

Selection Procedure

The following motor bracket selection procedure must be followed when selecting brackets for use with NON-STANDARD motor frames (such as DC motors) or NON-STANDARD coupling selections.

Rexnord motor brackets provide an economical "soft mounting" for standard NEMA T & U frame and IEC B3 frame AC induction type electric motors. It is expected that the weight, location, and starting torque of the motor will cause cantilevered motor brackets to deflect downward or twist to varying degrees.

FOR APPLICATIONS USING OVERSIZE OR NON-STANDARD MOTORS, CLUTCHES, BRAKES, ETC., THE USE OF A MOTOR PLATE IS RECOMMENDED.

If a customer prefers to use a motor bracket, the following procedure must be followed to verify that the brackets' Maximum Allowable Moment is not exceeded. **If the Maximum Allowable Moment is exceeded and the customer insists on using a motor bracket, it becomes the customer's responsibility to support the rear of the motor bracket as necessary to diminish motor bracket deflection and vibration to within satisfactory levels as determined by the customer.**

Motor bracket selections for non-standard motors are based first on the dimensions of the motor, required shaft gap, and the drive's high speed shaft extension length. Once a bracket is selected which will dimensionally accept the non-standard motor, the bracket's strength must be checked to assure that bracket deflections will be kept within acceptable limits. This is accomplished by calculating the moment created by the non-standard motor and comparing this to the Maximum Allowable Moment as found on the following pages.

HOW TO SELECT, ORDER, AND PRICE BLANK BRACKETS

- Determine required bracket depth (Dimension "D").
The bracket must be deep enough to accommodate the motor "D" or coupling radius, whichever is larger, plus .12". Bracket depth should not exceed motor "D" by more than 1.4".
- Determine required bracket length (Dimension "C").
Add the drive "LA" + shaft gap + motor length to end of motor foot.
- Determine required bracket width (Dimension "M").
- Select bracket.
- Determine if selection falls within allowable moment for the bracket.
- Order baseplate with sideplates and hardware (or welded with bracket-to-drive fasteners).
- Price:
Standard bracket: Price as nearest NEMA T-frame series.
Semi-standard bracket: Price as nearest NEMA T-frame series with adder for semi-standard bracket.

EXAMPLE:

Select and price a 2040FZ2 with bracket and Steelflex® H.S. coupling to suit a 258AT-frame motor.

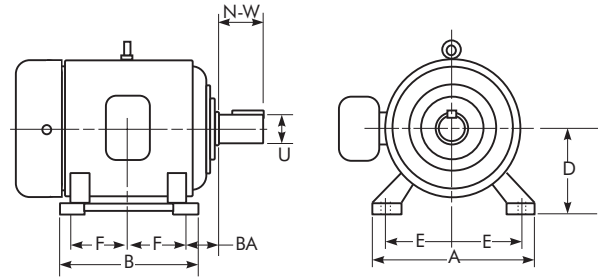


Figure 1

Figure 2

- Determine required bracket depth (Dimension "D").
From the motor print, motor "D" is 6.25".
 $6.25 + .12 = 6.37"$ minimum depth required.
- Determine required bracket length (Dimension "C").
From Table 2:
"LA" dimension of a 2040FZ2 is 3.66"
Shaft gap of the Steelflex coupling is .12"
from the motor dimension: N-W = 3.25"
BA = 4.25"
F = 6.25"
B/2 = 7.00"
Total: Maximum length required "C" = 24.53"
- Determine required bracket width (Dimension "M").
From the motor print, motor "A" is 11.75".
11.75" width required.
- Select bracket. (From above "D" min = 6.37", "C" min = 24.53", "M" min = 11.75")
From Table 1, standard baseplate 340532 in Assembly 2 meets the requirements for depth, length, and width.
- Determine if selection falls within allowable moment for the drive.

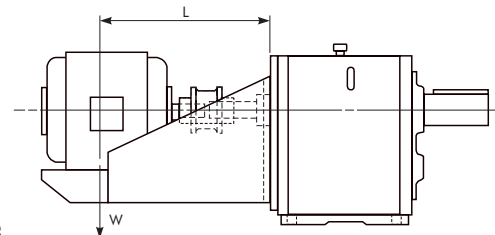


Figure 3

Motor weight is 375 lb.

"L" is :

Drive "LA"	=	3.66"
Shaft gap	=	.12"
To motor C/G	=	14.50" (N-W) + BA + F
Total:		18.28"

MOMENT = 375 lb x 18.28" = 6855 (lb-in)

Check against allowable moment found in Table 3.

6855 < 7000 OK

- Order
Order P/N 340532 (baseplate) and P/N 737006 (Sideplates and Hardware).
- Price
Since a standard blank bracket will work, price as 250 Series NEMA bracket.

Bolted Motor Brackets

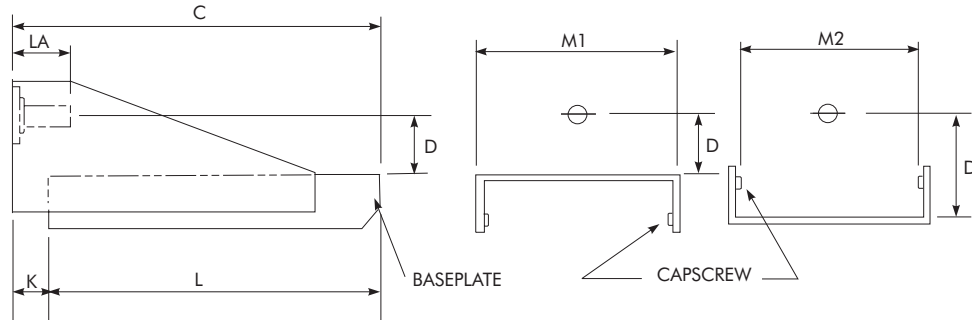


TABLE 1 — Bolted Motor Brackets (Dimensions — Inches)

