



# Worm and wheel gearbox

**Torque up to 196 Nm**

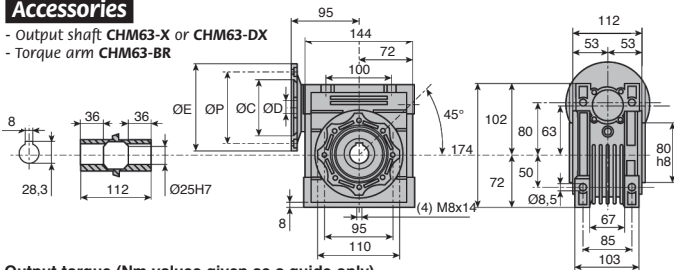
**CHM63**

- Ratios from 7.5:1 to 100:1
- With B14 flange acc IEC80 for ratios 7.5:1 to 30:1
- With B14 mounting flange acc IEC71 for ratios 7.5:1 to 30:1
- Output backlash: N/A
- Max. input speed: 2,800 rpm
- Max. output speed: see CHMR63
- 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 **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 SPEED (rpm)	2800	92	96	102	99	91	119	107	99	94	73
	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	Input flange	ØD	ØC	ØP	ØE	Self locking output	Stock*	Price each 1 to 2
CHM63-7	7.5:1	80B14	19	80	100	120	no	-	292,34 €
CHM63-10	10:1	80B14	19	80	100	120	no	-	292,34 €
CHM63-15	15:1	80B14	19	80	100	120	no	-	292,34 €
CHM63-20	20:1	80B14	19	80	100	120	no	-	292,34 €
CHM63-25	25:1	80B14	19	80	100	120	no	-	292,34 €
CHM63-30	30:1	80B14	19	80	100	120	no	✓	292,34 €
CHM63-40	40:1	71B14	14	70	85	105	no	✓	292,34 €
CHM63-50	50:1	71B14	14	70	85	105	not defined	✓	292,34 €
CHM63-60	60:1	71B14	14	70	85	105	not defined	✓	292,34 €
CHM63-80	80:1	71B14	14	70	85	105	oui	✓	292,34 €
CHM63-100	100:1	71B14	14	70	85	105	oui	✓	292,34 €

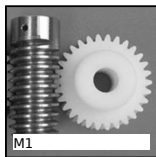
\*Depending on availability - Dimensions in mm

## Our other products



PSG35

Spur gear - precision range, Stainless steel 316



M1

Worm and wheel set, Machined plastic (delrin)



GGB

Female wing knob, With blind thread



BTE

Universal tension arm, For normal applications



BOX-TOR-C

Box set of Nitrile O-rings in nitrile, 3.00 x 1.50mm to 30.20 x 3.00



DOMI80

Accessories, Plate



SLHHlok

Horizontal toggle clamp, Horizontal toggle clamp / horizontal foot



PW\_PWG2

Worm - precision range, Stainless steel



TBE16

Economic mini-table with trapezoidal



BLHB30

Right angled gearbox, bored shafts, up to



GE

Toggle latches, Miniature



HG6-ECO

Eco range Spur gear, Steel C45

## 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



PF60

Worm and wheel gear reducer, up to 118 Nm



CHT90

Asynchronous AC Motor 1.1 to 1.85kW, 1.1 to 1.85kW