

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

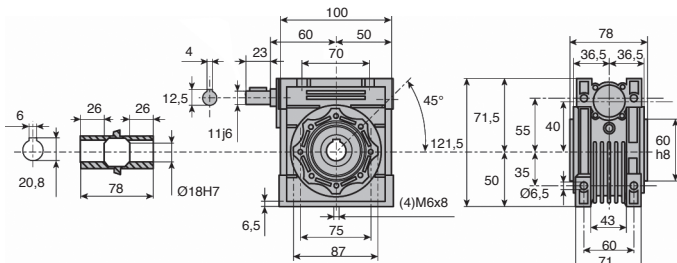
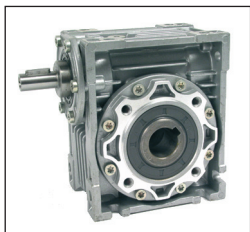
Wheel: bronze CuSn12 (cast iron hub G500)

- 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

HPC

WEB
04/2020

www.hpceurope.com

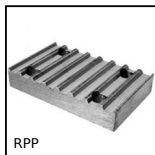
Tél: 0 825 88 5000 Service 0,15 €/min + prix appel

Our other products



ACL-PL

Joining plate for aluminium profile, joint plate - 86x86 mm



RPP

Connecting plate for RPP type timing belts, RRP5



RFK28B

Hypoid gearbox - Stainless steel, up to 130 Nm



SFWR

End support, Surface mounting



PO

Pull handle - Multi-sector, Smooth hole



G0

Steel spur gear, Steel 20NCD2



ACLEPP

Right angled bracket for aluminium profile, 8 holes



M2

Worm and wheel set, Unhardened steel



LVT

Miniature motorised actuator 2A, 2 amperes



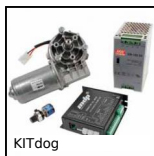
HRV

V- rail guidance Simple Select®



BFM

Flanged bronze nut, Bronze - 1 thread



KITdog

24V DC motorisation kit, Worm and wheel

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