

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)

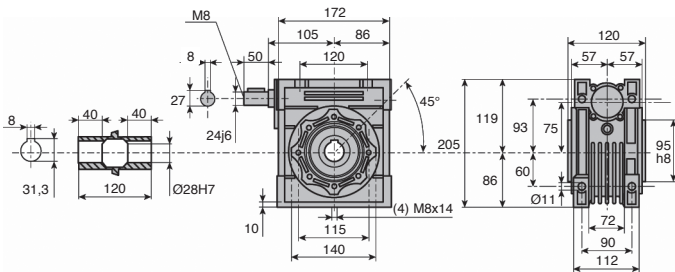
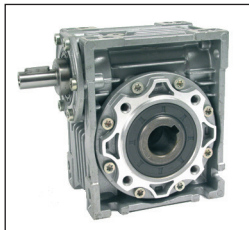
- Lubrication: synthetic oil ISO VG320

- 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

HPC

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04/2020

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Our other products



BEAB
Knob star grip
antibacterial, Star,
anti-bacterial



T39_T49
Extension spring in
metre length stainless
steel, by the metre



CHM110
Worm and wheel gear
reducer, up to 980
Nm



NRV
Orthogonal support
clamp, Orthogonal
support clamp



MAX22
Motor-gearbox 12V
and 24V DC, from
0,07 to 0,2Nm



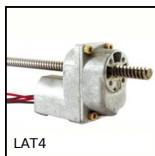
MEB
Moulded plastic bevel
gear (nylon), 1:1



AT5M AT10M
AT type timing belt
per metre, AT10 Steel
cored polyurethane



CHTRB
Single and dual
output gearboxes, Up
to 87,3 Nm



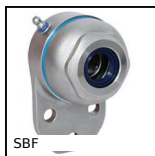
LAT4
4A motorised linear
actuator, 4 amperes



PDD
Actuating plunger,
Non-rotating detector
shaft



BPHClip
Clip for ball transfer
unit, Insert clip -
Installing from above



SBF
Sealed flange bearing
unit for Food Industry,
cover

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