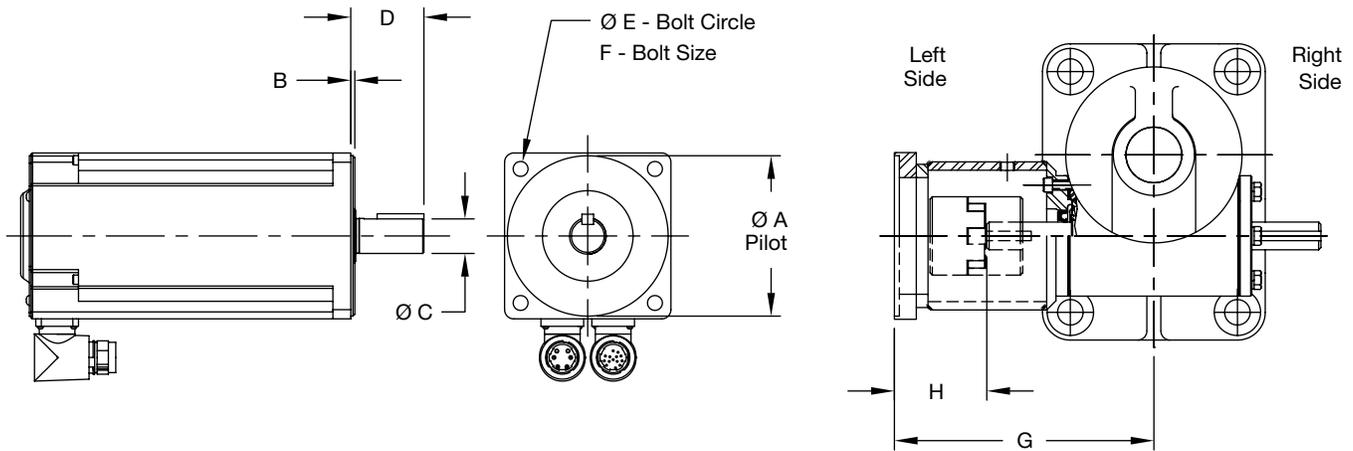


# OPTIONS SERVO MOTOR MOUNTS

Joyce offers servo motor mounts for 2, 2-1/2, 3, 5, and 10-ton worm gear screw jacks and electric cylinders. Easily attach the motor of your choice to either side of your jack. These mounts are compatible with various servo motors but Joyce can provide servo motor mounts to meet your exact specifications.

Contact Joyce today and allow us to provide motor mounts that meet your servo motor specifications.



Motor Frame Dimensions (mm)						
Shaft Code	A	B	C	D	E	F
SM01	80.0	2.74	16.0	40.0	100.0	M6x1.00
SM02	95.0	2.74	19.0	40.0	115.0	M8x1.25
SM03	110.0	2.74	24.0	50.0	130.0	M8x1.25
SM04	110.0	2.74	24.0	50.0	130.0	M8x1.25
SM05	130.0	3.12	28.0	60.0	165.0	M10x1.50
SM06	130.0	3.12	28.0	60.0	165.0	M10x1.50

Jack Dimensions (mm)				
Jack Model	Shaft Code	G	H	Max. Coupling Torque N-m
2 Ton Reverse Base, 2-1/2, & 3 Ton	SM01	137.0	52.8	15.2
	SM02	142.0	53.0	24.4
	SM03	152.0	63.0	32.8
	SM04	157.0	68.0	60.0
	SM05	161.8	72.9	32.8
	SM06	167.8	78.9	60.0
5 Ton	SM01	162.7	52.6	15.2
	SM02	167.6	53.3	24.4
	SM03	177.8	63.4	32.8
	SM04	182.8	68.5	60.0
	SM05	187.5	73.2	32.8
	SM06	193.4	79.1	160.0
10 Ton	SM02	193.4	53.7	24.4
	SM04	207.8	68.1	60.0
	SM05	213.2	73.5	32.8
	SM06	219.2	79.5	160.0

Note: Drawings are artist's conception — not for certification; dimensions are subject to change without notice.

