



POWER TRANSMISSION PARTS

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Chain Coupling



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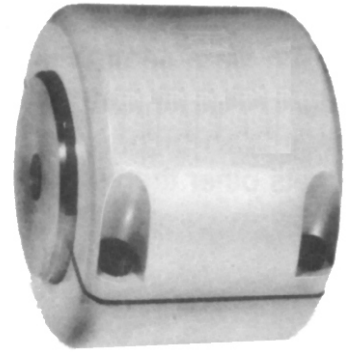
CHAIN COUPLING

CHAIN

Roller chain couplings have a torque capacity in excess of the torque normally transmitted by shafting which falls within the coupling bore range. Select the smallest coupling which will accommodate both shafts. For reversing operation, shock or pulsating loads, or other severe operating conditions, select the next larger coupling.

A cover should be used to assure maximum service life, particularly if the coupling operates at high speeds or under moist or abrasive conditions. For proper lubrication, fill the space between the cover and the coupling with soft to medium consistency bearing grease.

DIMENSIONAL DATA



| Part No. | Bore | | A | B | C | D | E | Max Speed (RPM) |
|----------|------|-------|-------|-------|-------|-------|-------|-----------------|
| | Min | Max | | | | | | |
| C3012 | 12.7 | 16.0 | 69.1 | 65.0 | 26.2 | 29.5 | 63.5 | 6000 |
| C4012 | 12.7 | 22.0 | 77.0 | 79.4 | 36.5 | 34.9 | 72.2 | 4800 |
| C4014 | 12.7 | 28.0 | 84.1 | 79.4 | 36.5 | 42.1 | 75.4 | 4800 |
| C4016 | 14.3 | 32.0 | 92.1 | 87.4 | 39.7 | 50.0 | 75.4 | 4800 |
| C5014 | 14.3 | 35.0 | 101.6 | 99.7 | 45.2 | 54.0 | 84.9 | 3600 |
| C5016 | 15.9 | 40.0 | 110.3 | 99.7 | 45.2 | 61.9 | 87.3 | 3600 |
| C5018 | 15.9 | 45.0 | 122.2 | 99.7 | 45.2 | 69.9 | 87.3 | 3000 |
| C6018 | 19.1 | 56.0 | 145.3 | 123.5 | 55.6 | 90.5 | 104.8 | 2500 |
| C6020 | 19.1 | 60.0 | 158.8 | 123.5 | 55.6 | 100.0 | 104.8 | 2500 |
| C6022 | 19.1 | 71.0 | 168.3 | 123.5 | 55.6 | 110.3 | 116.8 | 2500 |
| C8018 | 19.1 | 80.0 | 190.5 | 141.2 | 63.5 | 110.3 | 128.6 | 2000 |
| C8020 | 19.1 | 90.0 | 209.6 | 145.2 | 65.1 | 119.1 | 137.3 | 2000 |
| C8022 | 19.1 | 100.0 | 225.4 | 157.2 | 70.6 | 139.7 | 137.3 | 2000 |
| C10020 | 25.4 | 110.0 | 281.0 | 178.8 | 79.4 | 161.9 | 153.2 | 1800 |
| C12018 | 34.9 | 127.0 | 305.6 | 202.7 | 89.7 | 169.9 | 181.0 | 1500 |
| C12022 | 34.9 | 140.0 | 356.4 | 222.7 | 100.0 | 209.6 | 181.0 | 1200 |

For more performance information, please contact P.T. Parts Sales

