

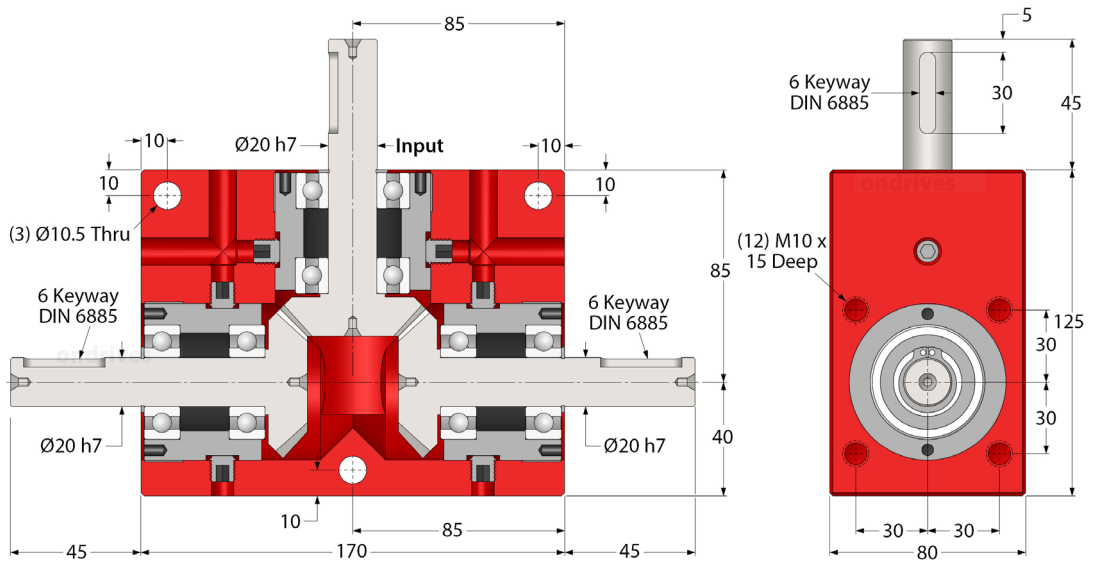
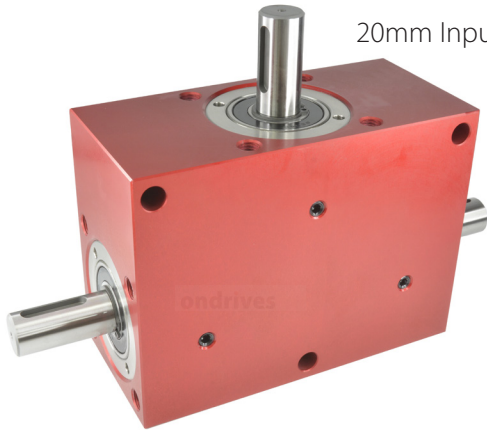
BLHM60

# ondrives

Precision Gears

## Spiral Bevel Gearboxes

20mm Input Shaft • 20mm Counter-Rotating Output Shafts •  $T_{2n}$  25-35Nm **1:1 - 2:1**



	Part Numbers				
Output Backlash j	Output Backlash j A	Output Backlash j AR	Gear Ratio i	Efficiency $\eta z$	Reflected Inertia at Input
$\leq 0.75^\circ$	$\leq 0.50^\circ$	$\leq 0.166^\circ$		$n1_{nom}$	$kg \cdot m^2$
BLHM60-1	BLHM60-1A	BLHM60-1AR	1:1	88%	$1.99 \times 10^{-4}$
BLHM60-2	BLHM60-2A	BLHM60-2AR	2:1	88%	$3.87 \times 10^{-5}$

**Weight:** 5.2kg.

**Nom. Input Speed [S5  $T_{2n}$ ]  $n1_{nom}$ :** 1,000  $min^{-1}$  (r/min)

**Max. Input Speed  $n1_{max}$ :** 3,000  $min^{-1}$  (r/min)

**Lubrication:** Grease Shell Gadus S2 V220AD 2

**Lubrication Temperature:** Max. Operating  $\approx 60^\circ C$

**Max. Input Radial Load  $F_{r1}$ :** 300N.

**Max. Output Radial Load  $F_{r2}$ :** 300N.

**Max. Input Axial Load  $F_{a1}$ :** 150N.

**Max. Output Axial Load  $F_{a2}$ :** 150N.

Testing in your application is necessary.

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

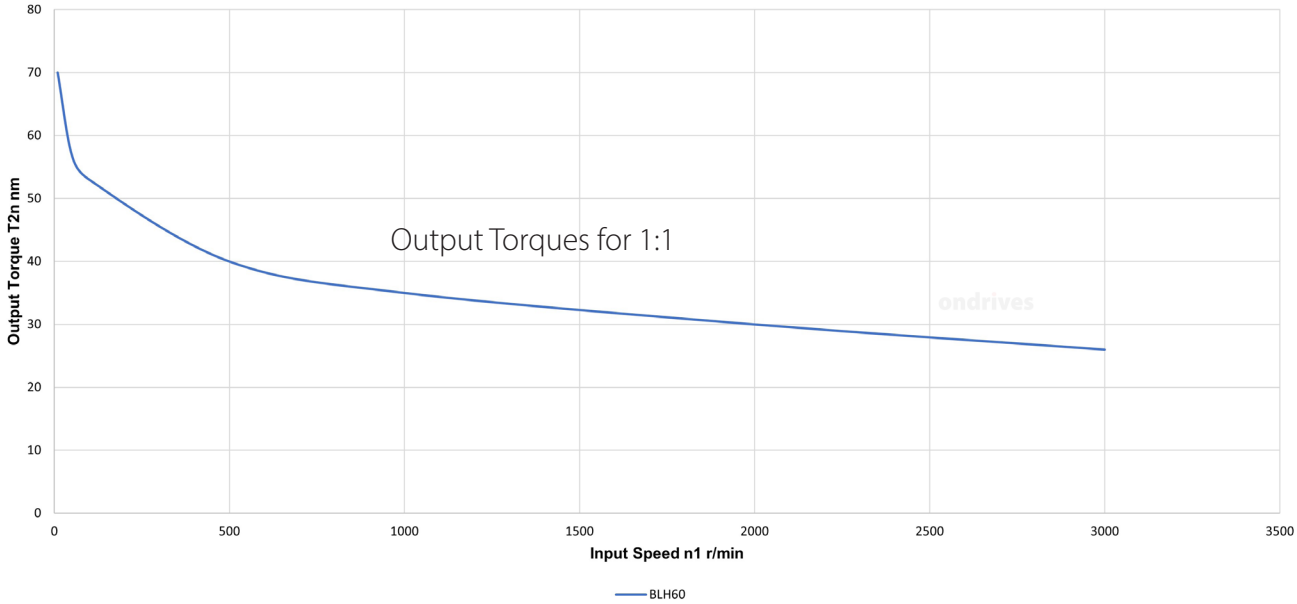
Figures listed are for guidance only.

Cooling may be needed dependent on application.

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BLH Series Spiral Bevel Gearbox



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