EHD08

Inline Epycyclic Planetary Gearbox

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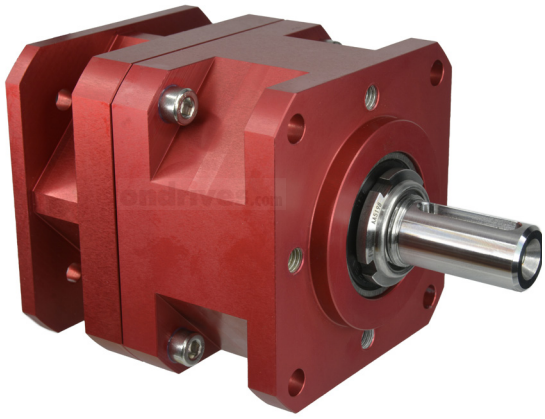
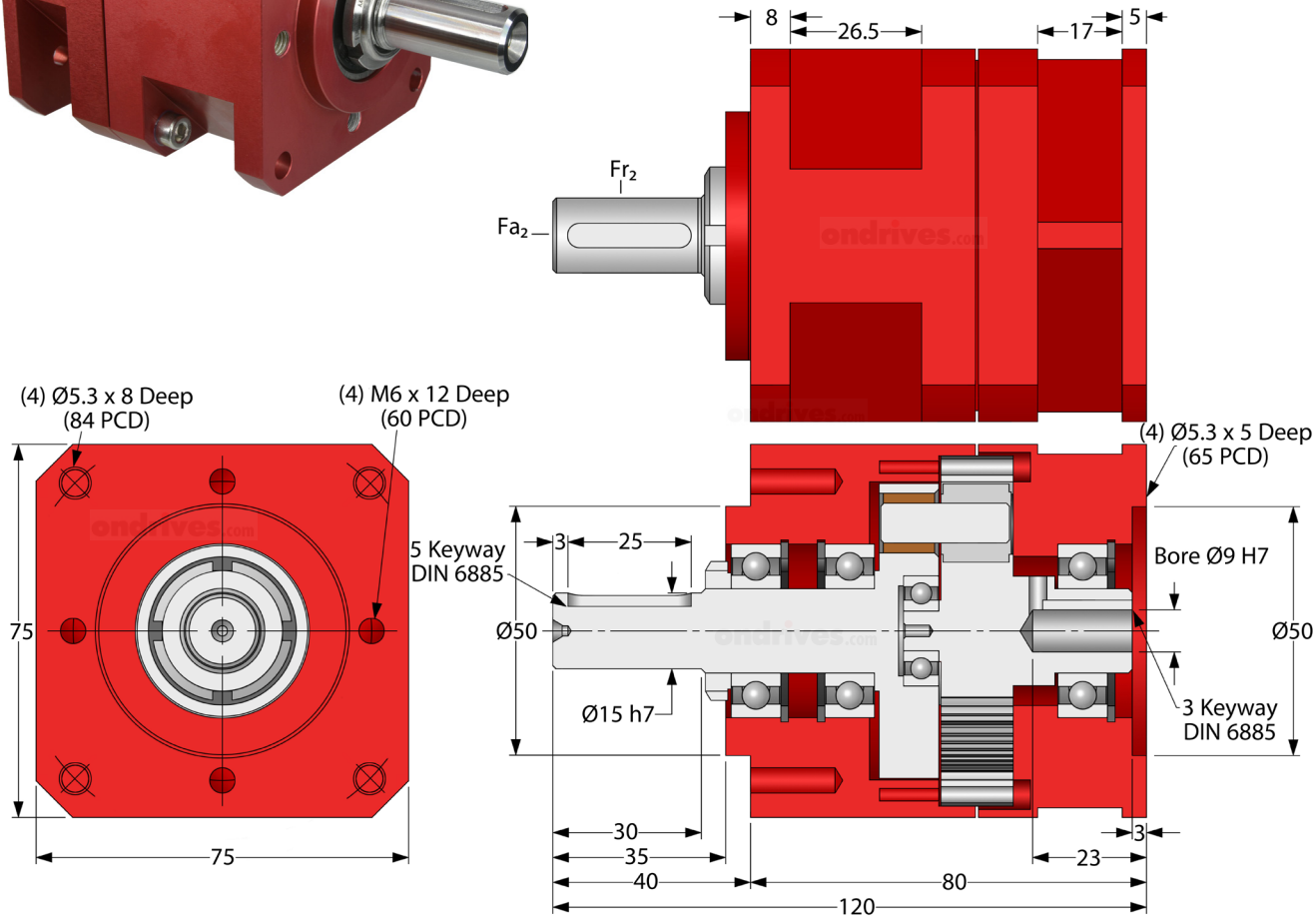
Inline Epycyclic Planetary 75x75 Gearbox Reducers

