

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

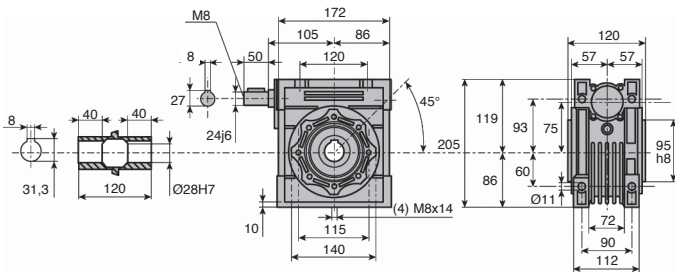
Wheel: bronze CuSn12 (cast iron hub G500)

- 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

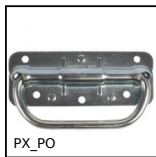
HPC

WEB
04/2020

www.hpceurope.com

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

Our other products



PX_PO
Carrying handle, back-plated



CAP820
Slim slat top chain acetal, Narrow straight range 820



M2
Worm and wheel set, Machined plastic (delrin)



VEL
Self-gripping cable strip, electric and pneumatic cables



PRF_CLIP_45
Cable clip for aluminium profile, For cable chute



DKGS
Backlash free coupling Gerwah®, from 0.5 to 3Nm



BAG-MISS
Split shaft collar with clamp lever, Stainless steel



T10_21_AL
T type timing pulley, Economy range - T10 aluminium



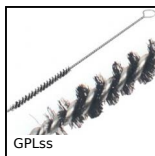
PT821
Drive sprocket for slat top chain, Ranges 821



LRR
Catch-plate for latch, Catch-plate



PRF4590
Standard aluminium profile, 45 x 90 mm



GPLss
Brush, stainless steel

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