U.S. Tsubaki Power Transmission, LLC
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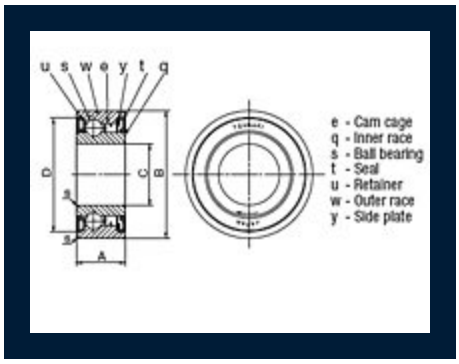
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ITEM # BB35, BB-35 MM BORE CAM CLUTCH

BB Series Cam Clutches are a combination of a 62 Series ball bearing and a cam style clutch. These units are designed for press fit applications and are available in five variations, combinations of metal shield or dust protective sealed type and with or without keyways on the inner and/or outer race to allow design and application flexibility. BB Series units come grease lubricated but metal shielded style can be adapted for oil bath lubrication.





Specifications

Torque Capacity	127.6 lb·ft 173.0 N·m
Max. Overrunning Inner Race	1800 rpm
Max. Overrunning Outer Race	1000 rpm
Drag Torque	0.025 lb·ft 0.03 N·m
Construction	Metal shield on one side, retainer on other side.
A (Overall Width)	0.669 in 17.00 mm

B (Overall Diameter)	2.835 in 72.00 mm
C (Bore Size)	1.378 in 35.00 mm
D (Outer Race I.D.)	2.520 in 64.00 mm
S (Chamfer)	0.043 in 1.10 mm
Dynamic Bearing Loads	3035 lbf 13500 N
Static Bearing Loads	2181 lbf 9700 N
Weight	0.700 lb 0.320 kg