



Quick Coupling Selection Guide

| | |  |  | | |  |  |  | |
|---|---|---|---|------------------|------------------|---|---|---|---------------------|
| | | D-FLEX | | PARA-FLEX | | | GRID-LIGN* | Gear* | Disc* |
| | | EPDM | Hytrel | FBX | TAPER LOCK (TL) | BBS | | | |
| 1000 rpm | Maximum kW | 560 | 858 | 149 | 1,790 | 1,789 | 14,317 | 11,930 | 2,094 |
| | Max Bore (mm) | 152 | 127 | 102 | 127 | 201 | 335 | 255 | 200 |
| 1500 rpm | Maximum kW | 839 | 1,286 | 224 | 671 | 671 | 6,247 | 17,895 | 3,141 |
| | Max Bore (mm) | 152 | 127 | 102 | 105 | 167 | 215 | 255 | 200 |
| 3000 rpm | Maximum kW | 161 | 639 | 128 | 128 | 128 | 1,172 | 7,829 | 6,283 |
| | Max Bore (mm) | 100 | 100 | 80 | 50 | 80 | 95 | 145 | 200 |
| Locking mechanism(s) available | Clearance fit, finished bore with setscrews | Yes | Yes | Yes | No | Yes (Sizes PX60 - PX120) | Yes (Sizes 1020T - 1090T) | No | No |
| | Taper Lock (TL) Bushing | No | No | No | Yes | No | Yes (Sizes 1020T - 1130T) | No | No |
| | Interference fit, finished bore | No | No | No | No | Yes (Sizes PX140 - PX320) | Yes (Sizes 1100T - 1200T) | Yes | Yes |
| Common kW range | | 1 to 67 kW | 7 to 134 kW | 7 to 67 kW | 7 to 134 kW | 7 to 134 kW | 7 to 1340 kW | 7 to 1340 kW | 7 to 1340 kW |
| Misalignment Capabilities | | Medium | Low | High | High | High | Medium | Low | Low |
| Requires Lubrication? | | No | No | No | No | No | Yes | Yes | No |
| Relative Market Price (\$ = Lowest, \$\$\$ = Highest) | | \$ | \$\$ | \$\$ | \$\$ | \$\$\$ | \$\$ | \$\$ | \$\$\$ |
| Applications | Pumps | Pumps | Pumps | Pumps | Pumps | Pumps | Pumps | Pumps | Pumps |
| | Fans | Fans | Fans | Fans | Fans | Fans | Fans | Fans | Compressors |
| | Light Duty Conveyors | Light Duty Conveyors | Conveyors | Conveyors | Conveyors | Conveyors | Heavy Duty Conveyors | Heavy Duty Conveyors | |
| | Compressors | Compressors | Compressors | Compressors | Compressors | | | Mixers | |
| | | | | | | | | Compressors | |
| Industries | Water/Wastewater | Water/Wastewater | Water/Wastewater | Water/Wastewater | Water/Wastewater | Water/Wastewater | Mining | Mining | Chemical, Oil & Gas |
| | Food/Beverage | Food/Beverage | Wood/Paper | Wood/Paper | Wood/Paper | Wood/Paper | Aggregate | Aggregate | Marine |
| | Oil & Gas | Oil & Gas | Oil & Gas | Oil & Gas | Oil & Gas | Oil & Gas | Wood/Paper | Mixers | Power Generation |
| | Power Generation | Power Generation | Power Generation | Power Generation | Power Generation | Power Generation | Power Generation | Power Generation | |
| | | | Steel/Metals | Steel/Metals | Steel/Metals | Steel/Metals | Grain Handling | Grain Handling | |
| | | | | | | | Steel/Metals | Wood/Paper | |
| | | | | | | | | Chemical, Oil & Gas | |
| | | | | | | | Steel/Metals | | |

* Larger, made-to-order sizes are available upon request. Please contact DODGE marketing for more information