

NEW!**Explosion proof, brake, three phase**

1/2 thru 5 Hp

**Features:**

- Robust steel and cast iron frame designs
- Auto thermal overload (<1 Hp), normally closed thermostats (>1 Hp)
- 1.15 service factor
- Inverter duty
- C-Face, foot mounted as standard
- Spring set brake, power off operation manual brake release
- Brake resets automatically
- External, separately wired brake
- Normally closed thermostats
- Threaded lead inlet

Applications:

- Customer specified Division 1 hazardous areas
- Stopping and holding brake motor
- Fixed and variable speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating lb.-ft.	Notes (a)
1/2	1800	56C	CBXMN050542	②	T3C	XPB	19.44	95	80	208-230/460	0.8	3	60
3/4	1800	56C	CBXMN050742	②	T2C	XPB	19.13	93	78.5	208-230/460	1.4	6	60
1	1800	143TC	CBXMN14142T	②	T3C	XPB	20.37	99	87.5	230/460	1.5	6	60
2	1800	182TC	CBXMN18242T	②	T3C	XPB	23.24	145	86.5	230/460	3	10	60
3	1800	182TC	CBXM18342T	②	T3C	XPB	27.20	240	89.5	230/460	12	15	
5	1800	184TC	CBXM18542T	②	T3C	XPB	30.83	289	89.5	230/460	13	25	

(a) See notes on inside back flap. **Red** catalog number indicates **NEW** product.

② = Class I, Group D, Class II, Group F & G

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain. Please note that only the motor can be connected to adjustable speed drive. Brake is to be supplied with sinusoidal power only.

Explosion proof, close coupled pump, three phase

3 thru 10 Hp

**Features:**

- NEMA JM pump mounting
- IP54 ingress protection
- 1.15 service factor
- Inverter duty
- Steel band frame, cast iron endplates
- Oversized ball bearings, locked DE
- Normally closed thermostats
- Threaded lead inlet

Applications:

- Customer specified Division 1 hazardous areas
- Wastewater
- Industrial pumps
- Fixed and variable speed operation

Hp	RPM	NEMA Frame	Catalog Number	XP Cls/ Grp	Temp Code	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
3	3600	143JM	JMXM14322T	②	T3C	XPP	18.67	72	86.5	230/460	3.6	
		182JM	JMXM18322T	②	T2C	XPP	18.98	90	86.5	230/460	3.7	
5	3600	184JM	JMXM18522T	②	T2C	XPP	20.36	112	88.5	230/460	5.9	
		184JM	JMXM18722T	②	T2C	XPP	21.86	120	89.5	230/460	8.4	
7 1/2	3600	213JM	JMXM21722T	②	T2C	XPP	20.05	170	89.5	230/460	9	
		215JM	JMXM21122T	②	T2C	XPP	20.05	175	90.2	230/460	11.8	

(a) See notes on inside back flap. **Red** catalog number indicates **NEW** product.

② = Class I, Group D, Class II, Group F & G

Caution: Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. If internal condensation buildup is a concern for your XP motor application, select a motor that includes UL listed breather drain.

NEW!

Information

Single phase

General purpose

Severe duty

Large AC

Washdown duty

Explosion proof

Pump

HVAC

Farm duty