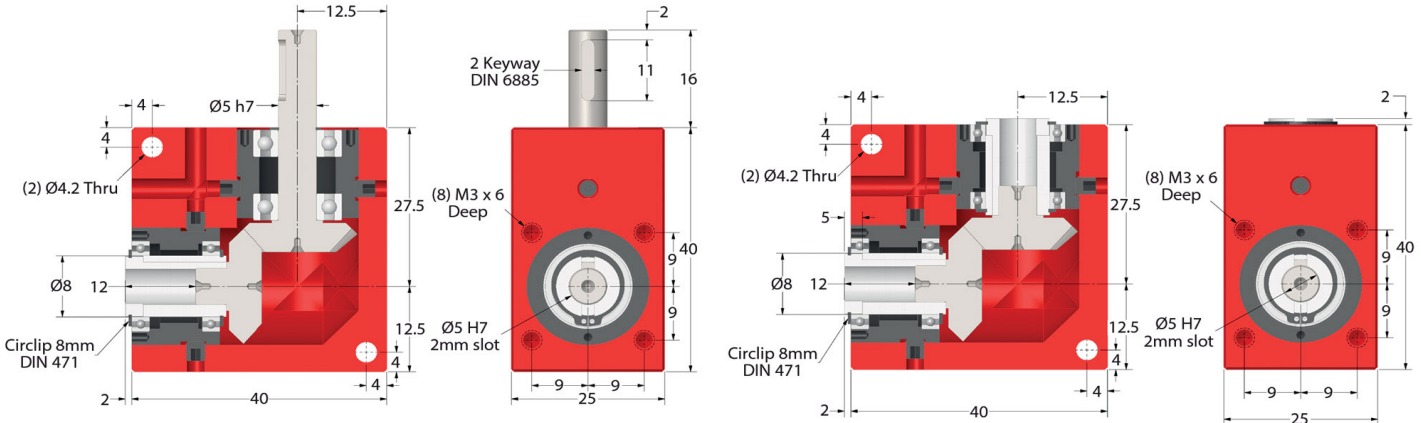
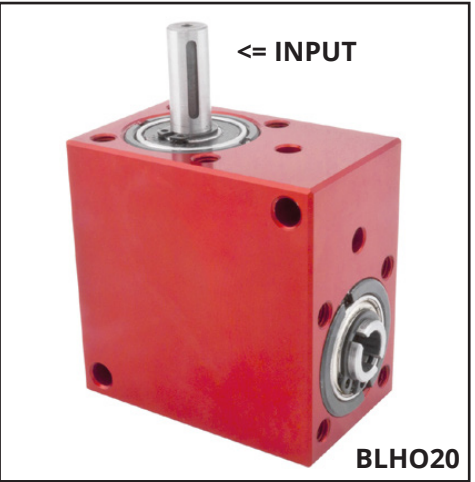
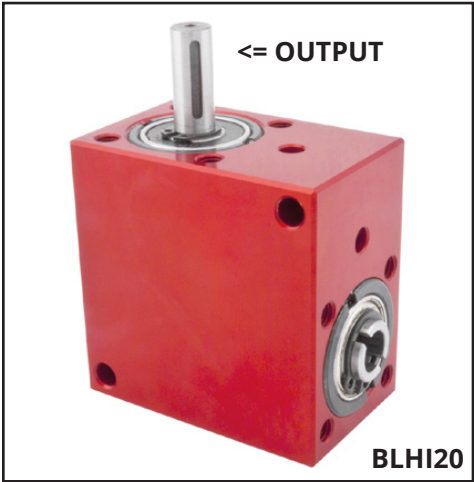


**BLHI20  
BLHO20  
BLHB20**

# GEARBOXES

**BLHI20  
BLHO20  
BLHB20**

**Bevel Bore Heavy Duty Gearbox**  
Hardened Bevels - Bore Type 0.53 – 1.77 Nm **1:1 - 2:1**



BLHI20 (Bore Input) & BLHO20 (Bore Output) Type  
1:1 ratio BLHI20 only

BLHB20 Type (Bore Input & Bore Output)

Part Number			Ratio	Efficiency at 1000 Rpm
Standard $\approx 1^\circ$	Low Backlash <30'	Red. Backlash <10'		
BLHI20-1	BLHI20-1A	BLHI20-1AR	1:1	88%
BLHI20-2	BLHI20-2A	BLHI20-2AR	2:1	88%
BLHB20-1	BLHB20-1A	BLHB20-1AR	1:1	88%
BLHB20-2	BLHB20-2A	BLHB20-2AR	2:1	88%
BLHO20-2	BLHO20-2A	BLHO20-2AR	2:1	88%

Shaft modifications also available

Output Backlash:  $\approx 1^\circ$ .  
Max. Input Speed: 3000 Rpm.  
Greased for Life: Shell Gadus S2 V220AD 2.  
Shaft Key: KK2-10.  
Bores (pin driven): DH / DP, SEP / EP, SAP / SRP 2mm x 8 long.

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	0.66	0.53
2000	0.72	0.58
1750	0.76	0.61
1000	0.88	0.70
500	1.00	0.80
100	1.35	1.08
50	1.48	1.18
10	1.77	1.41



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