DRIVE SIZE	C	D	K	L	M1	M2	Blank Baseplate	Sideplates & Hardware	Assembly		
STANDARD BLANK BRACKETS											
1020F	17.26	3.62	1.00	16.26	12.00	...	340527	737005	1		
	17.26	4.62	1.00	16.26	...	10.76	340527		2		
	18.50	5.38	1.00	17.50	...	10.76	340528		2		
	17.26	5.77	1.00	16.26	...	10.76	340527		6		
	18.50	6.53	1.00	17.50	...	10.76	340528		6		
	SEMI-STANDARD BLANK BRACKETS										
1020F	32.50	3.62	1.00	31.50	12.00	...	345071 ★	737005	1		
	32.50	4.62	1.00	31.50	...	10.76	345071 ★		2		
	32.50	5.77	1.00	31.50	...	10.76	345071 ★		6		
STANDARD BLANK BRACKETS											
1030F	17.26	3.62	1.00	16.26	12.00	...	340527	737005	1		
	17.26	4.62	1.00	16.26	...	10.76	340527		2		
	18.50	5.38	1.00	17.50	...	10.76	340528		2		
	17.26	5.77	1.00	16.26	...	10.76	340527		6		
	18.50	6.53	1.00	17.50	...	10.76	340528		6		
	SEMI-STANDARD BLANK BRACKETS										
1030F	32.50	3.62	1.00	31.50	12.00	...	345071 ★	737005	1		
	32.50	4.62	1.00	31.50	...	10.76	345071 ★		2		
	32.50	5.77	1.00	31.50	...	10.76	345071 ★		6		
STANDARD BLANK BRACKETS											
2040F	19.10	3.62	1.90	17.20	16.72	...	343911	737006	3		
	28.10	3.83	1.10	27.00	16.72	...	340532		16		
	18.30	3.95	1.10	17.20	16.72	...	343911		19		
	20.10	4.44	2.90	17.20	16.72	...	343911		18		
	28.90	4.50	1.90	27.00	16.72	...	340532		1		
	19.10	4.62	1.90	17.20	16.72	...	343911		4		
	29.90	5.32	2.90	27.00	16.72	...	340532		5		
	20.10	5.44	2.90	17.20	16.72	...	343911		20		
	18.30	6.40	1.10	17.20	...	15.10	343911		21		
	28.10	6.45	1.10	27.00	...	15.22	340532		2		
	19.10	7.07	1.90	17.20	...	15.10	343911		22		
	28.90	7.12	1.90	27.00	...	15.22	340532		6		
	18.30	7.40	1.10	17.20	...	15.10	343911		24		
	20.10	7.89	2.90	17.20	...	15.10	343911		23		
	29.90	7.94	2.90	27.00	...	15.22	340532		8		
	19.90	8.07	1.90	18.00	...	15.10	343911		25		
	SEMI-STANDARD BLANK BRACKETS										
	2040F	35.90	3.83	1.10	34.80	16.72	...		343975	737006	16
		37.90	3.83	1.10	36.80	16.72	...		345072 ★		16
		36.70	4.50	1.90	34.80	16.72	...		343975		1
		38.70	4.50	1.90	36.80	16.72	...		345072 ★		1
37.70		5.32	2.90	34.80	16.72	...	343975	5			
39.70		5.32	2.90	36.80	16.72	...	345072 ★	5			
35.90		6.45	1.10	34.80	...	15.22	343975	2			
36.70		7.12	1.90	34.80	...	15.22	343975	6			
38.70		7.12	1.90	36.80	...	15.22	345072 ★	6			
37.70		7.94	2.90	34.80	...	15.22	343975	8			

TABLE 2 — Dimension "LA" — Inches

Inch Series	
1020F2	2.86
1020F3	2.86
1030F3	3.18
1030F4	2.62
2040F2	3.66
2040F3	3.66
2040F4	2.62
Metric Series	
M2040F2	4.09
M2040F3	3.30
M2040F4	2.91

TABLE 3 — Maximum Allowable Moment (lb-in)

1020F	3000
1030F	4000
2040F	7000

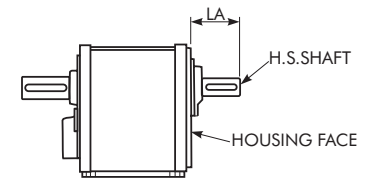
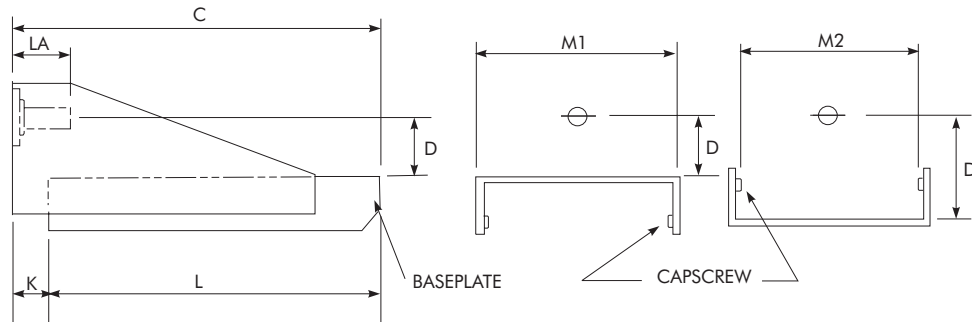


Figure 4

★ Baseplate is drilled for bracket end support. End of baseplate must extend 2.00" minimum past the motor feet. For these applications, use of a motorplate is preferred.

□ Motor bracket and/or motor mounting hardware extend below the drive foot.

Bolted Motor Brackets

TABLE 4 — Bolted Motor Brackets (Dimensions — Inches)

DRIVE SIZE	C	D	K	L	M1	M2	Blank Baseplate	Sideplates & Hardware	Assembly		
Standard Blank Brackets											
2050F	19.10	3.62	1.90	17.20	16.72	...	343911	737006	3		
	28.10	3.83	1.10	27.00	16.72	...	340532		16		
	18.30	3.95	1.10	17.20	16.72	...	343911		19		
	20.10	4.44	2.90	17.20	16.72	...	343911		18		
	28.90	4.50	1.90	27.00	16.72	...	340532		1		
	19.10	4.62	1.90	17.20	16.72	...	343911		4		
	29.90	5.32	2.90	27.00	16.72	...	340532		5		
	20.10	5.44	2.90	17.20	16.72	...	343911		20		
	18.30	6.40	1.10	17.20	...	15.10	343911		21		
	28.10	6.45	1.10	27.00	...	15.22	340532		2		
	19.10	7.07	1.90	17.20	...	15.10	343911		22		
	28.90	7.12	1.90	27.00	...	15.22	340532		6		
	18.30	7.40	1.10	17.20	...	15.10	343911		24		
	20.10	7.89	2.90	17.20	...	15.10	343911		23		
	29.90	7.94	2.90	27.00	...	15.22	340532		8		
	19.90	8.07	1.90	18.00	...	15.10	343911		25		
	31.70	8.12	2.90	28.80	...	16.48	340533		7		
	20.10	8.89	2.90	17.20	...	15.10	343911		26		
	Semi-Standard Blank Brackets										
	35.90	3.83	1.10	34.80	16.72	...	343975		737006	16	
37.90	3.83	1.10	36.80	16.72	...	345072 ★	16				
36.70	4.50	1.90	34.80	16.72	...	343975	1				
38.70	4.50	1.90	36.80	16.72	...	345072 ★	1				
37.70	5.32	2.90	34.80	16.72	...	343975	5				
39.70	5.32	2.90	36.80	16.72	...	345072 ★	5				
35.90	6.45	1.10	34.80	...	15.22	343975	2				
36.70	7.12	1.90	34.80	...	15.22	343975	6				
38.70	7.12	1.90	36.80	...	15.22	345072 ★	6				
37.70	7.94	2.90	34.80	...	15.22	343975	8				
37.70	8.12	2.90	34.80	...	16.48	343913	7				
40.70	8.12	2.90	37.80	...	16.48	345073 ★	7				

★ Baseplate is drilled for bracket end support. End of baseplate must extend 2.00" minimum past the motor feet. For these applications, use of a motorplate is preferred.

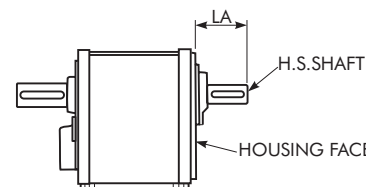
□ Motor bracket and/or motor mounting hardware extend below the drive foot.

