

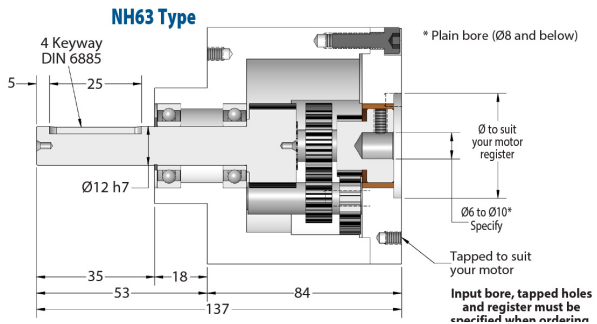
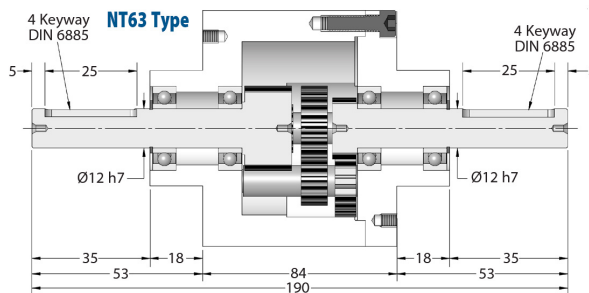
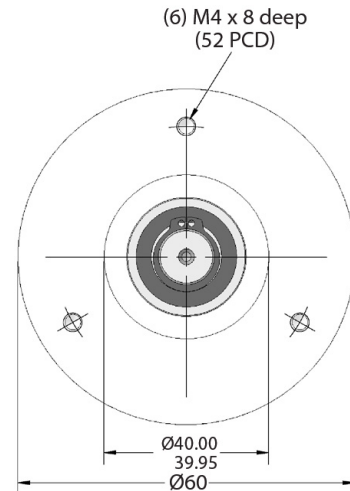
**NT63
NH63**

GEARBOXES

Inline Spur Gear Reducers

12mm Double or Single Shaft, 8 - 20 Nm **1:1 - 120:1**

**NT63
NH63**



Part Number		Ratio	Efficiency at 1000 Rpm	Nm Output at 1000 Rpm	Standard Direction
NT63-1/OPP	NH63-1/OPP	1:1	80%	9	Opposite
NT63-30	NH63-30	30:1	80%	9	Opposite
NT63-36	NH63-36	36:1	80%	10	Opposite
NT63-40	NH63-40	40:1	80%	10	Opposite
NT63-48	NH63-48	48:1	80%	10	Opposite
NT63-54	NH63-54	54:1	80%	10	Opposite
NT63-81	NH63-81	81:1	80%	10	Opposite
NT63-120	NH63-120	120:1	80%	10	Same
NT63-SP	NH63-SP	1:1 - 120:1	Special Ratios : Replace SP with required ratio		

NT63 Weight: 0.64 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 (Fxa) = 12 kg. Output Thrust Load (Fa) = 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	30:1	36:1	40:1	48:1	54:1	81:1	120:1
3000	8.0	8.0	9.0	9.0	9.0	9.0	10.0	10.0
2000	8.5	8.5	9.0	9.0	9.0	9.0	10.0	10.0
1000	9.0	9.0	10.0	10.0	10.0	10.0	10.0	10.0
500	10.0	10.0	11.0	11.0	11.0	11.0	11.0	11.0
200	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
100	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
50	16.0	16.0	17.0	17.0	17.0	17.0	17.0	17.0
10	19.0	19.0	20.0	20.0	20.0	20.0	20.0	20.0

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