

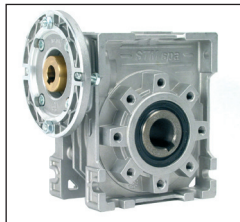


# Worm and wheel gearbox

Torque up to 540 Nm

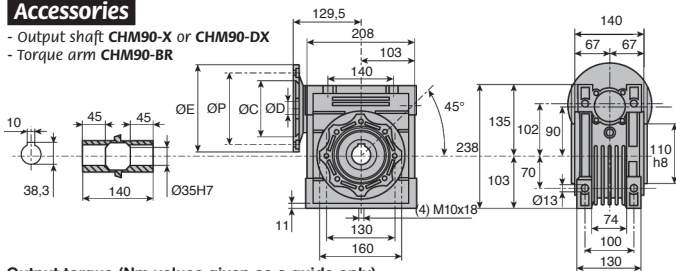
CHM90

- Ratios from 7.5:1 to 100:1
- With B14 flange acc IEC90 for ratios 7.5:1 to 60:1
- With B14 mounting flange acc IEC71 for ratios 80:1 to 100:1
- Output backlash: N/A
- Max. input speed: 2,800 rpm
- Max. output speed: see CHMR90
- 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 **CHM90-X** or **CHM90-DX**
- Torque arm **CHM90-BR**



## Output torque (Nm values given as a guide only)

Ratio	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	208	234	258	258	248	308	274	264	244	224
SPEED (rpm)	1400	288	368	418	388	368	458	408	388	346	278
	500	408	434	438	468	438	540	478	448	398	328

## DISCOUNTS

Qty	1+	2+	4+
Disc. List	-20%	-20%	On request

Part number	Reduction ratio	Input flange	ØD	ØC	ØP	ØE	Self locking output	Stock*	Price each
CHM90-7	7,5:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-10	10:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-15	15:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-20	20:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-25	25:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-30	30:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-40	40:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-50	50:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-60	60:1	90B5	24	130	165	200	not defined	-	509,62 €
CHM90-80	80:1	80B5	19	130	165	200	not defined	-	509,62 €
CHM90-100	100:1	80B5	19	130	165	200	Yes	-	509,62 €

\*Depending on availability - Dimensions in mm

## Our other products



ACL-PLAngle

Joining plate for aluminium profile, Angle connection



BEAS

Star shaped anti-static handle, Star, anti-static



AHEX

Hexagonal shaft, Hexagonal shaft



PSG05

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



SSDB

Stainless steel bevel gear, 2:1



HRV

V-rail guidance Simple Select® system, Rail with carriage



CHAB

Hinge with stop, Hinge



GBS

Nut for ballscrew, Flanged ballscrew nut



GB-RA

Brass spur gear, Brass CuZn39Pb3



CLSCLP\_SS

Clevis components, short version,



E50

Right angle helical reducers, from 3 to 41



WW16

Drylin® W slide, slide assembly

## 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