

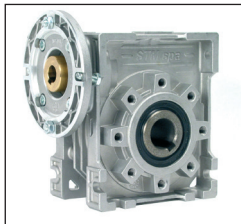


# Worm and wheel gearbox

**Torque up to 298 Nm**

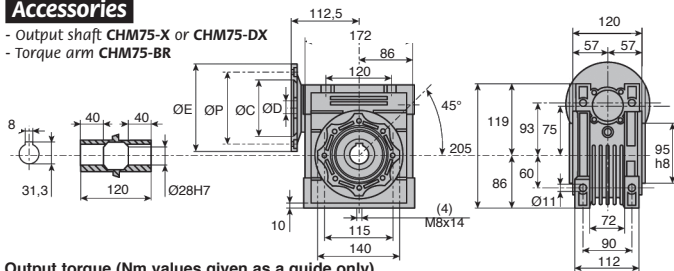
**CHM75**

- Ratios from 7.5:1 to 100:1
- With B14 flange acc IEC80 for ratios 7.5:1 to 15:1
- With B14 mounting flange acc IEC71 for ratios 20:1 to 30:1
- Output backlash: N/A
- Max. input speed: 2,800 rpm
- Max. output speed: see CHMR75
- 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%	-20%	On request

Part number	Reduction ratio	Input flange	ØD	ØC	ØP	ØE	Self locking output	Stock*	Price each
								Stock*	Price each
CHM75-7	7.5:1	90B14	24	95	115	140	no	-	390,49 €
CHM75-10	10:1	90B14	24	95	115	140	no	-	390,49 €
CHM75-15	15:1	90B14	24	95	115	140	no	-	390,49 €
CHM75-20	20:1	80B14	19	80	100	120	no	-	390,49 €
CHM75-25	25:1	80B14	19	80	100	120	no	✓	390,49 €
CHM75-30	30:1	80B14	19	80	100	120	no	-	390,49 €
CHM75-40	40:1	80B14	19	80	100	120	no	-	390,49 €
CHM75-50	50:1	80B14	19	80	100	120	not defined	✓	390,49 €
CHM75-60	60:1	80B14	19	80	100	120	not defined	-	390,49 €
CHM75-80	80:1	80B14	19	80	100	120	not defined	✓	390,49 €
CHM75-100	100:1	80B14	19	80	100	120	yes	✓	390,49 €

\*Depending on availability - Dimensions in mm

## Our other products



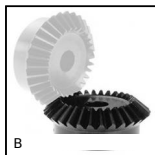
ATZYSS  
Stainless steel diablo shaped elasto mount, Stainless steel



NPTF20  
Fixed tube carrier, Fixed  $\varnothing 10$  to  $\varnothing 14$



E20  
Right angle helical reducers, from 0.60 to 3.84 Nm



B  
Steel bevel gear, 1:1



ZG4  
Plastic spur gear, Machined plastic (delrin)



CNA-CNG  
Right angled mounting plate, Right angled mounting plate for ball jo...



OP7  
Mechanical digital position indicator, 5 numbers



SSB  
Stainless steel bevel gear, 1:1



PRF\_PGN  
Door handle for aluminium profile, Handle with lock suitable



CHAFR  
Adjustable friction hinges, Friction



MACSs  
Stainless steel carabiner, Stainless steel



KKP-AR  
Linear bearing with inclined ball tracks, Heavy loads /  $-20^{\circ}$   $+200^{\circ}$

## 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



PF70  
Worm and wheel gear reducer, up to 164 Nm