

DOUBLE C-FACE COUPLER BRAKES

A new and expanded line of Coupler Brakes designed for applications where mounting the brake between the motor and driven load is the preferred, or most convenient, location. They are an excellent problem solver for applications where a brake needs to be added to existing equipment – without replacing the motor.

Rugged cast aluminum or cast iron construction Stearns brakes are well suited to most industrial applications. Coupler brakes are designed to be C-face connected on both ends – these brakes are not suited for overhung loads to be applied to the output shaft.

A wide range of voltages and brake torque ratings in both NEMA 2 and NEMA 4X enclosures are available from stock. NEMA 2 brakes are best suited for use with standard ODP and TEFC motors. NEMA 4X brakes are designed for use with LEESON WASHGUARD motors.

GENERAL PURPOSE COUPLER BRAKES

Mounts directly to the face and shaft of NEMA 56 through 215T-frame C-face motors to create a fail-safe brakemotor.

The 6 ft.lb. brake mounts to NEMA 56C or 143-5TC motors using an optional adaptor sleeve, which is included with the brake. Output shaft can be either 56C or 143-5TC depending on the location of the provided adaptor sleeve. A 1/2 NPT threaded lead exit hole is provided for power connections.



Stearns

GENERAL PURPOSE (NEMA 2) COUPLER BRAKES

For Both Single and Three Phase Motors

Motor Voltage 115/208-230V	Motor Voltage 208-230/460V	Motor Voltage 575V	Brake Rating (ft.-lbs)	Max. HP @ 1725 rpm	Mounts to NEMA Frame	Coupler Brake Output Shaft and Face	Add to Motor "C" Dim.	App. Wt. (lbs.)
175563.00	175564.00	175565.00	3	1	56C	5/8", 56C	4.91	13
175569.00	175570.00	175571.00	6	2	56C/143-5TC	5/8" or 7/8", 56C	4.91	14
17557500	175576.00	175577.00	10	3	143-5TC	7/8", 143-5TC	4.91	15
—	175581.00	—	15	3	143-5TC	7/8", 143-5TC	4.91	16
—	175583.00	—	15	3	182-4TC	1 1/8", 182-4TC	8.38	58
—	175585.00	—	25	5	182-4TC	1 1/8", 182-4TC	8.38	58
—	175587.00	—	35	7 1/2	213-5TC	1 3/8", 213-5TC	8.88	60
—	175589.00	—	50	10	213-5TC	1 3/8", 213-5TC	8.88	62

WASHGUARD COUPLER BRAKES

Solid die-cast aluminum Stearns NEMA 4X coupler brake converts any TEFC or TENV 56C thru 215TC motor to a fail-safe brakemotor by mounting between the C-face motor and driven equipment. Food safe white epoxy finish. BISSC Certified. Adds 5" to the overall length of 56C thru 145TC WASHGUARD TEFC or TENV motors. Includes all mounting components.



WASHGUARD (NEMA 4X) COUPLER BRAKES

For Both Single and Three Phase Motors

Motor Voltage 115/208-230V	Motor Voltage 208-230/460V	Motor Voltage 575V	Brake Rating (ft.-lbs)	Max. HP @ 1725 rpm	Mounts to NEMA Frame	Coupler Brake Output Shaft and Face	Add to Motor "C" Dim.	App. Wt. (lbs.)
175566.00	175567.00	175568.00	3	1	56C	5/8", 56C	4.94	13
175572.00	175573.00	175574.00	6	2	56C/143-5TC	5/8" or 7/8", 56C	4.94	14
175578.00	175579.00	175580.00	10	3	143-5TC	7/8", 143-5TC	4.94	15
—	175582.00	—	15	3	143-5TC	7/8", 143-5TC	4.94	16
—	175584.00	—	15	3	182-4TC	1 1/8", 182-4TC	8.38	58
—	175586.00	—	25	5	182-4TC	1 1/8", 182-4TC	8.38	58
—	175588.00	—	35	7 1/2	213-5TC	1 3/8", 213-5TC	8.88	60
—	175590.00	—	50	10	213-5TC	1 3/8", 213-5TC	8.88	62