U.S. Tsubaki Power Transmission, LLC
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Wheeling, IL 60090

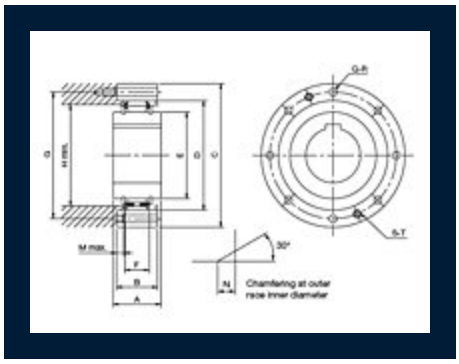
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ITEM # BR35HT-B56B-40, BR-HT35-40.00 MM BORE CAM CLUTCH

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

Torque	442.5 lb·ft 600.0 N·m
Min. Inner Race Overrunning Speed	710 rpm
Max. Inner Race Overrunning Speed	3600 rpm
Max. Engagement	340 rpm
Bore Size	1.575 in 40.00 mm

A (Inner Race Width)	1.378 in 35.00 mm
B (Outer Race Width)	1.378 in 35.00 mm
C (Outer Race O.D.)	4.331 in 110.00 mm
D (Outer Race I.D.)	3.150 in 80.00 mm
E (Inner Race O.D.)	2.165 in 55.00 mm
G (Bolt Circle Diameter)	3.780 in 96.00 mm
Q-R (Mounting Holes Quantity - Size)	8-M6
S-T (Removed Holes Quantity - Size)	2-M6
F (Cam Width)	0.984 in 25.00 mm
Weight	4.180 lb 1.900 kg
H (Housing Bore Min.)	2.756 in 70.00 mm
M (Counter Bore Depth Max.)	0.157 in 4.00 mm
N (Chamfer)	0.039 in 1.00 mm