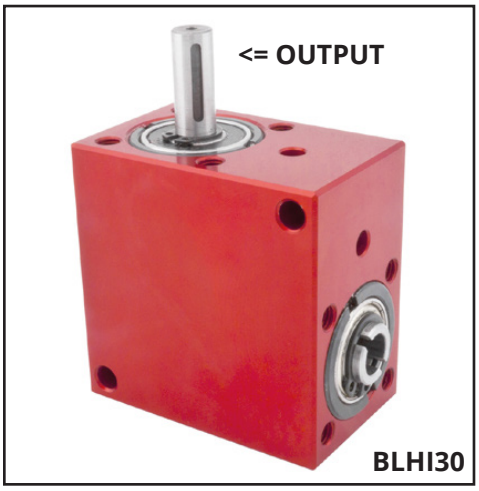
BLHI30
BLHO30
BLHB30

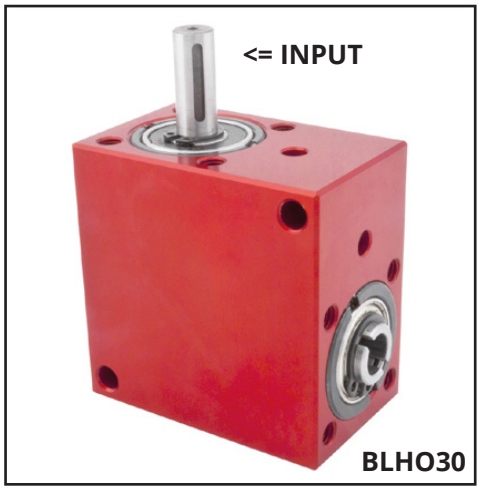
GEARBOXES

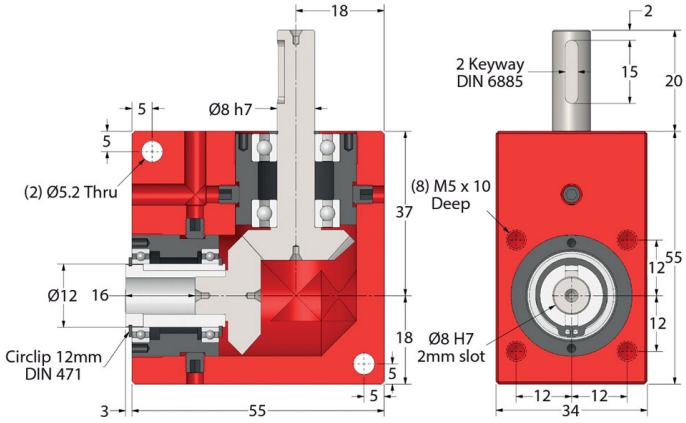
Bevel Bore Heavy Duty Gearbox

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

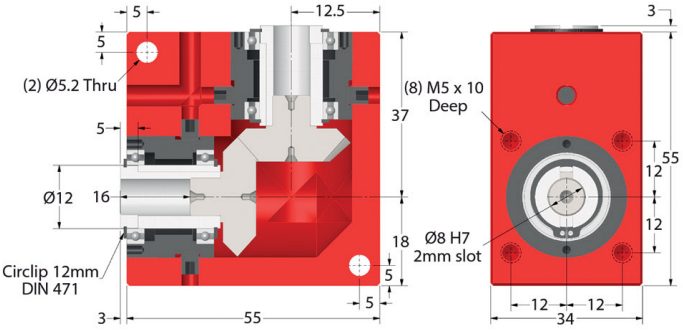
BLHI30
BLHO30
BLHB30







BLHI30 (Bore Input) & BLHO30 (Bore Output) Type
1:1 ratio BLHI30 only



BLHB30 Type (Bore Input & Bore Output)

Part Number				Shaft modifications also available
Standard ≈1°	Low Backlash <30′	Red. Backlash <10′	Ratio	Efficiency at 1000 Rpm
BLHI30-1	BLHI30-1A	BLHI30-1AR	1:1	88%
BLHI30-2	BLHI30-2A	BLHI30-2AR	2:1	88%
BLHB30-1	BLHB30-1A	BLHB30-1AR	1:1	88%
BLHB30-2	BLHB30-2A	BLHB30-2AR	2:1	88%
BLHO30-2	BLHO30-2A	BLHO30-2AR	2:1	88%

Output Backlash: ≈1°.
Max. Input Speed: 3,000 Rpm.
Greased for Life: Shell Gadus S2 V220AD 2.
Shaft Key: KK2-14.
Bores (pin driven): DH / DP, SEP / EP, SAP / SRP 2mm x 12 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	Reduction Ratio	
Input	1:1	2:1
3000	1.65	1.32
2000	1.81	1.45
1750	1.91	1.53
1000	2.20	1.76
500	2.51	2.00
100	3.38	2.70
50	3.70	3.00
10	4.40	3.54

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