

Worm and wheel gearbox



CHMR90

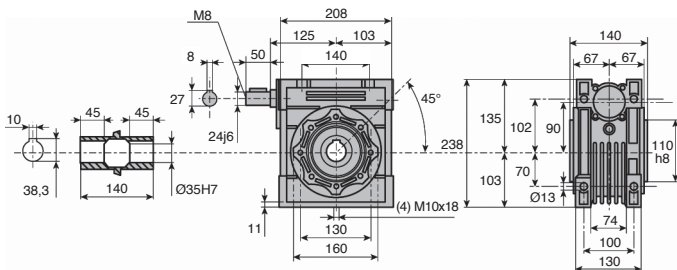
Torque up to 540 Nm

- 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: 12 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	308	358	354	338	408	358	338	318	284
	900	338	368	418	388	368	458	408	388	346	314
	500	408	434	438	468	438	540	478	448	398	364

DISCOUNTS

Qty	1+	2+	4+
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
CHMR90-7	7,5:1	2800	373,33	NC	No	-	509,62 €
CHMR90-10	10:1	2800	280,00	NC	No	✓	509,62 €
CHMR90-15	15:1	2800	186,66	NC	No	-	509,62 €
CHMR90-20	20:1	2800	140,00	NC	No	✓	509,62 €
CHMR90-25	25:1	2800	112,00	NC	No	-	509,62 €
CHMR90-30	30:1	2800	93,33	NC	No	✓	509,62 €
CHMR90-40	40:1	2800	70,00	NC	No	✓	509,62 €
CHMR90-50	50:1	2800	56,00	NC	No	✓	509,62 €
CHMR90-60	60:1	2800	46,66	NC	not defined	✓	509,62 €
CHMR90-80	80:1	2800	35,00	NC	not defined	✓	509,62 €
CHMR90-100	100:1	2800	28,00	NC	Yes	✓	509,62 €

*Depending on availability - Dimensions in mm

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Our other products



LFM2

Steel leadscrew,
Medium carbon steel -
2 threads



BLHT30

Right angled gearbox,
from 1.65 to 4.40 Nm



CHAEpac

Square decorative
screwed hinges,
carbon fibre
reinforced



PRF_PF

Anchoring bracket for
aluminium profile,
Anchor



CDR

Retaining cable for
ball pin, Retaining
cable



SHW

Plain washer, A2
Stainless steel



RJA10_03

Sealing strip, Clipping



BPMc

Stainless steel slotted
spring plunger with
ceramic ball tip, 303
St...



MLY_SS

Stainless steel bow
shackle with eye bolt,



SH0

Parallel axis helical
gear, Steel 20NCD2



COA-COG

Surface mounting
plate, Surface



SH2

Parallel axis helical
gear, Steel 20NCD2

Complementary products



CHMX_CHMDX

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



CHMR

Reaction arm, CHM
and CHMR gear
reducers reaction arm