

**BLH30  
BLHT30**

# GEARBOXES

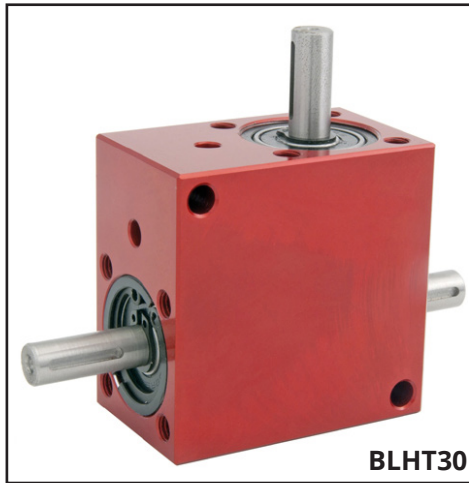
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## Bevel & Bevel Tee Heavy Duty Gearbox

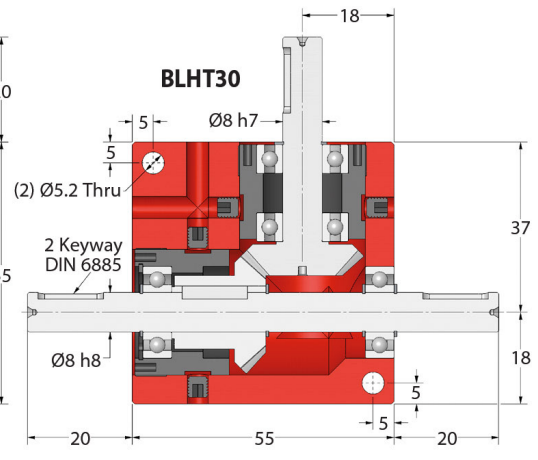
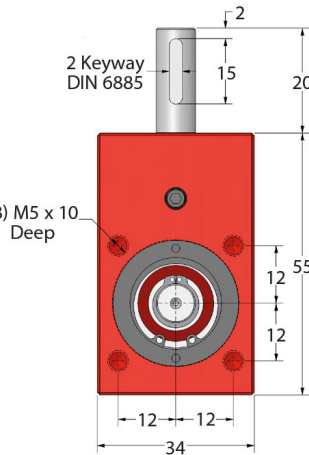
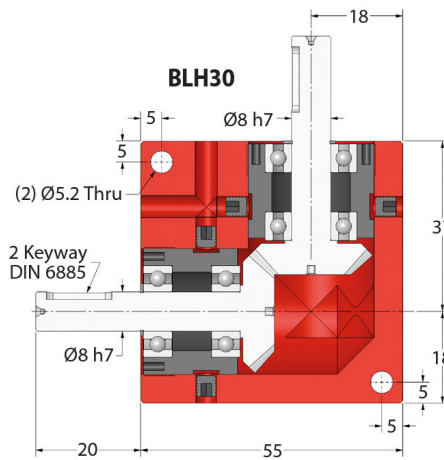
Hardened Bevels 1.32 – 4.4 Nm **1:1 - 2:1**



**BLH30**



**BLHT30**



Part Number	Ratio	Efficiency at 1000 Rpm	Reflected Inertia at Input (kg.m <sup>2</sup> )
<b>BLH30-1 BLHT30-1</b>	1:1	88%	2.19 x 10 <sup>-6</sup>
<b>BLH30-2 BLHT30-2</b>	2:1	88%	5.00 x 10 <sup>-7</sup>

Weight: BLH: 0.28 kg, BLHT: 0.30 kg.  
Output Backlash: ≈1°.  
Max. Input Speed: 3,000 Rpm.  
Greased for Life: Shell Gadus S2 V220AD 2.  
Input/Output Key: KK2-14.

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
<b>3000</b>	1.65	1.32
<b>2000</b>	1.81	1.45
<b>1000</b>	2.20	1.76
<b>500</b>	2.51	2.00
<b>100</b>	3.38	2.70
<b>50</b>	3.70	3.00
<b>10</b>	4.40	3.54