TABLE 5 — Dimension "LA" — Inches

Inch Series	
2050F2	4.42
2050F3	4.42
2050F4	2.86
Metric Series	
M2050F2	5.52
M2050F3	4.33
M2050F4	3.23

TABLE 6 — Maximum Allowable Moment (lb-in)

2050F	16,000
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Figure 4

Bolted Motor Brackets

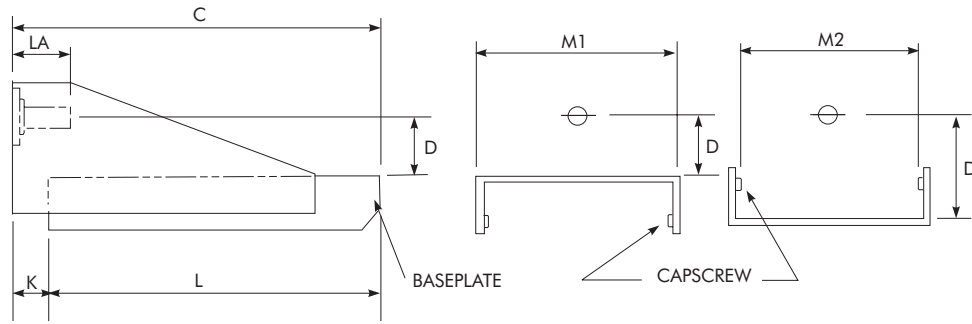


TABLE 7 — Bolted Motor Brackets (Dimensions — Inches)

DRIVE SIZE	C	D	K	L	M1	M2	Blank Baseplate	Sideplates & Hardware	Assembly		
Standard Blank Brackets											
2060F	19.40	3.62	2.20	17.20	16.72	...	343911	737007	3		
	28.40	3.83	1.40	27.00	16.72	...	340532		16		
	18.60	3.95	1.40	17.20	16.72	...	343911		19		
	20.40	4.44	3.20	17.20	16.72	...	343911		18		
	29.20	4.50	2.20	27.00	16.72	...	340532		1		
	19.40	4.62	3.20	17.20	16.72	...	343911		4		
	30.20	5.32	3.20	27.00	16.72	...	340532		5		
	20.40	5.44	3.20	17.20	16.72	...	343911		20		
	18.60	6.40	1.40	17.20	...	15.10	343911		21		
	28.40	6.45	1.40	27.00	...	15.20	340532		2		
	19.40	7.07	2.20	17.20	...	15.10	343911		22		
	29.20	7.12	2.20	27.00	...	15.20	340532		6		
	18.60	7.40	1.40	17.20	...	15.10	343911		24		
	20.40	7.89	3.20	17.20	...	15.10	343911		23		
	30.20	7.94	3.20	27.00	...	15.20	340532		8		
	19.40	8.07	2.20	17.20	...	15.10	343911		25		
	32.00	8.12	3.20	28.80	...	15.20	340533		7		
	20.40	8.89	3.20	17.20	...	15.10	343911		26		
	Semi-Standard Blank Brackets										
	2060F	36.20	3.83	1.40	34.80	16.72	...		343975	737007	16
38.20		3.83	1.40	36.80	16.72	...	345072 ★	16			
38.00		4.50	2.20	34.80	16.72	...	343975	1			
39.00		4.50	2.20	36.80	16.72	...	345072 ★	1			
38.00		5.32	3.20	34.80	16.72	...	343975	5			
40.00		5.32	3.20	36.80	16.72	...	345072 ★	5			
36.20		6.45	1.40	34.80	...	15.20	343975	2			
38.20		6.45	1.40	36.80	...	15.20	345072 ★	2			
37.00		7.12	2.20	34.80	...	15.20	343975	6			
39.00		7.12	2.20	36.80	...	15.20	345072 ★	6			
38.00		7.94	3.20	34.80	...	15.20	343975	8			
40.00		7.94	3.20	36.80	...	15.20	345072 ★	8			
38.00		8.12	3.20	34.80	...	15.20	343913	7			
41.00		8.12	3.20	37.80	...	16.48	345073 ★	7			

★ Baseplate is drilled for bracket end support. End of baseplate must extend 2.00" minimum past the motor feet. For these applications, use of a motorplate is preferred

TABLE 8 — Dimension "LA" — Inches

Inch Series	
2060F2	5.10
2060F3	4.48
2060F4	3.72
Metric Series	
M2060F2	5.75
M2060F3	4.37
M2060F4	3.58

TABLE 9 — Maximum Allowable Moment (lb-in)

2060F	18,000
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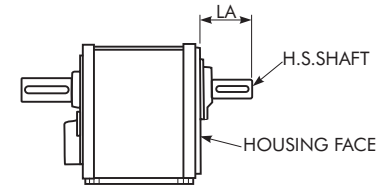
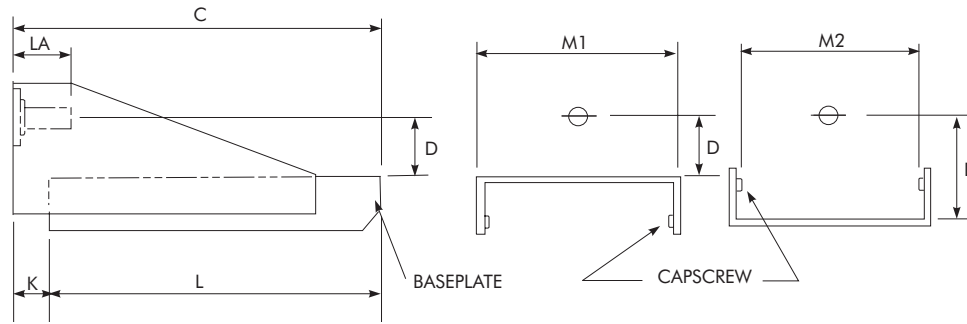


Figure 4

Bolted Motor Brackets

TABLE 10 — Bolted Motor Brackets (Dimensions — Inches)

