

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)

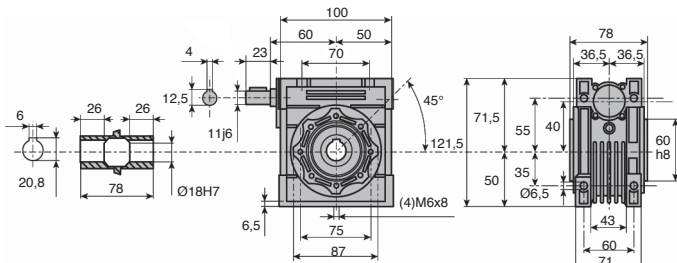
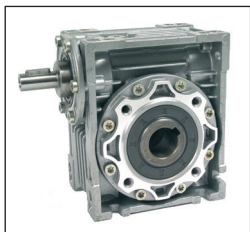
- Lubrication: synthetic oil ISO VG320

- 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

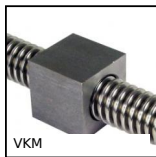
HPC

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Our other products



VKM

Square steel nut,
Steel - 1 thread



PDR-RD

Mounting feet with
integrated castors,
Offset castor



CHAGC-AL

Screw-in garnet
hinge, Screw-on



VEL

Self-gripping cable
strip, electric and
pneumatic cables



PSG05S

Spur gear - precision
range, Stainless steel
316



SMS

Spiral bevel gear, 1:1



NSO

Housing for open
linear bearing,
Opened - long



EMS

Stainless steel knurled
thumb nut, Knurled



CFF

Female rod ends DIN
ISO12240-4, Steel /
bronze



BDMdII

Magnetic bush for pin,
Fast and light
magnetic locking



MET

Cylindrical sintered
bronze bush, Self-
lubricating sintered



NRR

Adjustable support
clamp, Adjustable
support clamp

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