9mm Input Bore • 15mm Output Shaft • T_{2max} 45Nm - 50Nm • ***3:1 - 6:1***





	Part Numbers					
Output Backlash j	**Output Backlash j A**	**Output Backlash j AR**	**Gear Ratio i**	**Efficiency ηz**	**Output Rotation Direction**	**Nom Output Torque T_2n**
≤0.25°	**≤0.13°**	**≤0.066°**		**n1nom**		**Nm**
EHD08-3	EHD08-3A	EHD08-3AR	3:1	92%	Same as Input	35
EHD08-4	EHD08-4A	EHD08-4AR	4:1	92%	Same as Input	35
EHD08-5	EHD08-5A	EHD08-5AR	5:1	92%	Same as Input	35
EHD08-6	EHD08-6A	EHD08-6AR	6:1	92%	Same as Input	28

Weight: 1.4 kg.
Nom. Input Speed [S1 T_2n] n1nom: 1,000 min^{-1} (r/min)
Max. Input Speed n1max: 3,000 min^{-1} (r/min)
Lubrication: Grease Shell Gadus S5 V4P 2.5
Lubrication Temperature: Max. Operating ≈ 60°c
Max. Output Radial Load F_{r2} : 300N.
Max. Output Axial Load F_{a2} : 200N.

Testing in your application is necessary.
You will need to assess duty cycles and confirm suitability with your own calculations.
Figures listed are for guidance only.
Cooling may be needed dependent on application.

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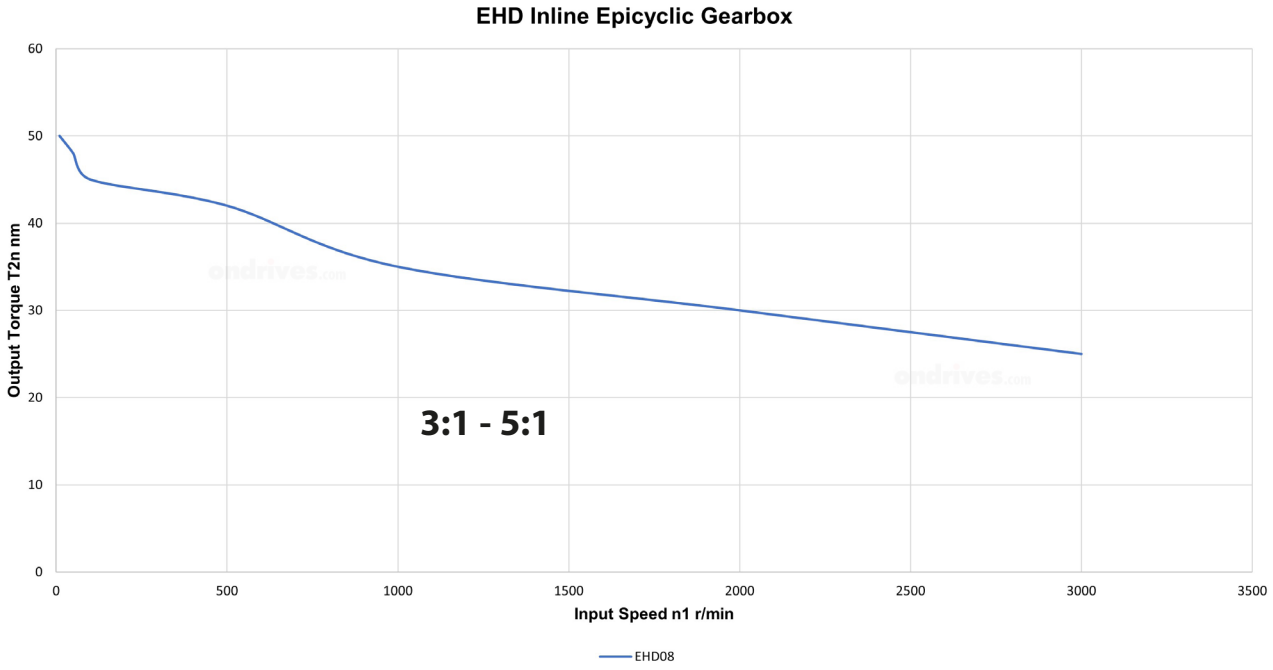

