

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

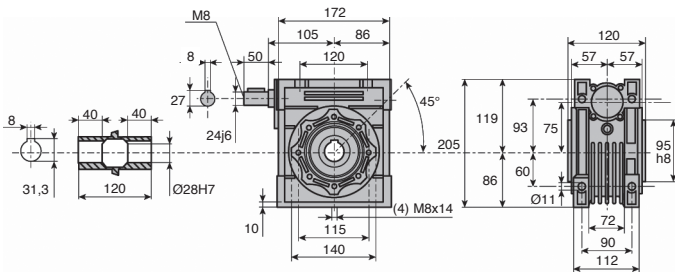
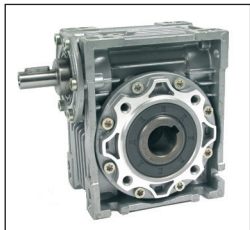
Screws: treated steel 20CR

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

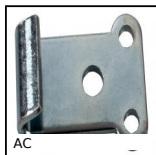
DISCOUNTS

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

Our other products



AC

Strike for toggle latch,
15mm



SHTC

Drylin® Linear table,
Maintenance free



SLB

Indexing plunger,
steel class 5.8



PLM-20SC

Cylindrical magnet,
Cylindrical magnet



BAC105

Storage bin, 8mm



BRI

Panel holder, Panel
holder



GE32

Sprung toggle latch
with connecting link,
Standard



DOM120

Connecting kits, XY
linking kit



PRF_CLIP_22

Cable clip for
aluminium profile, For
electric and



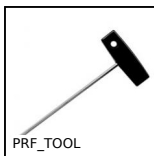
WJRM

Drylin® W hybrid
bearing block, Hybrid
bearings



SH1

Parallel axis helical
gear, Machined plastic
(delrin)



PRF_TOOL

Assembly key for
aluminium profile,
Assembly key

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