

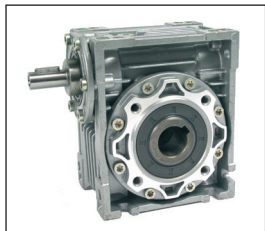
Worm and wheel gearbox



CHMR50

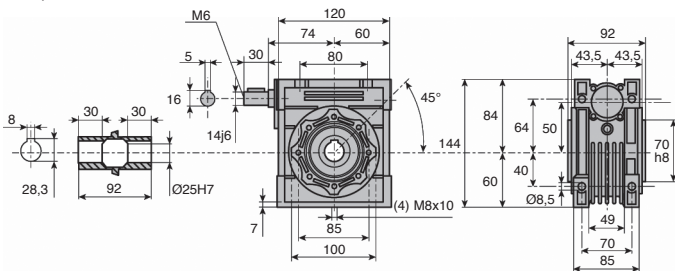
Torque up to 107 Nm

- 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: 3.5 kg



Accessories

- Output shaft **CHM50-X** or **CHM50-DX**
- Torque arm **CHM50-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	51	53	56	52	51	63	58	52	49	44
2800	70	71	73	72	69	83	75	72	67	64	54
900	83	83	83	76	74	89	81	76	71	67	55
500	102	102	102	92	90	107	97	90	82	74	64

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
CHMR50-7	7,5:1	2800	373,33	NC	no	✓	206,34 €
CHMR50-10	10:1	2800	280,00	NC	no	✓	206,34 €
CHMR50-15	15:1	2800	186,66	NC	no	✓	206,34 €
CHMR50-20	20:1	2800	140,00	NC	no	✓	206,34 €
CHMR50-25	25:1	2800	112,00	NC	no	-	206,34 €
CHMR50-30	30:1	2800	93,33	NC	no	✓	206,34 €
CHMR50-40	40:1	2800	70,00	NC	no	✓	206,34 €
CHMR50-50	50:1	2800	56,00	NC	not defined	✓	206,34 €
CHMR50-60	60:1	2800	46,66	NC	not defined	✓	206,34 €
CHMR50-80	80:1	2800	35,00	NC	yes	✓	206,34 €
CHMR50-100	100:1	2800	28,00	NC	yes	✓	206,34 €

*Depending on availability - Dimensions in mm

Our other products



T25-6ECO

T type timing pulley,
Economy range - T2.5
aluminium



BH01

Single housed
bearing, Bearing fitted
with adhesive



KB_WW

Closed linear
precision bearing,
Economy range



PTRSS

Idler chain sprocket,
For hostile
environments



GMC_GMK_BR

Guiding profile clamp,
Flat or rounded



PCH

Knob for gripping,
Mushroom



M

Bellows cover,
Accessory:



GEC

Rubber latch clamp
with strike plate,
Lockable



PR125rehausse

Extension for
articulated foot Ø123,
articulated foot PR125



GPBSS

Threaded spherical
knob, Aluminium



BOXdhx

Boxed set of threaded
dowel pins DIN797D,
Boxed set -



AT5P_AT10P

Connecting plate for
AT type timing belts,
AT10

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



P45

Worm and wheel gear
reducer, up to 40 Nm



P55

Worm and wheel gear
reducer, up to 57 Nm