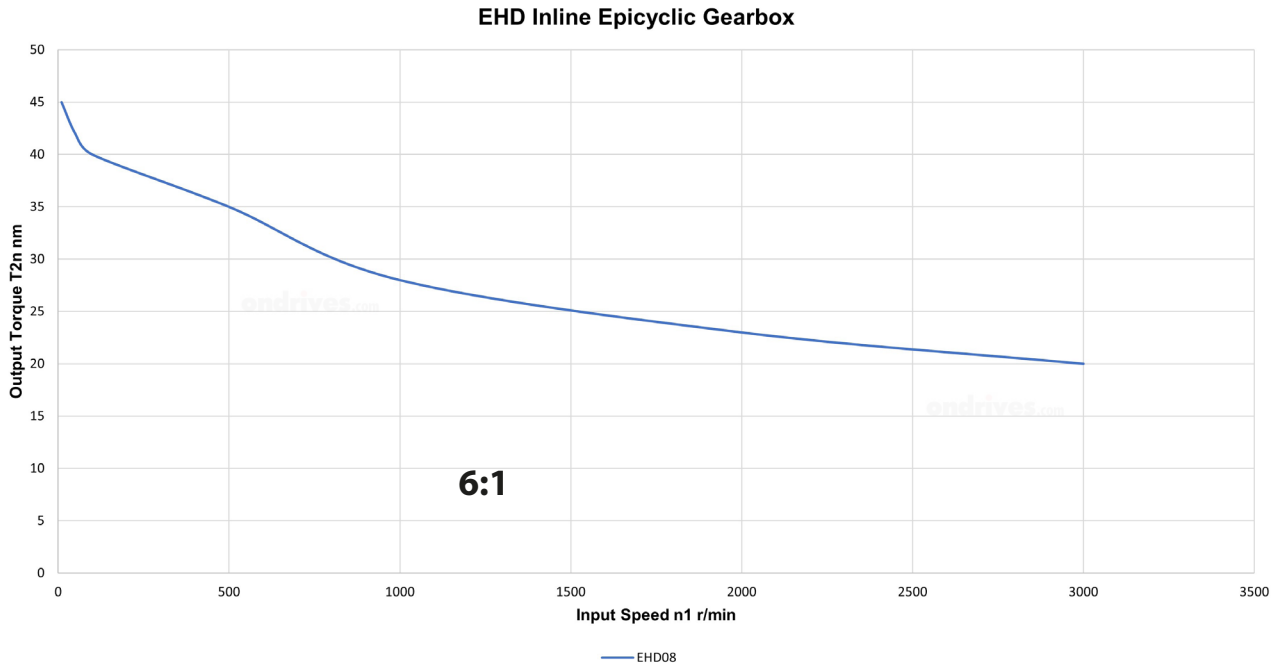

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