

# 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:

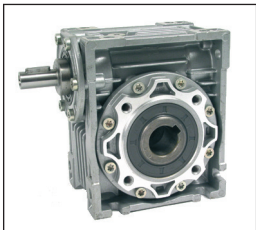
Casing: aluminium

Screws: treated steel 20CR

Wheel: bronze CuSn12 (cast iron hub G500)

- Lubrication: synthetic oil ISO VG320

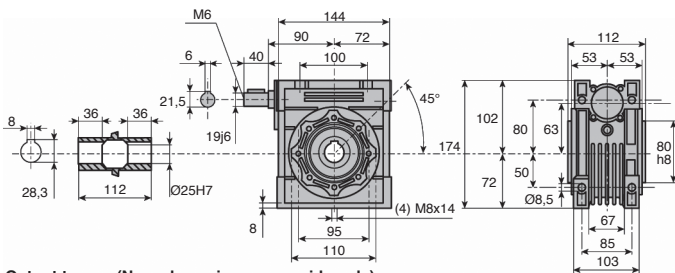
- Weight: 6.2 kg



### 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

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04/2020

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## Our other products



PRF\_SDD\_1820

Support for Ø18 or Ø20mm Prox detector, Ø18 and Ø20



PSG1

Spur gear - precision range, Pre-hardened Steel 35NCD6



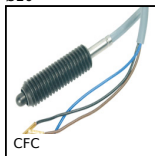
H2

Crossed helical gear crossed axis at 90°, Steel 20NCD2



WSSss

Symmetrical S shaped hook stainless steel, Stainless steel



CFC

Spring loaded position switch, Electric contact



Gal-cardan

Single universal joint eco series, Low duty



ACL-PR

Joining plate for aluminium profile, Right angled connection



NT63

Spur gear coaxial gearbox, from 8 to 20 Nm - In-line



NCT

Square tube connector, Fixed



SDC

Positioning sleeve for indexing pin, For pin



BPM

Slotted spring plunger with ball tip, Steel



PRF\_CHA\_D

Hinge and joint, Lift-off hinge

## 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