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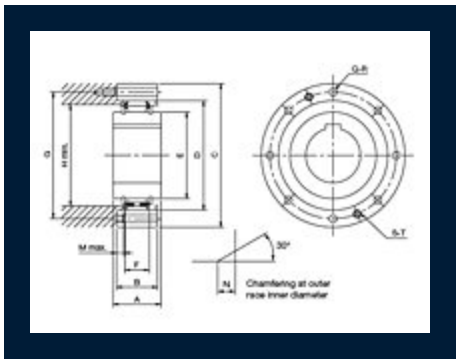
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# ITEM # BR40HT-R66B-40, BR-HT40-40.00 MM BORE CAM CLUTCH

BR-HT is mainly used in backstop applications as an integral part of a gear reducer. Prevention of reverse rotation for inclined conveyor and bucket elevator are typical application BR-HT assures not only the immediate backstop function under high torque, but also long service life by the “lift-off” design. In addition, installation on the high speed shaft with low torque enables selection of more compact models with resulting lower cost.






## Specifications

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|---|---|
| **Torque** | 626.9 lb·ft<br>850.0 N·m |
| **Min. Inner Race Overrunning Speed** | 670 rpm |
| **Max. Inner Race Overrunning Speed** | 3600 rpm |
| **Max. Engagement** | 320 rpm |
| **Bore Size** | 1.575 in<br>40.00 mm |

| | |
|---|---|
| **A (Inner Race Width)** | 1.378 in<br>35.00 mm |
| **B (Outer Race Width)** | 1.378 in<br>35.00 mm |
| **C (Outer Race O.D.)** | 5.197 in<br>132.00 mm |
| **D (Outer Race I.D.)** | 3.543 in<br>90.00 mm |
| **E (Inner Race O.D.)** | 2.559 in<br>65.00 mm |
| **G (Bolt Circle Diameter)** | 4.528 in<br>115.00 mm |
| **Q-R (Mounting Holes Quantity - Size)** | 8-M8 |
| **S-T (Removed Holes Quantity - Size)** | 2-M8 |
| **F (Cam Width)** | 0.984 in<br>25.00 mm |
| **Weight** | 6.380 lb<br>2.900 kg |
| **H (Housing Bore Min.)** | 3.228 in<br>82.00 mm |
| **M (Counter Bore Depth Max.)** | 0.157 in<br>4.00 mm |
| **N (Chamfer)** | 0.039 in<br>1.00 mm |