DRIVE SIZE	C	D	K	L	M1	M2	Blank Baseplate	Sideplates Hardware	Assembly
Standard Blank Brackets									
19.40	3.62	2.20	17.20	16.72	...	343911	FZ2	3	
30.20	3.65	1.40	28.80	18.00	...	340533	737009	16	
28.40	3.83	1.40	27.00	16.72	...	340532		16	
18.60	3.95	1.40	17.20	16.72	...	343911	FZ3.FZ4	19	
31.00	4.32	2.20	28.80	18.00	...	340533	737007	1	
20.40	4.44	3.20	17.20	16.72	...	343911		18	
29.20	4.50	2.20	27.00	16.72	...	340532		1	
19.40	4.62	3.20	17.20	16.72	...	343911		4	
32.00	5.14	3.20	28.80	18.00	...	340533		5	
30.20	5.32	3.20	27.00	16.72	...	340532		5	
20.40	5.44	3.20	17.20	16.72	...	343911		20	
18.60	6.40	1.40	17.20	...	15.10	343911		21	
28.40	6.45	1.40	27.00	...	15.20	340532		2	
30.20	6.63	1.40	28.80	...	16.48	340533		2	
19.40	7.07	2.20	17.20	...	15.10	343911		22	
29.20	7.12	2.20	27.00	...	15.20	340532		6	
31.00	7.30	2.20	28.80	...	16.48	340533		6	
18.60	7.40	1.40	17.20	...	15.10	343911		24	
20.40	7.89	3.20	17.20	...	15.10	343911		23	
30.20	7.94	3.20	27.00	...	15.20	340532		8	
19.40	8.07	2.20	17.20	...	15.10	343911		25	
32.00	8.12	3.20	28.80	...	15.20	340533		7	
32.00	8.12	3.20	28.80	...	16.48	340533		8	
20.40	8.89	3.20	17.20	...	15.10	343911		26	
2070F	Semi-Standard Blank Brackets								
36.20	3.65	1.40	34.80	18.00	...	343913	FZ2	16	
39.20	3.65	1.40	37.80	18.00	...	345073 ★		16	
36.20	3.83	1.40	34.80	16.72	...	343975		16	
38.20	3.83	1.40	36.80	16.72	...	345072 ★	FZ3.FZ4	16	
34.00	4.32	2.20	34.80	18.00	...	343913	737007	1	
40.00	4.32	2.20	37.80	18.00	...	345073 ★		1	
38.00	4.50	2.20	34.80	16.72	...	343975		1	
39.00	4.50	2.20	36.80	16.72	...	345072 ★		1	
38.00	5.14	3.20	34.80	18.00	...	343913		5	
41.00	5.14	3.20	37.80	18.00	...	345073 ★		5	
38.00	5.32	3.20	34.80	16.72	...	343975		5	
40.00	5.32	3.20	36.80	16.72	...	345072 ★		5	
36.20	6.45	1.40	34.80	...	15.20	343975		2	
38.20	6.45	1.40	36.80	...	15.20	345072 ★		2	
36.20	6.63	1.40	34.80	...	16.48	343913		2	
39.20	6.63	1.40	37.80	...	16.48	345073 ★		2	
37.00	7.12	2.20	34.80	...	15.20	343975		6	
39.00	7.12	2.20	36.80	...	15.20	345072 ★		6	
37.00	7.30	2.20	34.80	...	16.48	343913		6	
40.00	7.30	2.20	37.80	...	16.48	345073 ★		6	
38.00	7.94	3.20	34.80	...	15.20	343975		8	
40.00	7.94	3.20	36.80	...	15.20	345072 ★		8	
38.00	8.12	3.20	34.80	...	15.20	343913		7	
41.00	8.12	3.20	37.80	...	16.48	345073 ★		7	
38.00	8.12	3.20	34.80	...	16.48	343913		8	
41.00	8.12	3.20	37.80	...	16.48	345073 ★		8	

★ Baseplate is drilled for bracket end support. End of baseplate must extend 2.00" minimum past the motor feet. For these applications, use of a motorplate is preferred.

TABLE 11 — Dimension "LA" — Inches

Inch Series	
2070F2	5.66
2070F3	4.72
2070F4	3.98
Metric Series	
M2070F2	5.75
M2070F3	5.84
M2070F4	3.68

TABLE 12 — Maximum Allowable Moment (lb-in)

2070F	18,000
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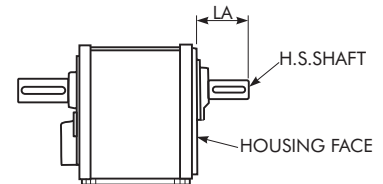


Figure 4

Bolted Motor Brackets

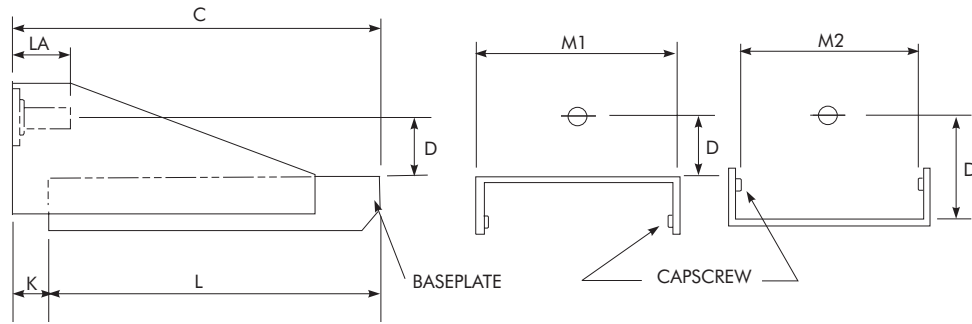


TABLE 13 — Bolted Motor Brackets (Dimensions — Inches)

DRIVE SIZE	C	D	K	L	M1	M2	BLANK Baseplate	SIDEPLATES & Hardware	Assembly
Standard Blank Brackets									
2080F/2090F	19.90	3.62	2.20	17.70	19.42	...	343912	2080FZ2	3
	30.80	3.65	1.40	29.40	19.42	...	340538	757692	16
	27.90	3.83	1.40	26.50	19.42	...	340537		16
	19.10	3.95	1.40	17.70	19.42	...	343912	2080FZ3.FZ4	19
	31.60	4.32	2.20	29.40	19.42	...	340538	737008	1
	20.90	4.44	3.20	17.70	19.42	...	343912		18
	28.70	4.50	2.20	26.50	19.42	...	340537	2090FZ2	1
	19.90	4.62	2.20	17.70	19.42	...	343912	757693	4
	32.60	5.14	3.20	29.40	19.42	...	340538		5
	29.70	5.32	3.20	26.50	19.42	...	340537	2090FZ3.FZ4	5
	20.90	5.44	3.20	17.70	19.42	...	343912	757694	20
	19.10	6.40	1.40	17.70	...	17.80	343912		21
	27.90	6.45	1.40	26.50	...	17.90	340537		2
	30.80	6.63	1.40	29.40	...	17.90	340538		2
	19.90	7.07	2.20	17.70	...	17.80	343912		22
	28.70	7.12	2.20	26.50	...	17.90	340537		6
	31.60	7.30	2.20	29.40	...	17.90	340538		6
	19.10	7.40	1.40	17.70	...	17.80	343912		24
	20.90	7.89	3.20	17.70	...	17.80	343912		23
	29.70	7.94	3.20	26.50	...	17.90	340537		8
19.90	8.07	2.20	17.70	...	17.80	343912		25	
32.60	8.12	3.20	29.40	...	17.90	340538		8	
20.90	8.89	3.20	17.70	...	17.80	343912		26	
Semi-Standard Blank Brackets									
	36.80	3.65	1.40	35.40	19.42	...	343914	2080FZ2	16
	43.40	3.65	1.40	42.00	19.42	...	345074 ★	757692	16
	37.60	4.32	2.20	35.40	19.42	...	343914		1
	44.20	4.32	2.20	42.00	19.42	...	345074 ★	2080FZ3.FZ4	1
	38.60	5.14	3.20	35.40	19.42	...	343914	737008	5
	45.20	5.14	3.20	42.00	19.42	...	345074 ★		5
	36.80	6.63	1.40	35.40	...	17.90	343914	2090FZ2	2
	43.40	6.63	1.40	42.00	...	17.90	345074 ★	757693	2
	37.60	7.30	2.20	35.40	...	17.90	343914		6
	44.20	7.30	2.20	42.00	...	17.90	345074 ★	2090FZ3.FZ4	6
	38.60	8.12	3.20	35.40	...	17.90	343914	757694	8
	45.20	8.12	3.20	42.00	...	17.90	345074 ★		8

