



Worm and wheel gearbox

Torque up to 107 Nm

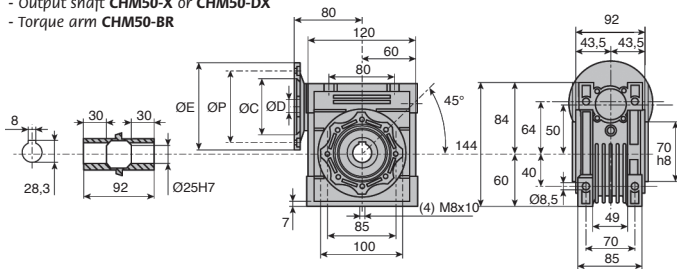
CHM50

- Ratios from 7.5:1 to 100:1
- With B14 (IEC71) flange
- Output backlash: N/A
- Max. input speed: 2,800 rpm
- Max. output speed: see CHMR50
- Materials:
 - Casing: aluminium
 - Screws: treated steel 20CR
 - Wheel: bronze CuSn12 (cast iron hub G500)
- Lubrication: synthetic oil ISO VG320
- Weight: 3.5 kg



Accessories

- Output shaft **CHM50-X** or **CHM50-DX**
- Torque arm **CHM50-BR**



Output torque (Nm values given as a guide only)

| | Ratios | | | | | | | | | | | |
|-------------------|--------|------|------|------|------|------|------|------|------|------|-------|----|
| | 7,5:1 | 10:1 | 15:1 | 20:1 | 25:1 | 30:1 | 40:1 | 50:1 | 60:1 | 80:1 | 100:1 | |
| INPUT SPEED (rpm) | 2800 | 51 | 53 | 56 | 52 | 51 | 63 | 58 | 52 | 49 | 44 | 39 |
| | 1400 | 70 | 71 | 73 | 72 | 69 | 83 | 75 | 72 | 67 | 64 | 54 |
| | 900 | 83 | 83 | 83 | 76 | 74 | 89 | 81 | 76 | 71 | 67 | 55 |
| | 500 | 102 | 102 | 102 | 92 | 90 | 107 | 97 | 90 | 82 | 74 | 64 |

DISCOUNTS

| Qty | 1+ | 3+ | 6+ |
|-------|------|------|------------|
| Disc. | List | -20% | On request |

| Part number | Reduction ratio | Input flange | ØD | ØC | ØP | ØE | Self locking output | Stock* | Price each 1 to 2 |
|-------------|-----------------|--------------|----|----|----|-----|---------------------|--------|-------------------|
| CHM50-7 | 7,5:1 | 71B14 | 14 | 70 | 85 | 105 | no | ✓ | 206,34 € |
| CHM50-10 | 10:1 | 71B14 | 14 | 70 | 85 | 105 | no | ✓ | 206,34 € |
| CHM50-15 | 15:1 | 71B14 | 14 | 70 | 85 | 105 | no | ✓ | 206,34 € |
| CHM50-20 | 20:1 | 71B14 | 14 | 70 | 85 | 105 | no | ✓ | 206,34 € |
| CHM50-25 | 25:1 | 71B14 | 14 | 70 | 85 | 105 | no | - | 206,34 € |
| CHM50-30 | 30:1 | 71B14 | 14 | 70 | 85 | 105 | no | ✓ | 206,34 € |
| CHM50-40 | 40:1 | 71B14 | 14 | 70 | 85 | 105 | no | ✓ | 206,34 € |
| CHM50-50 | 50:1 | 71B14 | 14 | 70 | 85 | 105 | not defined | ✓ | 206,34 € |
| CHM50-60 | 60:1 | 71B14 | 14 | 70 | 85 | 105 | not defined | - | 206,34 € |
| CHM50-80 | 80:1 | 71B14 | 14 | 70 | 85 | 105 | yes | ✓ | 206,34 € |
| CHM50-100 | 100:1 | 71B14 | 14 | 70 | 85 | 105 | yes | ✓ | 206,34 € |

*Depending on availability - Dimensions in mm

Our other products



RBNpl

Fixed castor with plate, Steel - rubber



HG5

Steel spur gear, Steel 20NCD2



BAC105

Storage bin, 8mm



PW_PWG25

Worm - precision range, Stainless steel



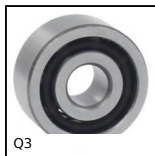
NDS20

Double cross clamp, Parallel



GE

Toggle latches, Miniature



Q3

Double row angular contact ball bearing, Angular contact - Steel



PNA_R

PERIFLEX elastic coupling, Replacement tyre



BSM

Spring plunger with internal hexagonal socket, steel body and pin



PRF_FIX_STD

Fastener for aluminium profile, Standard fastener



HBM

Adjustment bushing for half-rail guide, Adjustment bushing



BPM_LOK

Long-Lok slotted spring plunger with ball tip, LONG-LOK - Steel

Complementary products



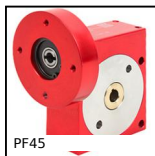
CHMX_CHMDX

Shaft for worm and wheel reducer CHMR and CHM, CHMR and CHM gearbox...



CHMBR

Reaction arm, CHM and CHMR gear reducers reaction arm



PF45

Worm and wheel gear reducer, up to 40 Nm



PF55

Worm and wheel gear reducer, up to 57 Nm