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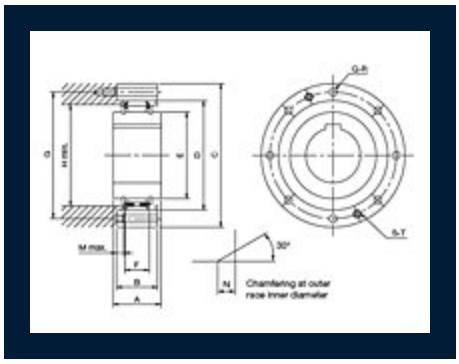
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# ITEM # BR80HT-B120B-75, BR-HT80-75.00 MM BORE CAM CLUTCH

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** | 5162.9 lb·ft<br>7000.0 N·m |
| **Min. Inner Race Overrunning Speed** | 310 rpm |
| **Max. Inner Race Overrunning Speed** | 3600 rpm |
| **Max. Engagement** | 160 rpm |
| **Bore Size** | 2.953 in<br>75.00 mm |

| | |
|---|---|
| **A (Inner Race Width)** | 2.756 in<br>70.00 mm |
| **B (Outer Race Width)** | 2.362 in<br>60.00 mm |
| **C (Outer Race O.D.)** | 8.268 in<br>210.00 mm |
| **D (Outer Race I.D.)** | 6.299 in<br>160.00 mm |
| **E (Inner Race O.D.)** | 5.000 in<br>127.00 mm |
| **G (Bolt Circle Diameter)** | 7.283 in<br>185.00 mm |
| **Q-R (Mounting Holes Quantity - Size)** | 12-M10 |
| **S-T (Removed Holes Quantity - Size)** | 2-M10 |
| **F (Cam Width)** | 1.969 in<br>50.00 mm |
| **Weight** | 28.600 lb<br>13.000 kg |
| **H (Housing Bore Min.)** | 5.827 in<br>148.00 mm |
| **M (Counter Bore Depth Max.)** | 0.157 in<br>4.00 mm |
| **N (Chamfer)** | 0.059 in<br>1.50 mm |