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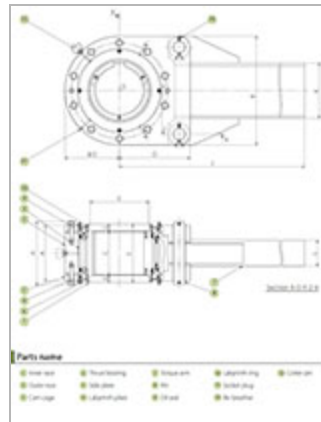
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## BS-F SERIES BS85 - BS465 BACKSTOP CAM CLUTCH

Tsubaki's new BS-F Series backstops are designed for simple, drop-in installation to all major competitive external, low-speed backstop products. These backstops use a unique labyrinth seal design

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| <u>Item #</u> | <u>Bore Range - Max.</u> | <u>Bore Range - Min.</u> | <u>Torque Capacity</u> | <u>Inner Race Max. Overrunning Speed</u> | <u>Drag Torque</u>      | <u>Quantity</u> |
|---------------|--------------------------|--------------------------|------------------------|--|-------------------------|-----------------|
| <u>BS85F</u>  | 3.350 in<br>85.00 mm     | 2.360 in<br>60.00 mm     | 4980 lb•ft<br>6760 N•m | 300 rpm                                  | 6.000 lb•ft<br>8.00 N•m | 1               |

| <u>Item #</u> | <u>Bore Range - Max.</u> | <u>Bore Range - Min.</u> | <u>Torque Capacity</u>          | <u>Inner Race Max. Overrunning Speed</u> | <u>Drag Torque</u>              | <u>Quantity</u> |
|---------------|--------------------------|--------------------------|---------------------------------|--|---------------------------------|-----------------|
| <u>BS95F</u>  | 3.740 in<br>95.00<br>mm  | 2.750 in<br>70.00<br>mm  | 6590 lb•ft<br>8940 N•m          | 300 rpm                                  | 7.370<br>lb•ft<br>10.00<br>N•m  | 1               |
| <u>BS115F</u> | 4.530 in<br>115.00<br>mm | 3.150 in<br>80.00<br>mm  | 12000<br>lb•ft<br>16300 N•m     | 300 rpm                                  | 11.050<br>lb•ft<br>15.00<br>N•m | 1               |
| <u>BS140F</u> | 5.510 in<br>140.00<br>mm | 3.540 in<br>90.00<br>mm  | 18000<br>lb•ft<br>24400<br>N•m  | 300 rpm                                  | 14.740<br>lb•ft<br>20.00<br>N•m | 1               |
| <u>BS165F</u> | 6.500 in<br>165.00<br>mm | 3.940 in<br>100.00<br>mm | 32500<br>lb•ft<br>44100 N•m     | 300 rpm                                  | 25.060<br>lb•ft<br>34.00<br>N•m | 1               |
| <u>BS200F</u> | 7.870 in<br>200.00<br>mm | 3.940 in<br>100.00<br>mm | 45500<br>lb•ft<br>61700 N•m     | 180 rpm                                  | 32.430<br>lb•ft<br>44.00<br>N•m | 1               |
| <u>BS225F</u> | 8.860 in<br>225.00<br>mm | 5.900 in<br>150.00<br>mm | 75200<br>lb•ft<br>102000<br>N•m | 150 rpm                                  | 54.540<br>lb•ft<br>74.00<br>N•m | 1               |

| <u>Item #</u> | <u>Bore Range - Max.</u>  | <u>Bore Range - Min.</u>  | <u>Torque Capacity</u>           | <u>Inner Race Max. Overrunning Speed</u> | <u>Drag Torque</u>                | <u>Quantity</u> |
|---------------|---------------------------|---------------------------|----------------------------------|--|-----------------------------------|-----------------|
| <u>BS250F</u> | 9.840 in<br>250.00<br>mm  | 6.880 in<br>175.00<br>mm  | 108000<br>lb•ft<br>147000<br>N•m | 135 rpm                                  | 68.540<br>lb•ft<br>93.00<br>N•m   | 1               |
| <u>BS270F</u> | 10.630 in<br>270.00<br>mm | 7.870 in<br>200.00<br>mm  | 141000<br>lb•ft<br>192000<br>N•m | 125 rpm                                  | 72.220<br>lb•ft<br>98.00<br>N•m   | 1               |
| <u>BS300F</u> | 11.810 in<br>300.00<br>mm | 9.050 in<br>230.00<br>mm  | 254000<br>lb•ft<br>345000<br>N•m | 115 rpm                                  | 79.600<br>lb•ft<br>108.00<br>N•m  | 1               |
| <u>BS360F</u> | 14.170 in<br>360.00<br>mm | 9.840 in<br>250.00<br>mm  | 360000<br>lb•ft<br>489000<br>N•m | 100 rpm                                  | 115.710<br>lb•ft<br>157.00<br>N•m | 1               |
| <u>BS425F</u> | 16.730 in<br>425.00<br>mm | 12.790 in<br>325.00<br>mm | 542000<br>lb•ft<br>735000<br>N•m | 85 rpm                                   | 159.190<br>lb•ft<br>216.00<br>N•m | 1               |
| <u>BS465F</u> | 18.310 in<br>465.00<br>mm | 13.780 in<br>350.00<br>mm | 722000<br>lb•ft<br>980000<br>N•m | 80 rpm                                   | 180.560<br>lb•ft<br>245.00<br>N•m | 1               |