

# Inline Spur Gear Reducers

Output Torque  
20.0 - 68.0Nm

Ratio  
1:1 - 9:1

## Double or Single Shafted

NT121 / NH121

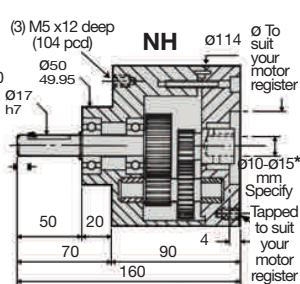
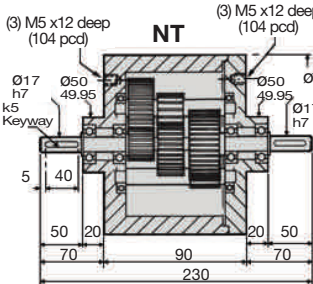
HEAVY DUTY WITH HARDENED OUTPUT GEARS & SHAFTS

NT121 / NH121



<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	20.0	20.0	20.0	21.1	22.2	23.5	29.7	26.0
	2000	23.0	23.0	23.6	24.7	26.0	27.4	28.6	30.0
	1000	27.1	27.1	27.5	28.6	29.7	31.0	32.5	34.0
	500	31.5	31.5	32.0	33.3	34.8	36.4	38.0	40.0
	200	35.0	35.0	35.5	37.2	39.0	40.8	42.8	45.0
	100	40.0	40.0	41.0	41.8	42.7	43.6	47.0	51.0
	50	47.2	47.2	48.0	50.2	52.5	55.0	58.0	61.0
	20	53.0	53.0	55.0	57.0	60.0	62.0	65.0	68.0

\*10mm 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
HPCNT121-1 HPCNH121-1	1:1	3000	23.0	1.75	Opposite	£506.84
HPCNT121-2 HPCNH121-2	2:1	1500	23.0	1.75	Same	£455.09
HPCNT121-3 HPCNH121-3	3:1	1000	23.6	1.75	Same	£455.09
HPCNT121-4 HPCNH121-4	4:1	750	24.7	1.75	Same	£455.09
HPCNT121-5 HPCNH121-5	5:1	600	26.0	1.75	Same	£455.09
HPCNT121-6 HPCNH121-6	6:1	500	27.4	1.75	Same	£455.09
HPCNT121-8 HPCNH121-8	8:1	375	28.6	1.75	Same	£455.09
HPCNT121-9 HPCNH121-9	9:1	333	30.0	1.75	Same	£455.09
HPCNT121-SP or HPCNH121-SP	Special Ratios: Replace SP with required ratio					£506.84

Testing in your application is necessary.

Efficiency @ 1000 R.P.M: 92%

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

1.82



Unit 14, Foxwood Industrial Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN

Telephone +44(0)1246 268080 Fax +44(0)1246 260003