

# Worm and wheel gearbox



## CHMR75

## Torque up to 298 Nm

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

Casing: aluminium

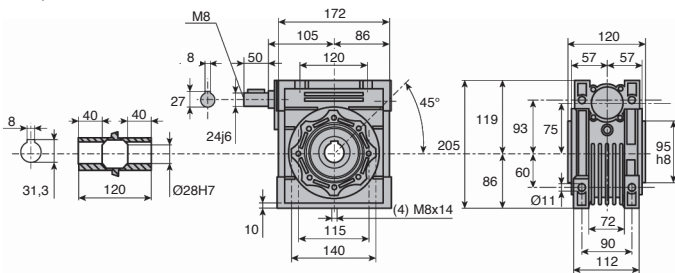
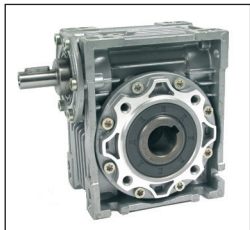
Screws: treated steel 20CR

Wheel: bronze CuSn12 (cast iron hub G500)

- Lubrication: synthetic oil ISO VG320
- Weight: 8.5 kg

### Accessories

- Output shaft **CHM75-X** or **CHM75-DX**
- Torque arm **CHM75-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	129	144	148	158	148	119	168	146	144	129
SPEED (rpm)	1400	184	194	198	209	198	159	228	209	198	188
	900	214	228	234	234	214	174	258	218	209	198
	500	258	268	278	284	254	198	298	248	238	214

### 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
CHMR75-7	7.5:1	2800	373,33	NC	no	✓	390,49 €
CHMR75-10	10:1	2800	280,00	NC	no	✓	390,49 €
CHMR75-15	15:1	2800	186,66	NC	no	-	390,49 €
CHMR75-20	20:1	2800	140,00	NC	no	✓	390,49 €
CHMR75-25	25:1	2800	112,00	NC	no	-	390,49 €
CHMR75-30	30:1	2800	93,33	NC	no	✓	390,49 €
CHMR75-40	40:1	2800	70,00	NC	no	✓	390,49 €
CHMR75-50	50:1	2800	56,00	NC	not defined	-	390,49 €
CHMR75-60	60:1	2800	46,66	NC	not defined	✓	390,49 €
CHMR75-80	80:1	2800	35,00	NC	not defined	✓	390,49 €
CHMR75-100	100:1	2800	28,00	NC	yes	✓	390,49 €

\*Depending on availability - Dimensions in mm

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## Our other products



UGAC\_UGET

Connection for threaded actuator rod, Connection for threaded actuat...



PRF-SCL

Lock for aluminium profile, Lock for sliding doors



PR65C

Half-articulated foot  $\varnothing$  65,  $\varnothing$  65



SH0

Parallel axis helical gear, Machined plastic (delrin)



SBS\_L

Chain link, Stainless steel



ZBconique

Machined plastic bevel gear, 1:1



T5-BAR

T type tooth bar stock, T5



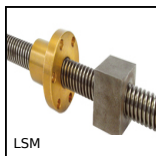
CHAE6555

Decorative screwed hinge, Aluminium



SRG

Adjustable latch clamp with strike



LSM

Stainless steel 316L leadscrew, Stainless



MHWC

Double-disc flexible coupling, Double disk



CHAFR

Adjustable friction hinges, Friction

## 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



P70

Worm and wheel gear reducer, up to 164 Nm