



Worm and wheel gearbox

Torque up to 107 Nm

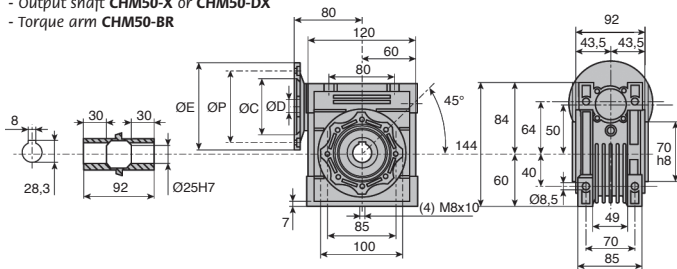
CHM50

- Ratios from 7.5:1 to 100:1
- With B14 (IEC71) flange
- Output backlash: N/A
- Max. input speed: 2,800 rpm
- Max. output speed: see CHMR50
- 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
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	Input flange	ØD	ØC	ØP	ØE	Self locking output	Stock*	Price each 1 to 2
CHM50-7	7,5:1	71B14	14	70	85	105	no	✓	206,34 €
CHM50-10	10:1	71B14	14	70	85	105	no	✓	206,34 €
CHM50-15	15:1	71B14	14	70	85	105	no	✓	206,34 €
CHM50-20	20:1	71B14	14	70	85	105	no	✓	206,34 €
CHM50-25	25:1	71B14	14	70	85	105	no	-	206,34 €
CHM50-30	30:1	71B14	14	70	85	105	no	✓	206,34 €
CHM50-40	40:1	71B14	14	70	85	105	no	✓	206,34 €
CHM50-50	50:1	71B14	14	70	85	105	not defined	✓	206,34 €
CHM50-60	60:1	71B14	14	70	85	105	not defined	-	206,34 €
CHM50-80	80:1	71B14	14	70	85	105	yes	✓	206,34 €
CHM50-100	100:1	71B14	14	70	85	105	yes	✓	206,34 €

*Depending on availability - Dimensions in mm

Our other products



CHT

Asynchronous AC Motor, 0.18 to 0.55kW



MHQMEP

Arm with rotating handle, Square bore



PSG15

Spur gear - precision range, Pre-hardened Steel 35NCD6



UCF

Cast iron flange bearing unit, Cast iron



SEV

Vertical stirrup toggle clamp, Vertical Latch Clamp - steel



TBD

Manual leadscrew table with opposing threads, 5kg



S2B

Short linear bearing housing, Closed - Slim



VQT

Quarter-turn clamp lock, Plastic or stainless steel button



HTD3M_09

HTD Heavy duty timing pulley, HTD3 Aluminium



J53

Spur gear coaxial gearbox, from 0.43 to 1.15 - Inline



CHAK

Hi-Klik TM indent hinge, Hi-Klik™ - Detent hinge



SCR

Suction cup threaded insert, Adaptor for insert

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



PF45

Worm and wheel gear reducer, up to 40 Nm



PF55

Worm and wheel gear reducer, up to 57 Nm