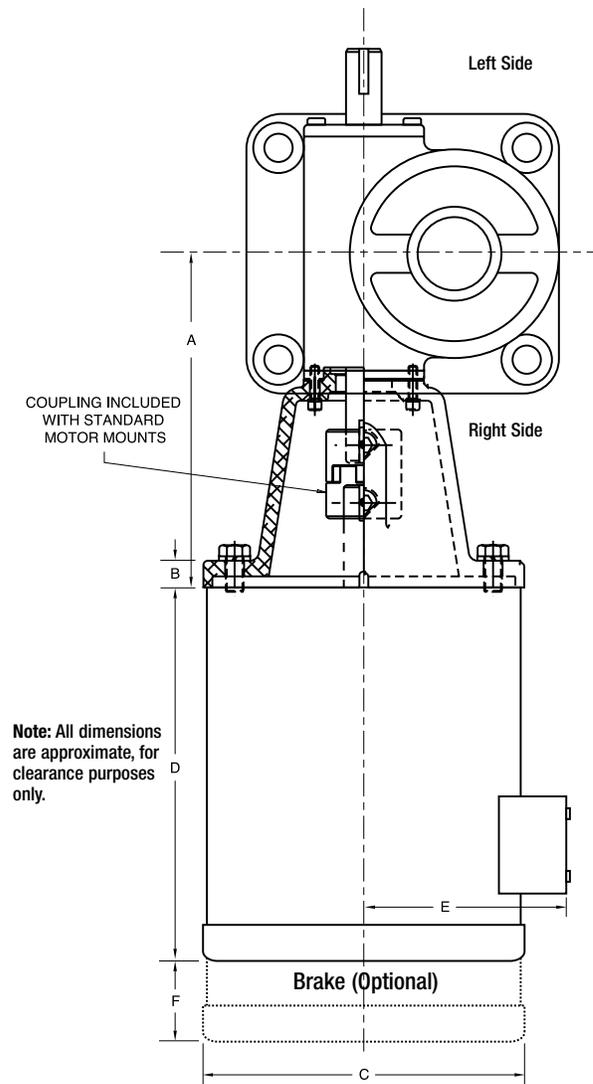
# OPTIONS MOTOR MOUNTS AND STOCK MOTORS

Joyce motor mounts allow direct coupling to the motor shaft on either the right (shown) or left side jack input shaft. For easy installation 2-ton through 20-ton wormgear style jacks are available with motor mount adapters for standard NEMA C-Face motors. Jacks supplied with motor mounts are available with and without NEMA C-Faced motors. When motors are included they come with the necessary hardware and coupling keys. Contact Joyce for information about other types of motor mounts (i.e., IEC, pneumatic, etc.).

Motor Mount Dimensions			
Capacity	NEMA Frame Size	A	B
2 ton	56C	6.25	.50
	140TC		
2.5 ton	56C	6.25	.50
	140TC		
3 ton	56C	6.25	.50
	140TC		
5 ton	56C	7.25	.50
	140TC	7.25	.50
	180TC	8.00	.63
10 ton	56C	8.25	.50
	140TC	8.25	.50
	180TC	9.00	.63
15 ton	56C	8.25	.50
	140TC	8.25	.50
	180TC	9.00	.63
20 ton	56C	8.25	.50
	140TC	8.25	.50
	180TC	9.00	.63
	210TC	9.75	.88

Motor Dimensions					
HP	NEMA Frame Size	C	D	E	F
1/3	56C	7.06	9.31	5.94	4.25
1/2	56C	7.06	9.31	5.94	4.25
3/4	56C	7.06	9.31	5.94	4.25
1	143TC	7.19	10.25	6.34	4.56
1 1/2	145TC	7.19	10.25	6.34	4.56
2	145TC	7.19	11.25	6.34	4.56
3	182TC	9.06	17.38	7.50	4.56
5	184TC	9.06	18.75	7.50	4.56
7 1/2	213TC	10.85	15.81	7.50	8.25

Ordering information is found within specific product sections.



- All standard motors are 3-phase, 60 Hz., 208-230/460 VAC or 230/460 VAC. Other motor options are available. Contact Joyce for motor speeds that exceed 1750 RPM.
- It is important to consider the input torque a direct drive motor must deliver at start up.
- Brake motors (M2) are recommended for double lead jacks, ball screw jacks and actuators, and electric cylinders that are more than 30% efficient.
- If the motor frequency will be varied to provide a “soft” start, an inverter duty motor may be needed.

NOTE: JAX® Online software may be used to size direct-drive motors, but users are advised to evaluate motor start-up torque requirements and adjust motor horsepower accordingly. Contact Joyce for assistance.

Note: Drawings are artist's conception — not for certification; dimensions are subject to change without notice.