

**OPERATING CHARACTERISTICS
BRAKEMOTORS
TYPE FCR - ALL 6 POLE**

HP	NEMA FRAME	FULL LOAD SPEED	VOLTAGE AND FREQUENCY	S.F.	AMPERES		TORQUE (LB - FT)			% EFFICIENCY			POWER FACTOR			BRAKE COIL VOLTAGE V DC
					FULL LOAD (FLC)	LOCKED ROTOR % OF FLC	FULL LOAD LB.FT	BREAK DOWN % OF FLT	LOCKED ROTOR % OF FLT	1/2	3/4	4/4	1/2	3/4	4/4	
1/3	56	1155	208 @ 60 Hz	1.15	1.60	344	1.50	221	170	64.60	67.60	66.60	0.57	0.64	0.71	180
		1155	230 @ 60 Hz	1.15	1.60	388	1.50	280	190	56.70	60.60	65.50	0.51	0.57	0.69	180
		1155	460 @ 60 Hz	1.15	0.80	388	1.50	280	190	56.70	60.60	65.50	0.51	0.57	0.69	180
		950	400 @ 50 Hz	1.00	0.70	414	1.82	223	150	52.70	60.30	63.60	0.50	0.63	0.75	180
1/2	56	1150	208 @ 60 Hz	1.15	2.10	467	2.28	162	180	68.00	68.30	71.10	0.67	0.68	0.77	180
		1150	230 @ 60 Hz	1.15	2.00	530	2.28	201	225	59.00	60.80	66.90	0.54	0.55	0.68	180
		1150	460 @ 60 Hz	1.15	1.00	530	2.28	201	225	59.00	60.80	66.90	0.54	0.55	0.68	180
		950	400 @ 50 Hz	1.00	1.10	409	2.76	160	160	62.40	66.60	67.50	0.58	0.69	0.73	180
3/4	143	1145	208 @ 60 Hz	1.15	3.20	391	3.44	217	174	57.00	62.00	64.00	0.59	0.65	0.71	180
		1145	230 @ 60 Hz	1.15	3.20	447	3.44	260	228	63.00	70.70	73.90	0.40	0.52	0.63	180
		1145	460 @ 60 Hz	1.15	1.60	447	3.44	260	228	63.00	70.70	73.90	0.40	0.52	0.63	180
		950	400 @ 50 Hz	1.00	1.70	374	4.14	204	185	63.00	68.00	70.00	0.45	0.56	0.65	180
1	145	1150	208 @ 60 Hz	1.15	3.60	555	4.56	296	288	65.00	71.00	75.40	0.52	0.63	0.77	180
		1150	230 @ 60 Hz	1.15	4.20	571	4.56	336	328	60.00	67.00	71.00	0.45	0.54	0.64	180
		1150	460 @ 60 Hz	1.15	2.10	571	4.56	336	328	60.00	67.00	71.00	0.45	0.54	0.64	180
		940	400 @ 50 Hz	1.00	2.30	478	5.58	286	280	60.00	67.00	70.00	0.46	0.58	0.67	180
1-1/2	182	1150	208 @ 60 Hz	1.15	5.30	434	6.85	215	200	68.70	72.00	73.70	0.57	0.64	0.72	180
		1150	230 @ 60 Hz	1.15	5.30	453	6.85	253	240	64.40	72.40	74.80	0.42	0.56	0.66	180
		1150	460 @ 60 Hz	1.15	2.65	453	6.85	253	240	64.40	72.40	74.80	0.42	0.56	0.66	180
		940	400 @ 50 Hz	1.00	3.20	363	8.38	211	200	67.90	72.40	72.40	0.50	0.63	0.68	180
2	182	1170	208 @ 60 Hz	1.15	9.10	580	8.97	330	250	74.00	75.00	76.50	0.48	0.56	0.65	180
		1170	230 @ 60 Hz	1.15	9.00	600	8.97	360	275	69.70	74.80	77.00	0.44	0.52	0.60	180
		1170	460 @ 60 Hz	1.15	4.50	600	8.97	360	275	69.70	74.80	77.00	0.44	0.52	0.60	180
		960	400 @ 50 Hz	1.00	4.50	560	10.94	310	240	69.00	74.00	76.00	0.46	0.54	0.63	180
3	215T	1160	208 @ 60 Hz	1.15	10.30	515	13.58	210	175	73.00	77.00	78.00	0.59	0.69	0.74	180
		1160	230 @ 60 Hz	1.15	10.00	600	13.58	252	220	73.30	78.50	80.00	0.51	0.61	0.69	180
		1160	460 @ 60 Hz	1.15	5.00	600	13.58	252	220	73.30	78.50	80.00	0.51	0.61	0.69	180
		960	400 @ 50 Hz	1.00	5.80	500	16.40	227	204	71.20	76.80	78.70	0.51	0.62	0.71	180

4 pole are available on request