

Worm and wheel gearbox



CHMR63

Torque up to 196 Nm

- Ratios from 7.5:1 to 100:1
- Output backlash: N/A
- Max. input speed: 2,800 rpm
- Materials:

Casing: aluminium

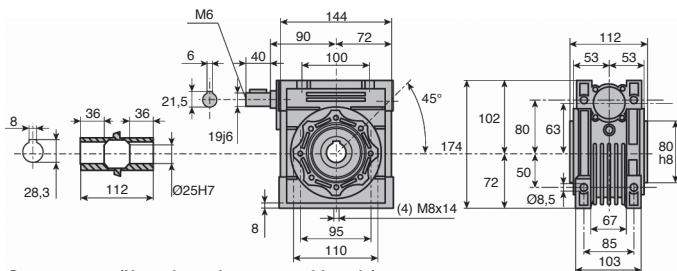
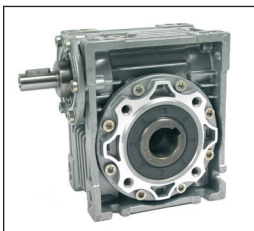
Screws: treated steel 20CR

Wheel: bronze CuSn12 (cast iron hub G500)

- Lubrication: synthetic oil ISO VG320
- Weight: 6.2 kg

Accessories

- Output shaft **CHM63-X** or **CHM63-DX**
- Torque arm **CHM63-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	2800	92	96	102	99	91	119	107	99	94	73
SPEED (rpm)	1400	127	129	139	134	129	159	144	134	129	117
	900	150	152	154	147	136	174	159	144	137	123
	500	183	184	186	177	163	198	184	172	159	136

DISCOUNTS

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

Part number	Reduction ratio	Max. input speed (rpm)	Max. output speed (rpm)	Efficiency at 900 rpm (%)	Self locking output	Stock*	Price each 1 to 2
CHMR63-7	7,5:1	2800	373,33	NC	no	✓	292,34 €
CHMR63-10	10:1	2800	280,00	NC	no	✓	292,34 €
CHMR63-15	15:1	2800	186,66	NC	no	✓	292,34 €
CHMR63-20	20:1	2800	140,00	NC	no	✓	292,34 €
CHMR63-25	25:1	2800	112,00	NC	no	✓	292,34 €
CHMR63-30	30:1	2800	93,33	NC	no	✓	292,34 €
CHMR63-40	40:1	2800	70,00	NC	no	✓	292,34 €
CHMR63-50	50:1	2800	56,00	NC	not defined	-	292,34 €
CHMR63-60	60:1	2800	46,66	NC	not defined	✓	292,34 €
CHMR63-80	80:1	2800	35,00	NC	yes	✓	292,34 €
CHMR63-100	100:1	2800	28,00	NC	yes	✓	292,34 €

*Depending on availability - Dimensions in mm

HPC

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Our other products



J53
Spur gear coaxial gearbox, from 0.43 to 1.15 - In-line



INS_BR
Self tapping brass insert, Brass



SRG
Adjustable latch clamp with strike plate, Stroke from 78mm to 90mm



NPTF30
Spacer for tube carrier, Fixing accessory Ø14 to Ø20



PRF_ECL
Nut for aluminium profile, Stainless steel square nut with tab



BPM-Z
Plastic slotted spring plunger with ball tip, Plastic body + stainless...



LVT
Miniature motorised actuator 1A, 1 ampere



NCT
Square tube connector, Fixed angle



TFR
Rigid manual tensioner, Fixed



PRF_PGN
Door handle for aluminium profile, Handle with lock



QTR
Tapered roller bearing, Steel



JCDss
Double universal joint - Stainless steel, Low duty

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



P60
Worm and wheel gear reducer, up to 118 Nm