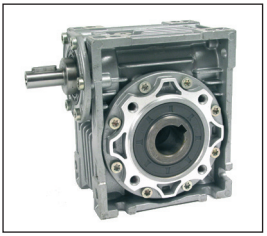
Worm and wheel gearbox

CHMR50

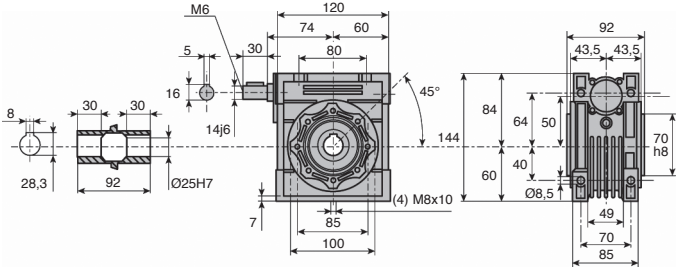
Torque up to 107 Nm

- ***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	39
	1400	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*