

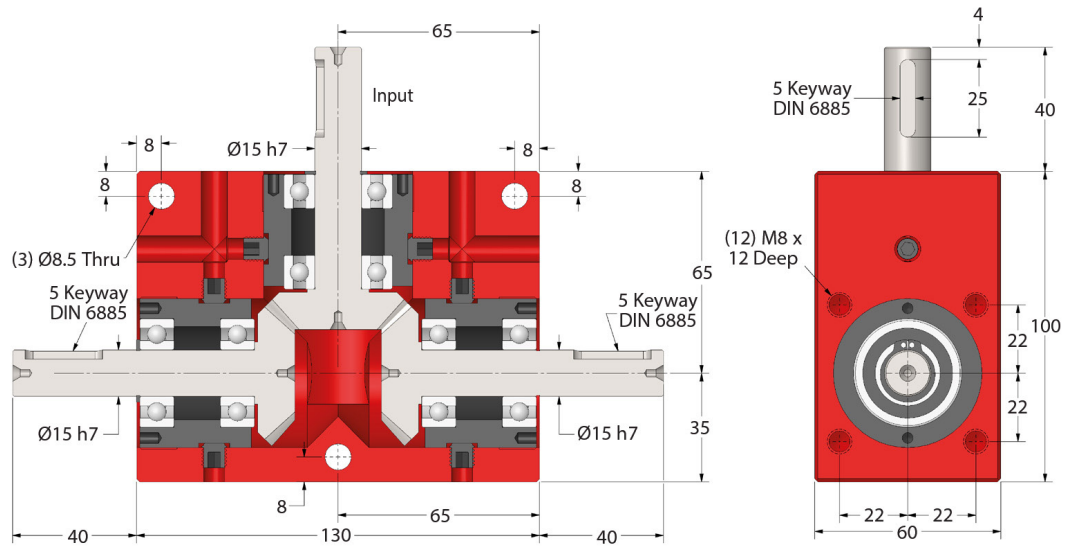
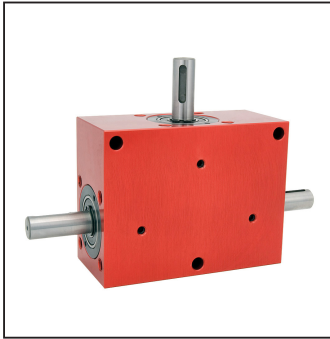
BLHM50

# GEARBOXES

BLHM50

## Bevel Heavy Duty Gearbox - Counter Rotating Outputs

Hardened Spiral Bevels 7.7 – 30 Nm 1:1 - 2:1



Part Number			Ratio	Efficiency at 1000 RPM
Standard ≈1°	Low Standard ≤30'	Red. Standard ≤10'		
BLHM50-1	BLHM50-1A	BLHM50-1AR	1:1	88%
BLHM50-2	BLHM50-2A	BLHM50-2AR	2:1	88%

Weight: 2.527 kg approx.

Output Backlash: ≈1°.

Max. Input Speed: 3,000 Rpm.

Greased for Life: Shell Gadus S2 V220AD 2.

Input/Output Key: KK5-25.

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
3000	11.5	7.7
2000	13.2	8.7
1750	13.9	9.1
1000	15.9	10.2
500	17.5	11.6
100	23.0	15.0
50	25.0	17.0
10	30.0	20.0

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