

- Available in 32 to 125 mm bores
- Suitable for applications where washdowns are required
- Corrosion resistant design
- Magnetic piston as standard
- Lubricated with food grade grease



Operating information

Working pressure: Max 10 bar
 Seals / Temperature options
 Standard: -20°C to +80°C
 High temperature: -10°C to +150°C
 Low temperature: -40°C to +40°C
 Cylinders for low pressure hydraulic operation: Ø32-125mm

Prelubricated, further lubrication is not normally necessary. If additional lubrication is introduced it must be continued.

Options Available

Type
 Standard, smooth profile Ø32-125mm
 Rod locking versions Ø32-125mm
 Factory fitted centre trunnion Ø32-125mm
 Tie rod version Ø32-125mm
 Cylinder with H type twin ball bearing guide unit Ø32-100mm
 Cylinder with H type plain bearing guide unit Ø32-100mm
 Cylinder with U type twin ball bearing guide unit Ø32-100mm
Action
 Double acting, adjustable cushioning Ø32-125mm
 Double acting with aluminium piston Ø32-63mm
 Double acting with stainless steel scraper ring Ø50-125mm
 Double acting, through rod Ø32-125mm

Food industry versions

Smooth profile, End cover Ø32--125mm screws in stainless steel

Piston rod type

Female threaded
 Male threaded
 Stainless steel as standard
 Chrome plated steel
 Chrome plated stainless steel
 Acid-proof stainless steel

Smooth profile - Double acting, magnetic piston, male piston rod thread

Ø32mm - (G¹/₈)

Stroke mm	Order code
25	P1C-S032MS-0025
50	P1C-S032MS-0050
80	P1C-S032MS-0080
100	P1C-S032MS-0100
125	P1C-S032MS-0125
160	P1C-S032MS-0160
200	P1C-S032MS-0200
250	P1C-S032MS-0250
320	P1C-S032MS-0320
400	P1C-S032MS-0400
500	P1C-S032MS-0500

Ø40mm - (G¹/₄)

Stroke mm	Order code
25	P1C-S040MS-0025
50	P1C-S040MS-0050
80	P1C-S040MS-0080
100	P1C-S040MS-0100
125	P1C-S040MS-0125
160	P1C-S040MS-0160
200	P1C-S040MS-0200
250	P1C-S040MS-0250
320	P1C-S040MS-0320
400	P1C-S040MS-0400
500	P1C-S040MS-0500

Ø50mm - (G¹/₄)

Stroke mm	Order code
25	P1C-S050MS-0025
50	P1C-S050MS-0050
80	P1C-S050MS-0080
100	P1C-S050MS-0100
125	P1C-S050MS-0125
160	P1C-S050MS-0160
200	P1C-S050MS-0200
250	P1C-S050MS-0250
320	P1C-S050MS-0320
400	P1C-S050MS-0400
500	P1C-S050MS-0500

Ø63mm - (G³/₈)

Stroke mm	Order code
25	P1C-S063MS-0025
50	P1C-S063MS-0050
80	P1C-S063MS-0080
100	P1C-S063MS-0100
125	P1C-S063MS-0125
160	P1C-S063MS-0160
200	P1C-S063MS-0200
250	P1C-S063MS-0250
320	P1C-S063MS-0320
400	P1C-S063MS-0400
500	P1C-S063MS-0500

Ø80mm - (G³/₈)

Stroke mm	Order code
25	P1C-S080MS-0025
50	P1C-S080MS-0050
80	P1C-S080MS-0080
100	P1C-S080MS-0100
125	P1C-S080MS-0125
160	P1C-S080MS-0160
200	P1C-S080MS-0200
250	P1C-S080MS-0250
320	P1C-S080MS-0320
400	P1C-S080MS-0400
500	P1C-S080MS-0500

Ø100mm - (G¹/₂)

Stroke mm	Order code
25	P1C-S100MS-0025
50	P1C-S100MS-0050
80	P1C-S100MS-0080
100	P1C-S100MS-0100
125	P1C-S100MS-0125
160	P1C-S100MS-0160
200	P1C-S100MS-0200
250	P1C-S100MS-0250
320	P1C-S100MS-0320
400	P1C-S100MS-0400
500	P1C-S100MS-0500

Ø125mm - (G¹/₂)

Stroke mm	Order code
25	P1C-S125MS-0025
50	P1C-S125MS-0050
80	P1C-S125MS-0080
100	P1C-S125MS-0100
125	P1C-S125MS-0125
160	P1C-S125MS-0160
200	P1C-S125MS-0200
250	P1C-S125MS-0250
320	P1C-S125MS-0320
400	P1C-S125MS-0400
500	P1C-S125MS-0500

Sensors for P1C cylinders

Reed switch sensors with LED

Cable m	Voltage V AC/DC	Order code
3	10 - 240	9126344301
*	10 - 60	9126344309

Cables for sensors P1C

Cable length	Order code
3m	9126344341
10m	9126344342

* Cable with 8mm plug order separately.

