

Gearboxes

Output Torque Range
5.8Nm to 23Nm

Ratio
2:1 - 7:1

Offset Spur Gear Reducers

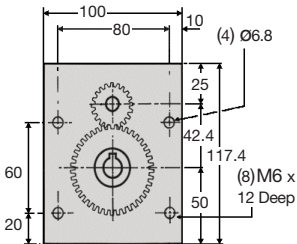
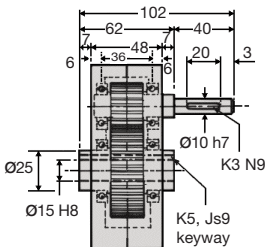
HPCFF20

HPCFF20



OFFSET SPUR GEAR REDUCERS

WEIGHT	1.9 Kg
BACKLASH (approx.)	1° approx
HOURS LIFE	12000 hr
MAX INPUT SPEED	2000 rpm
MATERIAL:	
CASE MAT'L	Aluminium HE30TF
GEAR MAT'L	817M40 (EN24) & 655M13 Case/HD (EN36)
GREASED FOR LIFE	Shell Gadus



N.m.	RPM Input	Reduction ratio					
		2:1	3:1	4:1	5:1	6:1	7:1
Output Torque	2000	9.20	8.70	8.00	6.90	6.60	5.80
	1000	10.8	10.2	9.50	8.20	7.80	6.90
	500	12.5	11.8	11.0	9.60	9.00	8.20
	200	15.0	14.2	13.1	11.5	10.8	9.80
	100	16.7	15.7	14.6	12.8	12.0	10.9
	50	19.2	18.1	16.8	14.5	13.8	12.5
	10	23.0	21.6	20.0	17.5	16.5	15.0

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

PART NUMBER	Ratio	% Eff. @ 1000 rpm	Max Input Speed	Max Output Speed	Nm Output @ 1000 rpm	PRICE EACH 1-5
HPCFF20-2	2:1	93	2000	1000	10.80	£234.13
HPCFF20-3	3:1	93	2000	666	10.20	£234.13
HPCFF20-4	4:1	93	2000	500	9.50	£234.13
HPCFF20-5	5:1	93	2000	400	8.20	£234.13
HPCFF20-6	6:1	93	2000	333	7.80	£234.13
HPCFF20-7	7:1	93	2000	285	6.90	£234.13
HPCFF20-XH	Hardened Gears 2:1 to 7:1 multiply torque figures by 2					£391.15

Other Info.

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.

1.54



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