TABLE 14 — Dimension "LA" — Inches

Inch Series	
2080F2	5.88
2080F3	5.22
2080F4	4.48
2090F2	6.26
2090F3	5.22
2090F4	4.48
Metric Series	
M2080F2	5.71
M2080F3	5.89
M2080F4	4.51
M2090F2	7.11
M2090F3	5.90
M2090F4	4.51

TABLE 15 — Maximum Allowable Moment (lb-in)

2080F	18,000
2090F	25,000

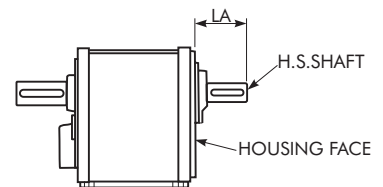
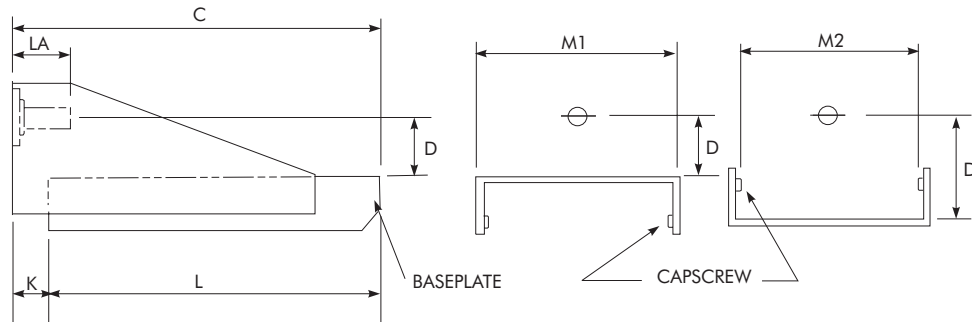


Figure 4

★ Baseplate is drilled for bracket end support. End of baseplate must extend 2.00" minimum past the motor feet. For these applications, use of a motorplate is preferred.

Bolted Motor Brackets

TABLE 16 — Bolted Motor Brackets (Dimensions — Inches)

DRIVE	C	D	K	L	M1	M2	Blank Baseplate	Sideplates & Hardware	Assembly		
Standard Blank Brackets											
2100F	19.40	3.62	2.20	17.20	16.72	...	343911	757695	9		
	28.40	3.83	1.40	27.00	16.72	...	340532		27		
	36.20	3.83	1.40	34.80	16.72	...	343975		27		
	18.60	3.95	1.40	17.20	16.72	...	343911		31		
	19.40	4.44	2.20	17.20	16.72	...	343911		30		
	30.20	4.50	3.20	27.00	16.72	...	340532		28		
	38.00	4.50	3.20	34.80	16.72	...	343975		28		
	20.40	4.62	3.20	17.20	16.72	...	343911		10		
	29.20	5.32	2.20	27.00	16.72	...	340532		11		
	37.00	5.32	2.20	34.80	16.72	...	343975		11		
	20.40	5.44	3.20	17.20	16.72	...	343911		32		
	18.60	6.40	1.40	17.20	...	15.10	343911		33		
	28.40	6.45	1.40	27.00	...	15.20	340532		12		
	36.20	6.45	1.40	34.80	...	15.20	343975		12		
	19.40	7.07	2.20	17.20	...	15.10	343911		34		
	29.20	7.12	2.20	27.00	...	15.20	340532		13		
	37.00	7.12	2.20	34.80	...	15.20	343975		13		
	18.60	7.40	1.40	17.20	...	15.10	343911		36		
	20.40	7.89	3.20	17.20	...	15.10	343911		35		
	30.20	7.94	3.20	27.00	...	15.20	340532		14		
	38.00	7.94	3.20	34.80	...	15.20	343975		14		
	19.40	8.07	2.20	17.20	...	15.10	343911		37		
	32.00	8.12	3.20	28.80	...	15.20	340533		15		
	36.00	8.12	3.20	32.80	...	15.20	343913		15		
	20.40	8.89	3.20	17.20	...	15.10	343911		38		
	Semi-Standard Blank Brackets										
		38.20	3.83	1.40	36.80	16.72	...		345072 ★	757695	27
		40.00	4.50	3.20	36.80	16.72	...		345072 ★		28
	39.00	5.32	2.20	36.80	16.72	...	345072 ★	11			
	38.20	6.45	1.40	36.80	...	15.20	345072 ★	12			
	39.00	7.12	2.20	36.80	...	15.20	345072 ★	13			
	41.00	7.94	4.20	36.80	...	15.20	345072 ★	14			
	41.00	8.12	3.20	37.80	...	16.48	345073 ★	15			

★ Baseplate is drilled for bracket end support. End of baseplate must extend 2.00" minimum past the motor feet. For these applications, use of a motorplate is preferred.

TABLE 17 — Dimension "LA" Without Backstop — Inches †

Inch Series	
2100F2	6.76
2100F3	5.40
2100F4	4.92
Metric Series	
M2100F2	7.08
M2100F3	5.90
M2100F4	5.70

† See Figure 4 on Page 6.

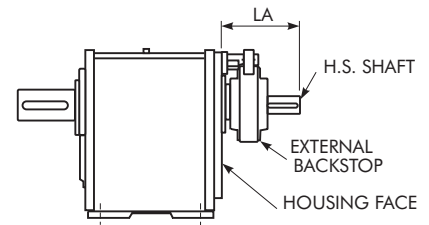


Figure 5

TABLE 18 — Dimension "LA" With Backstop — Inches

Inch Series	
2100F2	13.36
2100F3	11.00
2100F4	10.52
Metric Series	
M2100F2	13.66
M2100F3	11.49
M2100F4	11.50

TABLE 19 — Maximum Allowable Moment (lb-in)

2100F	25,000
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Bolted Motor Brackets

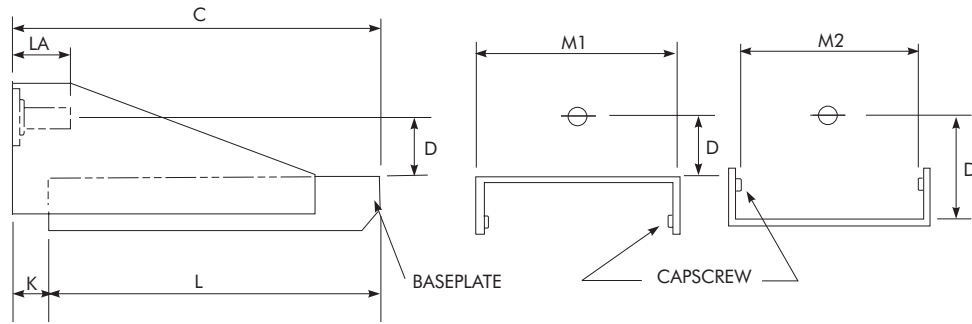


TABLE 20 — Bolted Motor Brackets (Dimensions — Inches)