Solid state sensors PNP with LED

Cable m	Voltage V DC	Order code
3	10 - 30	9126344321
*	10 - 30	9126344329

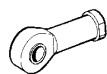
Mountings for sensors

For bore size	Order code
32 - 40	9126344361
50 - 100	9126344362
125	9126344363

Cylinder mountings

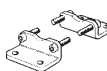
Swivel rod eye Zinc plated steel - ISO 8139

Cyl.Ø	Order code
32	P1C-4KRS
40	P1C-4LRS
50	P1C-4MRS
63	P1C-4MRS
80	P1C-4PRS
100	P1C-4PRS
125	P1C-4RRS
160	P1C-4SRS
200	P1C-4SRS



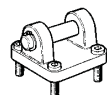
Foot bracket Surface treated steel

Cyl.Ø	Order code
32	P1C-4KMF
40	P1C-4LMF
50	P1C-4MMF
63	P1C-4NMF
80	P1C-4PMF
100	P1C-4QMF
125	P1C-4RMF
160	P1C-4SMF
200	P1C-4TMF



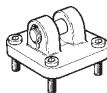
Clevis bracket MP2 Aluminium/Cast iron

Cyl.Ø	Order code
32	P1C-4KMT
40	P1C-4LMT
50	P1C-4MMT
63	P1C-4NMT
80	P1C-4PMT
100	P1C-4QMT
125	P1C-4RMT
160	P1E-4SMT
200	P1E-4TMT



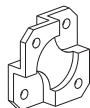
Clevis bracket GA Surface treated steel

Cyl.Ø	Order code
32	P1C-4KMC
40	P1C-4LMC
50	P1C-4MMC
63	P1C-4NMC
80	P1C-4PMC
100	P1C-4QMC
125	P1C-4RMC



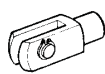
Mounting kit, back to back cylinders

Cyl.Ø	Order code
32	P1E-6KB0
40	P1E-6LB0
50	P1E-6MB0
63	P1E-6NB0
80	P1E-6PB0
100	P1E-6QB0



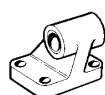
Clevis Galvanised steel - ISO 8140

Cyl.Ø	Order code
32	P1C-4KRC
40	P1C-4LRC
50	P1C-4MRC
63	P1C-4MRC
80	P1C-4PRC
100	P1C-4PRC
125	P1C-4RRC
160	P1C-4SRC
200	P1C-4SRC



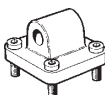
Pivot bracket with rigid bearing

Cyl.Ø	Order code
32	P1C-4KMD
40	P1C-4LMD
50	P1C-4MMD
63	P1C-4NMD
80	P1C-4PMD
100	P1C-4QMD
125	P1C-4RMD



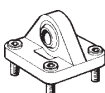
Clevis bracket MP4 Aluminium/Cast iron

Cyl.Ø	Order code
32	P1C-4KME
40	P1C-4LME
50	P1C-4MME
63	P1C-4NME
80	P1C-4PME
100	P1C-4QME
125	P1C-4RME
160	P1E-4SME
200	P1E-4TME



Swivel eye bracket Surface treated steel

Cyl.Ø	Order code
32	P1C-4KMS
40	P1C-4LMS
50	P1C-4MMS
63	P1C-4NMS
80	P1C-4PMS
100	P1C-4QMS
125	P1C-4RMS



Centre trunnion MT4 for profile cylinders

Cyl.Ø	Order code
32	P1C-4KMY
40	P1C-4LMY
50	P1C-4MMY
63	P1C-4NMY
80	P1C-4PMY
100	P1C-4QMY
125	P1C-4RMY



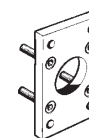
Piston rod nut Zinc plated steel - DIN 439 B

Cyl.Ø	Order code
32	9128985601
40	0261109910
50	9128985603
63	9128985603
80	0261109911
100	0261109911
125	0261109912
160	9128985606
200	9128985606



Flange MF1 and MF2 Surface treated steel

Cyl.Ø	Order code
32	P1C-4KMB
40	P1C-4LMB
50	P1C-4MMB
63	P1C-4NMB
80	P1C-4PMB
100	P1C-4QMB
125	P1C-4RMB
160	P1C-4SMB
200	P1C-4TMB



Clevis bracket MP4 Aluminium

Cyl.Ø	Order code
32	9301054391
40	9301054392
50	9301054393
63	9301054394
80	9301054395
100	9301054396
125	9301054397



Pivot bracket for MT4 Aluminium

Cyl.Ø	Order code
32	9301054261
40	9301054262
50	9301054262
63	9301054264
80	9301054264
100	9301054266
125	9301054266

Pivot bracket with swivel bearing
Surface treated steel

Cyl.Ø	Order code
32	P1C-4KMA
40	P1C-4LMA
50	P1C-4MMA
63	P1C-4NMA
80	P1C-4PMA
100	P1C-4QMA
125	P1C-4RMA

