

SPROCKET RECOMMENDATIONS FOR THE JACKSHAFT MAXUM OPERATORS

With the first set of MAXUM DC commercial door operators officially launched (for doors up to 700 lbs.), we wanted to provide an important update to our recommended door sprockets tables to be paired with the Jackshaft (JDC) and Hoist (JHDC) MAXUM operators. We have heard your feedback, and we have introduced several new sprocket options to ensure support for the variety of use cases and desired speed adjustments for sectional doors.

Please use the tables below when selecting your door sprocket.

Sectional Door - Sprocket Recommendations

Drum Diameter (Large end of Conical Drum)	Door Sprocket for Desired Speed					
	For 12 inches/second			For 9 inches/second		
	Tooth Count	1 in. Bore, 1/4 in. Keyway	1.25 in. Bore, 1/4 in. Keyway	Tooth Count	1 in. Bore, 1/4 in. Keyway	1.25 in. Bore, 1/4 in. Keyway
4"	16-Tooth	71-1550B16LGH	71-1550B16QGH	22-Tooth	71-1550B22LGH	71-1550B22QGH
5.25"	22-Tooth	71-1550B22LGH	71-1550B22QGH	32-Tooth	71-1550B32LGH	71-1550B32QGH
5.75"	24-Tooth	71-1550B24LGH	71-1550B24QGH	34-Tooth	71-1550B34LGH	71-1550B34QGH
6.375"	32-Tooth	71-1550B32LGH	71-1550B32QGH	42-Tooth	71-1550B42LGH	71-1550B42QGH
8"			71-1550B32QGH			
8.5"	24-Tooth	71-1550B24LGH	71-1550B24QGH	34-Tooth	71-1550B34LGH	71-1550B34QGH
11"	32-Tooth	71-1550B32LGH	71-1550B32QGH	42-Tooth	71-1550B42LGH	71-1550B42QGH
13.5"	42-Tooth	71-1550B42LGH	71-1550B42QGH	56-Tooth	71-1550B56LGH	71-1550B56QGH

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If you are unsure on the drum diameter, the below table helps identify the best recommendation by operator.

Operator Series	Drum Diameter	Dersired Door Speed	Sprocket Tooth Count	1 in. Bore, 1/4 in. Keyway	1 in. Bore 3/8 in. Keyway
700	Not Sure	12 inches/second	22	71-1550B22LGH	71-1550B22QGH
700	Not Sure	9 inches/second	32	71-1550B32LGH	71-1550B32QGH
1200	Not Sure	12 inches/second	22	71-1550B22LGH	71-1550B22QGH
1200	Not Sure	9 inches/second	32	71-1550B32LGH	71-1550B32QGH
2200	Not Sure	12 inches/second	32	71-1550B32LGH	71-1550B32QGH
2200	Not Sure	9 inches/second	42	71-1550B42LGH	71-1550B42QGH

Rolling Steel Door - Sprocket Recommendations

Recommendations of sprockets for rolling doors have not changed.

Operator Series	Door Weight	Tooth Count	1 in. Bore, 1/4 in. Keyway	1.25 in. Bore, 1/4 in. Keyway	1 in. Bore 3/8 in. Keyway	1.25 in. Bore 3/8 in. Keyway
700	Up to 450 lbs.	50-Tooth	71-1550B50LGH	71-1550B50QGH	71-1550B50LKH	71-1550B50QKH
	450 to 700 lbs.	72-Tooth	71-1550B72LGH	71-1550B72QGH	71-1550B72LKH	71-1550B72QKH
1200	700 to 1200 lbs.					
2200	1200 to 1800 lbs.					
	1800 to 2200 lbs.	82-Tooth	71-1550B82LGH	71-1550B82QGH	71-1550B82LKH	71-1550B82QKH

Insulated - Max 20ft Door Height						
Operator Series	Door Weight	Tooth Count	1 in. Bore, 1/4 in. Keyway	1.25 in. Bore, 1/4 in. Keyway	1 in. Bore 3/8 in. Keyway	1.25 in. Bore 3/8 in. Keyway
700	Up to 450 lbs.	60-Tooth	71-1550B60LGH	71-1550B60QGH	71-1550B60LKH	71-1550B60QKH
1200	450 to 900 lbs.	72-Tooth	71-1550B72LGH	71-1550B72QGH	71-1550B72LKH	71-1550B72QKH
2200	900 to 2,000 lbs.	82-Tooth	71-1550B82LGH	71-1550B82QGH	71-1550B82LKH	71-1550B82QKH