	21	43	M16x1.5	28.5	22	15.0	15°	0.21	P1C-4MRS	P1S-4MRT
Ø63	24	72.0	80	64	16	21	43	M16x1.5	28.5	22	15.0	15°	0.21	P1C-4MRS	P1S-4MRT
Ø80	30	87.0	97	77	20	25	51	M20x1.5	34.9	30	18.0	15°	0.38	P1C-4PRS	P1S-4PRT
Ø100	30	87.0	97	77	20	25	51	M20x1.5	34.9	30	18.0	15°	0.38	P1C-4PRS	P1S-4PRT
Ø125	45	123.5	137	110	30	37	70	M27x2	50.8	41	25.0	15°	1.15	P1C-4RRS	P1S-4RRT

Clevis - AP2

Galvanised Steel



Stainless Steel

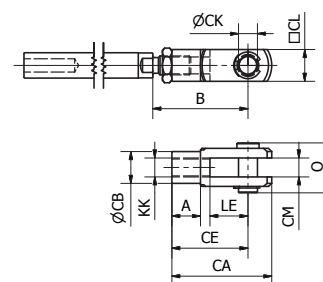


Clevis for articulated mounting of the cylinder.

Materials:

Clevis, clip: Zinc-plated steel
Pin: Hardened steel

Clevis, clip: Stainless steel
Pin: Stainless steel



According to DIN ISO 8140

Cyl.-bore	A	B _{min}	B _{max}	CA	CB	CE	CK	CL	CM	KK	LE	O	Weight	Order code	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]	[mm]	[kg]	Galvanised steel	Stainless steel
Ø32	15	45	52	52	18	40	10	20	10	M10x1.25	20	25	0.09	P1C-4KRC	P1S-4JRD
Ø40	18	54	60	62	20	48	12	24	12	M12x1.25	24	31	0.15	P1C-4LRC	P1S-4LRD
Ø50	24	72	80	83	26	64	16	32	16	M16x1.5	32	40	0.34	P1C-4MRC	P1S-4MRD
Ø63	24	72	80	83	26	64	16	32	16	M16x1.5	32	40	0.34	P1C-4MRC	P1S-4MRD
Ø80	30	90	100	105	34	80	20	40	20	M20x1.5	40	50	0.67	P1C-4PRC	P1S-4PRD
Ø100	30	90	100	105	34	80	20	40	20	M20x1.5	40	50	0.67	P1C-4PRC	P1S-4PRD
Ø125	40	123.5	137	148	48	110	30	55	30	M27x2.0	54	65	1.80	P1C-4RRC	P1S-4RRD