

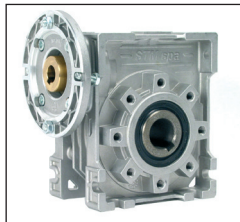


# Worm and wheel gearbox

Torque up to 540 Nm

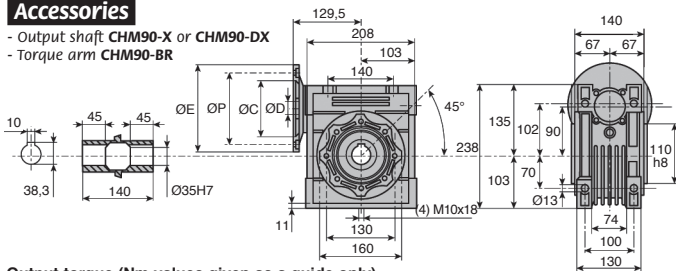
CHM90

- Ratios from 7.5:1 to 100:1
- With B14 flange acc IEC90 for ratios 7.5:1 to 60:1
- With B14 mounting flange acc IEC71 for ratios 80:1 to 100:1
- Output backlash: N/A
- Max. input speed: 2,800 rpm
- Max. output speed: see CHMR90
- 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 **CHM90-X** or **CHM90-DX**
- Torque arm **CHM90-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	208	234	258	258	248	308	274	264	244	224
SPEED (rpm)	1400	288	368	418	388	368	458	408	388	346	278
	500	408	434	438	468	438	540	478	448	398	328

## DISCOUNTS

Qty	1+	2+	4+
Disc. List	-20%	-20%	On request

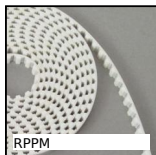
Part number	Reduction ratio	Input flange	ØD	ØC	ØP	ØE	Self locking output	Stock*	Price each
CHM90-7	7,5:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-10	10:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-15	15:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-20	20:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-25	25:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-30	30:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-40	40:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-50	50:1	90B5	24	130	165	200	No	-	509,62 €
CHM90-60	60:1	90B5	24	130	165	200	not defined	-	509,62 €
CHM90-80	80:1	80B5	19	130	165	200	not defined	-	509,62 €
CHM90-100	100:1	80B5	19	130	165	200	Yes	-	509,62 €

\*Depending on availability - Dimensions in mm

## Our other products



Set screw brass tip,  
Brass-point



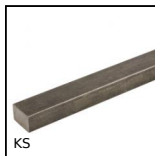
RPP type belt per  
metre, RPP14 Steel  
cored polyurethane



Male wing knob,  
Technopolymer with  
stainless steel spindle



Shaft locking washer,  
E clip



Keysteel, Steel -  
Keystock



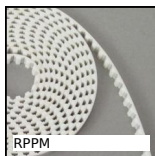
Eco range Spur gear,  
Steel C45



Stainless steel  
carabiner, Stainless  
steel



Chain link, Steel



RPP type belt per  
metre, RPP5 Steel  
cored polyurethane



Quick fitting cable  
terminal, Fork



Magnetic screw with  
socket, Steel



Locking pin with  
interlocking safety  
latch, with  
interlocking safety...

## Complementary products



Shaft for worm and  
wheel reducer CHMR  
and CHM, CHMR and  
CHM gearbox...



Reaction arm, CHM  
and CHMR gear  
reducers reaction arm