

# Worm and wheel gearbox



## CHMR40

## Torque up to 57 Nm

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

Casing: aluminium

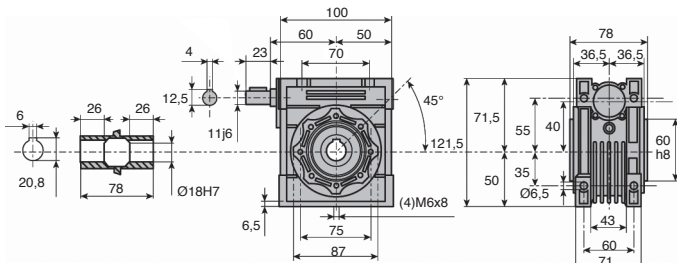
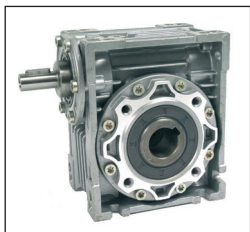
Screws: treated steel 20CR

Wheel: bronze CuSn12 (cast iron hub G500)

- Lubrication: synthetic oil ISO VG320
- Weight: 2.3 kg

### Accessories

- Output shaft **CHM40-X** or **CHM40-DX**
- Torque arm **CHM40-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	27	26	30	28	27	33	30	30	27	24	22
2800	39	39	39	38	39	44	40	38	35	32	28	
900	43	43	44	43	43	48	44	41	38	35	31	
500	52	52	54	53	51	57	52	48	45	40	35	

### 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
CHMR40-7	7.5:1	800	373,33	NC	no	✓	160,04 €
CHMR40-10	10:1	2800	280,00	NC	no	✓	160,04 €
CHMR40-15	15:1	2800	186,66	NC	no	✓	160,04 €
CHMR40-20	20:1	2800	140,00	NC	no	✓	160,04 €
CHMR40-25	25:1	2800	112,00	NC	no	✓	160,04 €
CHMR40-30	30:1	2800	93,33	NC	no	✓	160,04 €
CHMR40-40	40:1	2800	70,00	NC	no	✓	160,04 €
CHMR40-50	50:1	2800	56,00	NC	not defined	-	160,04 €
CHMR40-60	60:1	2800	46,66	NC	not defined	✓	160,04 €
CHMR40-80	80:1	2800	35,00	NC	yes	✓	160,04 €
CHMR40-100	100:1	2800	28,00	NC	yes	✓	160,04 €

\*Depending on availability - Dimensions in mm

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04/2020

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## Our other products



EMS

Stainless steel knurled thumb nut, Knurled



NSKB

Drylin® Rail end cap, Rail end cap



HLU

Spoked handwheel without handle, Aluminium



BAC105

Storage bin, 8mm



ZHG5

Plastic spur gear, Machined plastic (delrin)



PRF4545

Standard stainless steel profile, 45 x 45 mm



T10courroie

T type timing belt, T10 Steel cored polyurethane



CLSCLP\_SS

Clevis components, short version, Stainless steel - short range



E20

Right angle helical reducers, from 0.60 to 3.84 Nm



COA-COG

Surface mounting plate, Surface mounting plate for



PCS8ECO

Chain sprocket - steel, 8mm (DIN 05B-1)



PDM\_PDV

Detectable plastic palm grip, by metal detectors

## 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



P40

Worm and wheel gear reducer, up to 18 Nm



CHV

Mechanical speed variator, from 0,18 to 1,5kW