DRIVE SIZE	C	D	K	L	M1	M2	Blank Baseplate	Sideplates & Hardware	Assembly	
Standard Blank Brackets										
2110F	19.40	3.62	2.20	17.20	16.72	...	343911	2110FZ2	9	
	30.20	3.65	1.40	28.80	18.00	...	340533	757696	27	
	34.20	3.65	1.40	32.80	18.00	...	343913		27	
	28.40	3.83	1.40	27.00	16.72	...	340532	2100FZ3.FZ4	27	
	36.20	3.83	1.40	34.80	16.72	...	343975	757695	27	
	18.60	3.95	1.40	17.20	16.72	...	343911		31	
	31.00	4.32	2.20	28.80	18.00	...	340533		28	
	35.00	4.32	2.20	32.80	18.00	...	343913		28	
	19.40	4.44	2.20	17.20	16.72	...	343911		30	
	30.20	4.50	3.20	27.00	16.72	...	340532		28	
	38.00	4.50	3.20	34.80	16.72	...	343975		28	
	20.40	4.62	3.20	17.20	16.72	...	343911		10	
	32.00	5.14	3.20	28.80	18.00	...	340533		11	
	36.00	5.14	3.20	32.80	18.00	...	343913		11	
	29.20	5.32	2.20	27.00	16.72	...	340532		11	
	37.00	5.32	2.20	34.80	16.72	...	343975		11	
	20.40	5.44	3.20	17.20	16.72	...	343911		32	
	18.60	6.40	1.40	17.20	...	15.10	343911		33	
	28.40	6.45	1.40	27.00	...	15.20	340532		12	
	36.20	6.45	1.40	34.80	...	15.20	343975		12	
	30.20	6.63	1.40	28.80	...	16.48	340533		12	
	34.20	6.63	1.40	32.80	...	16.48	343913		12	
	19.40	7.07	2.20	17.20	...	15.10	343911		34	
	29.20	7.12	2.20	27.00	...	15.20	340532		13	
	37.00	7.12	2.20	34.80	...	15.20	343975		13	
	31.00	7.30	2.20	28.80	...	16.48	340533		13	
	35.00	7.30	2.20	32.80	...	16.48	343913		13	
	18.60	7.40	1.40	17.20	...	15.10	343911		36	
	20.40	7.89	3.20	17.20	...	15.10	343911		35	
	30.20	7.94	3.20	27.00	...	15.20	340532		14	
	38.00	7.94	3.20	34.80	...	15.20	343975		14	
	19.40	8.07	2.20	17.20	...	15.10	343911		37	
	32.00	8.12	3.20	28.80	...	15.20	340533		15	
	36.00	8.12	3.20	32.80	...	15.20	343913		15	
	32.00	8.12	3.20	28.80	...	16.48	340533		14	
	36.00	8.12	3.20	32.80	...	16.48	343913		14	
	20.40	8.89	3.20	17.20	...	15.10	343911		38	
	Semi-Standard Blank Brackets									
		39.20	3.65	1.40	37.80	18.00	...	345073	2110FZ2	27
								★		
	38.20	3.83	1.40	36.80	16.72	...	345072 ★	757696	27	
	40.00	4.32	2.20	37.80	18.00	...	345073 ★		28	
	40.00	4.50	3.20	36.80	16.72	...	345072 ★	2100FZ3.FZ4	28	
	41.00	5.14	3.20	37.80	18.00	...	345073 ★	757695	11	
	39.00	5.32	2.20	36.80	16.72	...	345072 ★		11	
	38.20	6.45	1.40	36.80	...	15.20	345072 ★		12	
	39.20	6.63	1.40	37.80	...	16.48	345073 ★		12	
	39.00	7.12	2.20	36.80	...	15.20	345072 ★		13	
	40.00	7.30	2.20	37.80	...	16.48	345073 ★		13	
	41.00	7.94	4.20	36.80	...	15.20	345072 ★		14	
	41.00	8.12	3.20	37.80	...	16.48	345073 ★		15	
	41.00	8.12	3.20	37.80	...	16.48	345073 ★		14	

TABLE 21 — Dimension "LA" Without Backstop — Inches †

Inch Series	
2110F2	7.16
2110F3	5.37
2110F4	4.86
Metric Series	
M2110F2	7.04
M2110F3	5.74
M2110F4	5.70

† See Figure 4 on Page 6.

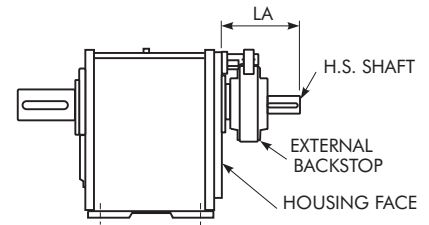


Figure 5

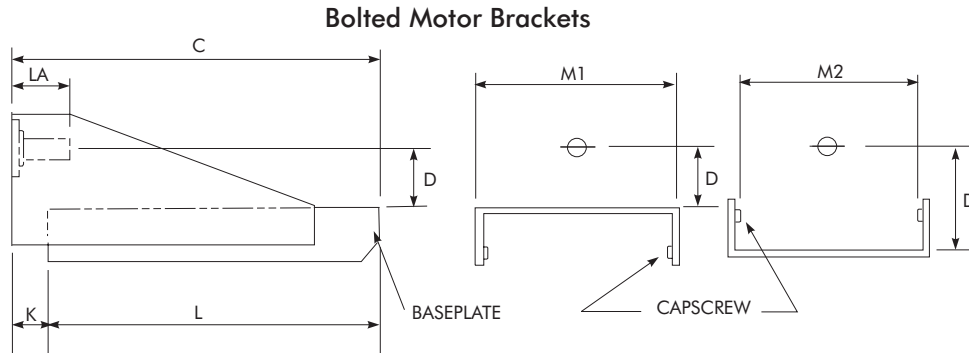
TABLE 22 — Dimension "LA" With Backstop — Inches

Inch Series	
2110F2	13.76
2110F3	10.98
2110F4	10.46
Metric Series	
M2110F2	13.61
M2110F3	11.45
M2110F4	11.45

TABLE 23 — Maximum Allowable Moment (lb-in)

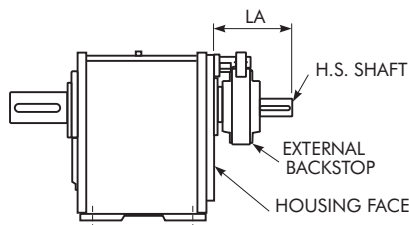
2110F	25,000
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★ Baseplate is drilled for bracket end support. End of baseplate must extend 2.00" minimum past the motor feet. For these applications, use of a motorplate is preferred.


