

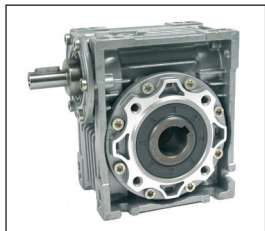
# Worm and wheel gearbox



## CHMR50

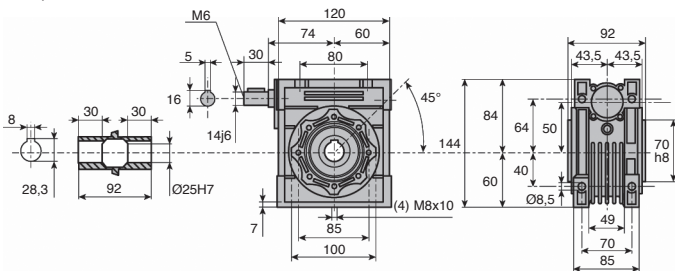
## Torque up to 107 Nm

- 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: 3.5 kg



### Accessories

- Output shaft **CHM50-X** or **CHM50-DX**
- Torque arm **CHM50-BR**



### Output torque (Nm values given as a guide only)

Ratios	7,5:1	10:1	15:1	20:1	25:1	30:1	40:1	50:1	60:1	80:1	100:1
INPUT SPEED (rpm)	2800	51	53	56	52	51	63	58	52	49	44
2800	70	71	73	72	69	83	75	72	67	64	54
900	83	83	83	76	74	89	81	76	71	67	55
500	102	102	102	92	90	107	97	90	82	74	64

### DISCOUNTS

Qty	1+	3+	6+
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 1 to 2
CHMR50-7	7,5:1	2800	373,33	NC	no	✓	206,34 €
CHMR50-10	10:1	2800	280,00	NC	no	✓	206,34 €
CHMR50-15	15:1	2800	186,66	NC	no	✓	206,34 €
CHMR50-20	20:1	2800	140,00	NC	no	✓	206,34 €
CHMR50-25	25:1	2800	112,00	NC	no	-	206,34 €
CHMR50-30	30:1	2800	93,33	NC	no	✓	206,34 €
CHMR50-40	40:1	2800	70,00	NC	no	✓	206,34 €
CHMR50-50	50:1	2800	56,00	NC	not defined	✓	206,34 €
CHMR50-60	60:1	2800	46,66	NC	not defined	✓	206,34 €
CHMR50-80	80:1	2800	35,00	NC	yes	✓	206,34 €
CHMR50-100	100:1	2800	28,00	NC	yes	✓	206,34 €

\*Depending on availability - Dimensions in mm

## Our other products



SLBS  
Stainless steel indexing plunger,  
Stainless steel



PRF19\_E  
Bracket for aluminium  
profile, PRF19 to  
PRF45



VLBG  
Lifting ring, Rotating



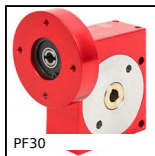
WJRM  
Drylin® W hybrid  
bearing block, Hybrid  
bearings



G4  
Steel spur gear, Steel  
20NCD2



DEP  
Tools Hygienic Usit®  
and Hygienic  
Design®, Protective  
insert for s...



PF30  
Worm and wheel gear  
reducer, up to 8.80  
Nm



H1  
Crossed helical gear  
crossed axis at 90°,  
Steel 20NCD2



BOXKK  
Boxed set of  
DIN6885A keys,  
Boxed set - Steel or



D-PAR\_SS  
Stainless steel elasto  
mount, stainless steel



MBEX  
Hexagonal ended  
handle, Hexagonal  
ended handle



PRF\_ART  
Articulated bracket for  
use with aluminium  
profile, Standard

## 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



P45  
Worm and wheel gear  
reducer, up to 40 Nm



P55  
Worm and wheel gear  
reducer, up to 57 Nm