

Output Torque Range
1.5Nm to 9Nm

Ratio
1:1 - 40:1

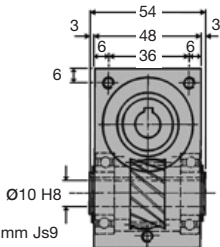
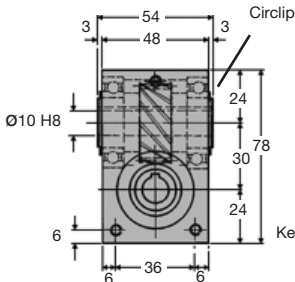
Gearboxes

HPCE30

Wormwheel, Reduction (Hardened Worm)

WEIGHT	0.720 Kg
BACKLASH	1° approx
HOURS LIFE	12000 hr
MATERIAL:	
CASE MAT'L	Aluminium HE30TF
WORM MAT'L	655M13 Case Hardened
WHEEL MAT'L	Aluminium Bronze CA104
GREASED FOR LIFE	Shell Gadus

(12) tapped
M4 x 10 deep



N.m.	RPM Input	Reduction ratio			
		8:1	10:1	20:1	40:1
Output Torque	3000	-	-	-	-
	2000	-	-	-	-
	1000	3.6	4.2	4.7	5.0
	500	4.9	5.3	5.6	6.0
	100	6.5	7.0	7.1	7.3
	50	7.9	8.4	8.5	8.6
	10	8.5	8.7	8.9	9.0

DISCOUNTS

Quantity	List Price
1 - 5	
6 - 19	-5%
20 - 49	-10%
50 - 99	-15%
100 +	-20%

PART NUMBER	Ratio	Type	% Effi. @ 1000 Rpm	Max I/P Speed	Max O/P Speed	Back-drive	PRICE EACH 1-5	
HPCE30-8	8:1	worm wheel	80	1500	187	YES	£200.01	
HPCE30-10	10:1	worm wheel	73	1500	150	YES	£200.01	
HPCE30-20	20:1	worm wheel	67	1500	75	NO	£200.01	
HPCE30-40	40:1	worm wheel	60	1500	37	NO	£200.01	
HPCE30-SP	1:1 - 40:1	Special Ratios: Replace SP with required ratio						£323.39
HPCE30-SPA	1:1 - 40:1	Low Backlash ≤ 30'. Replace SP with required ratio						£323.39
HPCE30-SPLH	1:1 - 40:1	Left Hand Helicals: Replace SP with required ratio						£323.39

Output Shafts: HPCE30-X (Single), HPCE30-DX (Double): See page 1.35

Special bores and other modifications are available. Please contact Technical Sales department.

Testing in your application is necessary. You will need to assess duty, cycles and confirm gearbox suitability with your own calculations. Torque figures are to be used for guidance only.

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1.27

Gearboxes CROSSED HELICAL, REDUCTION GEARBOX HPCE30