TABLE 24 — Bolted Motor Brackets (Dimensions — Inches)

DRIVE SIZE	C	D	K	L	M1	M2	Blank Baseplate	Sideplates & Hardware	Assembly	
2120F/2130F	Standard Blank Brackets									
	19.90	3.62	2.20	17.70	19.42	...	343912	2120FZ	9	
	30.80	3.65	1.40	29.40	19.42	...	340538	757697	27	
	27.90	3.83	1.40	26.50	19.42	...	340537		27	
	19.10	3.95	1.40	17.70	19.42	...	343912	2130FZ2	31	
	31.60	4.32	2.20	29.40	19.42	...	340538	757698	28	
	20.90	4.44	3.20	17.70	19.42	...	343912		30	
	28.70	4.50	2.20	26.50	19.42	...	340537	2130FZ3.FZ4	28	
	19.90	4.62	2.20	17.70	19.42	...	343912	757697	10	
	32.60	5.14	3.20	29.40	19.42	...	340538		11	
	29.70	5.32	3.20	26.50	19.42	...	340537		11	
	20.90	5.44	3.20	17.70	19.42	...	343912		32	
	19.10	6.40	1.40	17.70	...	17.80	343912		33	
	27.90	6.45	1.40	26.50	...	17.90	340537		12	
	30.80	6.63	1.40	29.40	...	17.90	340538		12	
	19.90	7.07	2.20	17.70	...	17.80	343912		34	
	28.70	7.12	2.20	26.50	...	17.90	340537		13	
	31.60	7.30	2.20	29.40	...	17.90	340538		13	
	19.10	7.40	1.40	17.70	...	17.80	343912		36	
	20.90	7.89	3.20	17.70	...	17.80	343912		35	
	29.70	7.94	3.20	26.50	...	17.90	340537		14	
	19.90	8.07	2.20	17.70	...	17.80	343912		37	
	32.60	8.12	3.20	29.40	...	17.90	340538		14	
	20.90	8.89	3.20	17.70	...	17.80	343912		38	
	Semi-Standard Blank Brackets									
	36.80	3.65	1.40	35.40	19.42	...	343914	2120FZ	27	
	43.40	3.65	1.40	42.00	19.42	...	345074 ★	757697	27	
	37.60	4.32	2.20	35.40	19.42	...	343914		28	
	44.20	4.32	2.20	42.00	19.42	...	345074 ★	2130FZ2	28	
	38.60	5.14	3.20	35.40	19.42	...	343914	757698	11	
	45.20	5.14	3.20	42.00	19.42	...	345074 ★		11	
	36.80	6.63	1.40	35.40	...	17.90	343914	2130FZ3.FZ4	12	
	43.40	6.63	1.40	42.00	...	17.90	345074 ★	757697	12	
	37.60	7.30	2.20	35.40	...	17.90	343914		13	
	44.20	7.30	2.20	42.00	...	17.90	345074 ★		13	
	38.60	8.12	3.20	35.40	...	17.90	343914		14	
45.20	8.12	3.20	42.00	...	17.90	345074 ★		14		

★ Baseplate is drilled for bracket end support. End of baseplate must extend 2.00" minimum past the motor feet. For these applications, use of a motorplate is preferred.


Figure 5
TABLE 25 — Dimension "LA" Without Backstop — Inches †

Inch Series	
2120F2	7.72
2120F3	5.74
2120F4	4.96
2130F2	8.24
2130F3	5.76
2130F4	4.98
Metric Series	
M2120F2	8.19
M2120F3	6.28
M2120F4	5.69
M2130F2	8.18
M2130F3	6.28
M2130F4	5.69

TABLE 26 — Dimension "LA" With Backstop — Inches

Inch Series	
2120F2	14.32
2120F3	11.20
2120F4	10.94
2130F2	14.84
2130F3	11.72
2130F4	10.96
Metric Series	
M2120F2	14.76
M2120F3	11.50
M2120F4	11.50
M2130F2	14.76
M2130F3	11.50
M2130F4	11.50

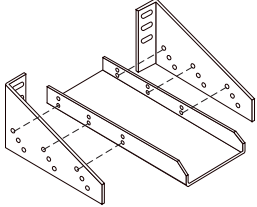
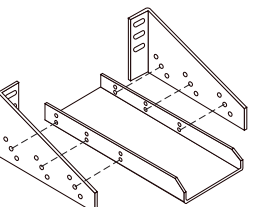
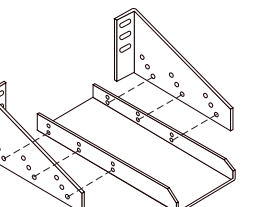
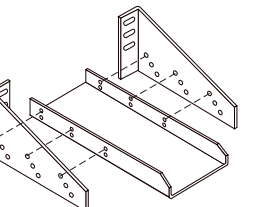
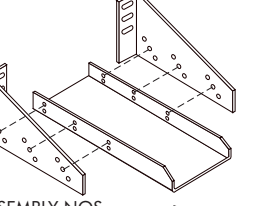
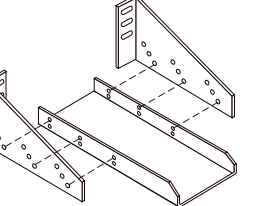
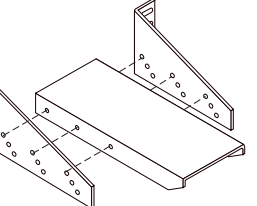
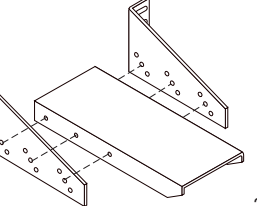
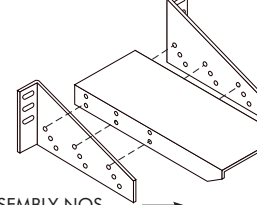
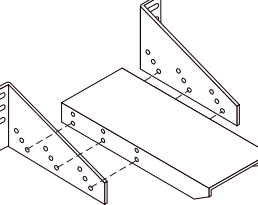
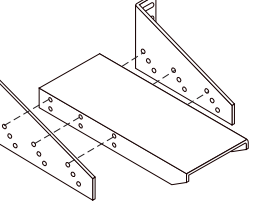
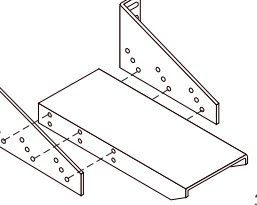
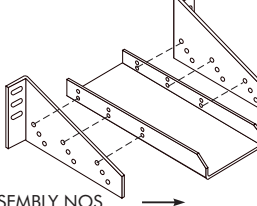
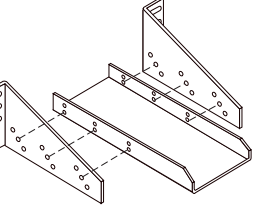
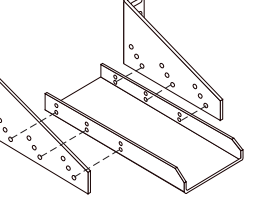
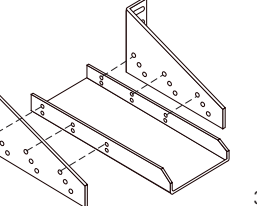
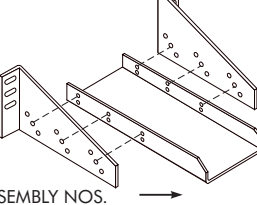
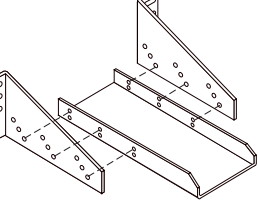
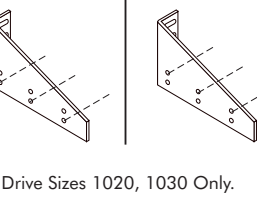
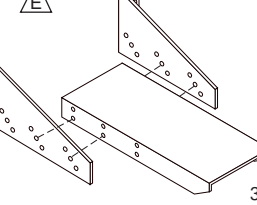
TABLE 27 — Maximum Allowable Moment (lb-in)

