

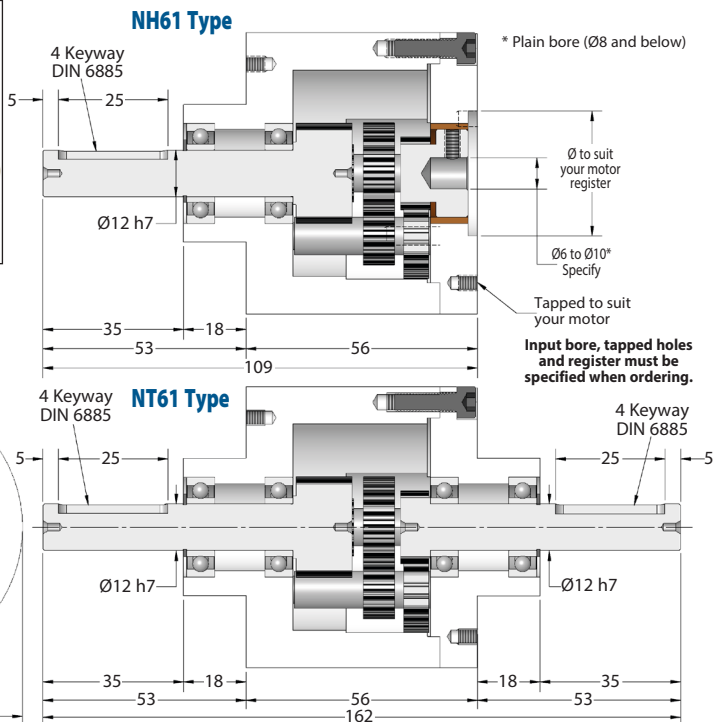
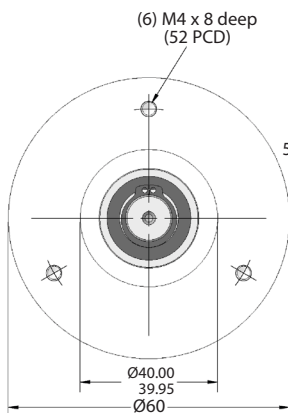
GEARBOXES

Inline Spur Gear Reducers

12mm Double or Single Shaft, 5 – 14 Nm **1:1 - 9:1**

e-cad
Drawings
Available

**NT61
NH61**



Part Number	Ratio	Efficiency at 1000 Rpm	Nm output at 1000 Rpm	Standard Direction
NT61-1/OPP NH61-1/OPP	1:1	92%	6.50	Opposite
NT61-2 NH61-2	2:1	92%	6.50	Same
NT61-3 NH61-3	3:1	92%	6.50	Same
NT61-4 NH61-4	4:1	92%	6.50	Same
NT61-5 NH61-5	5:1	88%	7.00	Opposite
NT61-6 NH61-6	6:1	88%	7.00	Opposite
NT61-8 NH61-8	8:1	88%	7.00	Opposite
NT61-9 NH61-9	9:1	88%	7.00	Opposite
NT61-SP NH61-SP	1:1 - 9:1	Special Ratios : Replace SP with required ratio		

NT61 Weight: 0.61 kg.

Backlash: Depends on ratio.

Max. Input Speed: 3,000 Rpm.

Greased for Life: Shell Gadus S5 V42P 2.5.

Max. Overhung and Thrust Loads at 1000 Rpm:

Output Overhung Load (F_{a0}) = 12 kg. Output Thrust Load (F_{t0}) = 10 kg.

Shaft Keys: KK4-25.

Testing in your application is necessary.

You will need to assess duty cycles and confirm gearbox suitability with your own calculations.

All figures listed are to be used for guidance only.

Output Torque Nm

Rpm Input	Reduction Ratio							
	1:1	2:1	3:1	4:1	5:1	6:1	8:1	9:1
3000	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
2000	5.5	5.5	5.5	5.5	6.0	6.0	6.0	6.0
1000	6.5	6.5	6.5	6.5	7.0	7.0	7.0	7.0
500	7.5	7.5	7.5	7.5	8.0	8.0	8.0	8.0
200	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
100	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
50	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
10	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0