

# Inline Spur Gear Reducers

Output Torque  
12.8 - 44.0Nm

Ratio  
1:1 - 9:1

## Double or Single Shafted

NT91 / NH91

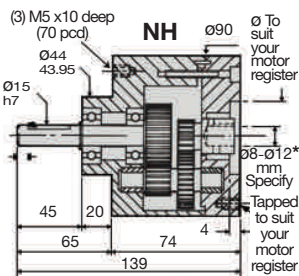
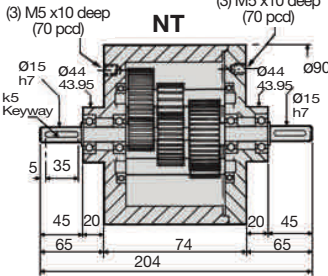
HEAVY DUTY WITH HARDENED OUTPUT GEARS & SHAFTS

NT91 / NH91



<b>WEIGHT</b>	1.60/3.00 Kg
<b>BACKLASH</b>	3° - 6° Depending on Ratio
<b>HOURS LIFE</b>	12000
<b>MAX INPUT SPEED</b>	3000 rpm
<b>MATERIAL :</b>	
<b>CASE MAT'L</b>	Aluminium Body & Caps
<b>GEAR MAT'L</b>	655M13 Case Hardened
<b>GREASED FOR LIFE</b>	Shell Alvania

INLINE SPUR GEAR REDUCERS



Input Bore, Tapped Holes & Register must be specified when ordering.

N.m.	RPM Input	Reduction							
		1:1	2:1	3:1	4:1	5:1	6:1	8:1	9:1
Output Torque	3000	12.8	12.8	13.0	13.7	14.5	15.4	16.1	17.1
	2000	14.9	14.9	15.4	16.1	16.8	17.7	18.5	19.5
	1000	17.5	17.5	17.7	18.4	19.2	20.1	21.0	21.9
	500	20.1	20.1	20.7	21.5	22.5	23.6	24.7	26.0
	200	23.2	23.2	23.6	24.7	25.9	27.2	28.2	29.5
	100	26.5	26.5	27.2	27.5	27.9	28.4	30.5	33.0
	50	31.8	31.8	32.5	33.8	35.2	36.6	38.0	39.6
	20	35.6	35.6	36.5	38.0	39.8	41.0	42.2	44.0

\*8mm Plain bore, no keyslot

### DISCOUNTS

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

PART NUMBER	Ratio	Max O/P Speed rpm	N.M. Rating @ 1000 rpm	Mod	Standard Direction	PRICE EACH 1-5
HPCNT91-1 HPCNH91-1	1:1	3000	14.9	1.25	Opposite	£490.95
HPCNT91-2 HPCNH91-2	2:1	1500	14.9	1.25	Same	£365.72
HPCNT91-3 HPCNH91-3	3:1	1000	15.4	1.25	Same	£365.72
HPCNT91-4 HPCNH91-4	4:1	750	16.1	1.25	Same	£365.72
HPCNT91-5 HPCNH91-5	5:1	600	16.8	1.25	Opposite	£365.72
HPCNT91-6 HPCNH91-6	6:1	500	17.7	1.25	Opposite	£365.72
HPCNT91-8 HPCNH91-8	8:1	375	18.5	1.25	Opposite	£365.72
HPCNT91-9 HPCNH91-9	9:1	333	19.5	1.25	Opposite	£365.72
HPCNT91-SP or HPCNH91-SP Special Ratios: Replace SP with required ratio						£381.26

Testing in your application is necessary.

Efficiency @ 1000 R.P.M.: 90%

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

1.80



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