2120F	25,000
2130F	25,000

Motor Bracket Assemblies

<p>(Sizes 1020, 1030 see 1A below for side plates)</p> <p>ASSEMBLY NOS. → 1</p>	<p>(Sizes 1020, 1030 see 2A below for side plates)</p> <p>ASSEMBLY NOS. → 2</p>	<p>ASSEMBLY NOS. → 3</p>	<p>ASSEMBLY NOS. → 4</p>
<p>ASSEMBLY NOS. → 5</p>	<p>(Sizes 1020, 1030 see 1A on Page 11 for side plates)</p> <p>ASSEMBLY NOS. → 6</p>	<p>ASSEMBLY NOS. → 7</p>	<p>ASSEMBLY NOS. → 8</p>
<p>ASSEMBLY NOS. → 9</p>	<p>ASSEMBLY NOS. → 10</p>	<p>ASSEMBLY NOS. → 11</p>	<p>ASSEMBLY NOS. → 12</p>
<p>ASSEMBLY NOS. → 13</p>	<p>ASSEMBLY NOS. → 14</p>	<p>ASSEMBLY NOS. → 15</p>	<p>(Sizes 1020, 1030 see 2A on Page 11 for side plates)</p> <p>ASSEMBLY NOS. → 16</p>
<p>ASSEMBLY NOS. → 17</p>	<p>ASSEMBLY NOS. → 18</p>	<p>ASSEMBLY NOS. → 19</p>	<p>ASSEMBLY NOS. → 20</p>

Motor Bracket Assemblies (Continued)

 <p>ASSEMBLY NOS. → 21</p>	 <p>22</p>	 <p>23</p>	 <p>24</p>
 <p>ASSEMBLY NOS. → 25</p>	 <p>26</p>	 <p>27</p>	 <p>28</p>
 <p>ASSEMBLY NOS. → 29</p>	 <p>30</p>	 <p>31</p>	 <p>32</p>
 <p>ASSEMBLY NOS. → 33</p>	 <p>34</p>	 <p>35</p>	 <p>36</p>
 <p>ASSEMBLY NOS. → 37</p>	 <p>38</p>	 <p>1A 2A For Drive Sizes 1020, 1030 Only.</p>	 <p>39</p>

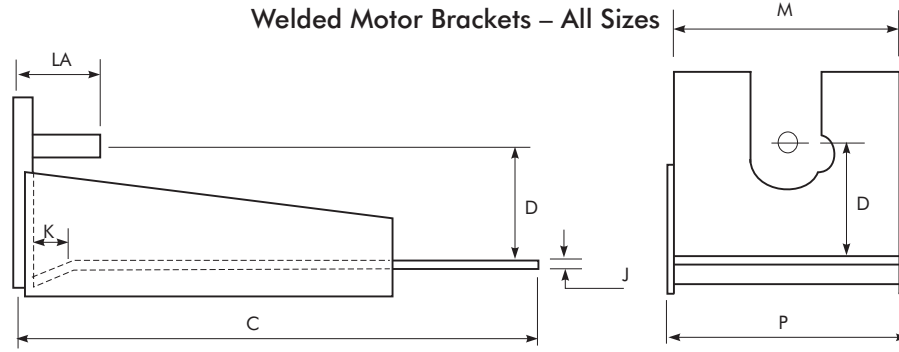


TABLE 28 — Welded Motor Brackets (Dimensions — Inches)

DRIVE SIZE	C	D	J	K	M	P	BLANK WELDED BRACKET			Bracket-To-Drive Fastener Kit
							FZ2	FZ3	FZ4	
STANDARD BLANK BRACKETS										
2060	32.55	9.12	.50	...	18.88	19.88	424793	1213469 ★	1213471★	742463
	32.55	9.12	.50	...	18.88		424793	1213469 ★	1213471 H	742471
2070	37.55	10.12	.62	...	21.28	22.60	426803	1213473 ★	1213475 H	
	32.55	9.12	.50	...	18.88		424793	435657	1213472 ★	756689
2080	37.55	10.12	.62	...	21.28		426803	1213474 ★	1213476 H	
	42.45	11.12	.62	...	23.56	24.56	426804	1213477 ★	1213478 H	
2090	32.55	9.12	.50	...	18.88		424793	435657	1213472 ★	756690
	37.55	10.12	.62	...	21		426803	1213474 ★	1213476 H	
2100	42.45	11.12	.62	...	23		426804	1213477 ★	1213478 H	
	34.85	9.12	.50	7.00	27.5		426642	426642	1215160 ★	756691
2110	38.21	10.12	.62	8.00	27.5		426644	426644	1215160 ★	
	44.65	11.12	.75	8.00	27.5	28.50	426646	426646	1215160 ★	FZ2 756692 FZ3, 4 756691
2120	34.85	9.12	.50	7.00	27.5		426642	426642	1215160 ★	742475
	38.21	10.12	.62	8.00	27.5		426644	426644	1215160 ★	
2130	44.65	11.12	.75	8.00	27.5		426646	426646	1215160 ★	
	34.85	9.12	.50	7.00	27.5		426642	426642	1215160 ★	FZ2 756693 FZ3, FZ4 742475
38.21	10.12	.62	8.00	27.5		426644	426644	1215160 ★		
44.65	11.12	.75	8.00	27.5		426646	426646	1215160 ★		
SEMI-STANDARD BLANK BRACKETS										
2060	42.5	9.12	.50	...	18.88	19.88	424845	1213469 ★	1213471 H	742463
2070	42.5	9.12	.50	...	18.88		424846	1213469 ★	1213471 H	742471
	46.5	10.12	.62	...	21.00	22.60	424849	1213473 ★	1213475 H	
2080	42.5	9.12	.50	...	18.88		424847	1213470 ★	1213472 H	756689
	46.5	10.12	.62	...	21.00		424850	1213474 ★	1213476 H	
2090	51.5	11.12	.62	...	23.00	24.56	424852	1213477 ★	1213478 H	
	42.5	9.12	.50	...	18.88		424848	1213470 ★	1213472 H	756690
2100	46.5	10.12	.62	...	21.00		424851	1213474 ★	1213476 H	
	51.5	11.12	.62	...	23.00		424853	1213477 ★	1213478 H	
2110	43.2	9.12	.50	7.00	27.50		424549	424549	1215160 ★	756691
	53.5	11.12	.62	8.00	27.50	28.50	423629	423629	1215160 ★	
2120	43.2	9.12	.50	7.00	27.50		424549	424549	1215160 ★	FZ2 756692 FZ3, 4 756691
	53.5	11.12	.62	8.00	27.50		423629	423629	1215160 ★	742475
2130	43.2	9.12	.50	7.00	27.50		424549	424549	1215160 ★	FZ2 756693 FZ3, FZ4 742475
	53.5	11.12	.62	8.00	27.50		423629	423629	1215160 ★	

TABLE 29 — Maximum Allowable Moment (lb-in)

2060F	23,000
2070F	32,000
2080F	53,000
2090F	60,000
2100F	60,000
2110F	68,000
2120F	70,000
2130F	70,000

Refer to previous pages for Drive "LA" Dimensions.

★ Bracket Will Require Rework Using FZ2 Bracket As Rough Part.

□ Bracket Width Exceeds Drive Foundation Width. Customer To Provide Clearance For Bracket Width "P".