

Grundfos specified TEFC motors

Hp	Ph	Frame	S.F.	Voltage [V]	Motor Eff [%]	Insul. Class	KVA Code	Full Load Current [A]	Service Factor Current [A]	Start Current [A]	Motor Type
1/3	1	56C	1.35	115/230	55	B	K	6.0/3.0	7.6/3.8	28/14	Baldor
	3	56C	1.35	208-230/460	78.5	F	L	1.12-1.1/0.55	1.5-1.45/0.75	7.1-7.7/3.9	ML
1/2	1	56C	1.6	115/230	62	B	K	7.4/3.7	9.8/4.9	39/19.5	Baldor
	3	56C	1.25	208-230/460	78.5	F	K	1.64-1.55/0.78	2.0-1.9/0.95	9.7-10.1/5.1	ML
3/4	1	56C	1.25	115/230	66	B	K	9.6/4.8	11.4/5.7	56/28	Baldor
	3	56C	1.25	208-230/460	79	F	K	2.4-2.3/1.2	2.9-2.75/1.4	14.2-15/7.8	ML
1	1	56C	1.25	115/230	66	B	K	12/6.0	14.4/7.2	77/38.5	Baldor
	3	56C	1.25	208-230/460	80	F	J	3.25-3.35/1.68	4.0-3.9/1.95	19.2-21.8/10.9	ML
1 1/2	1	56C	1.3	115/208-230	71	B	K	17/9.5-8.6	20.4/11.3-10.2	106/58.6-53	Baldor
	3	56C	1.15	208-230/460	84	F	M	4.7-4.6/2.3	5.2-5.1/2.55	33.8-36.8/18.4	ML
2	1	56C	1.15	115/208-230	74	F	K	23/12.7-11.5	25.4/14.0-12.7	156/86-78	Baldor
	3	56C	1.15	208-230/460	85.5	F	G	5.7-5.4/2.7	6.55-6.1/3.05	46.2-48.6/24.3	ML
3	1	182TC	1.15	115/208-230	75	F	H	29/16-14.5	31.8/18-15.9	170/94-85	Baldor
	3	182TC	1.15	208-230/460	86.5	F	M	8.4-7.7/3.9	9.5-8.6/4.3	79.0-80.1/40.6	ML
5	1	213TCZ	1.15	208-230	80	F	J	24-22	27-25	188-170	Baldor
	3	182TC	1.15	208-230/460	88.5	F	L	13.8-13.0/6.5	15.6-14.6/7.3	124-129/64.4	ML
7 1/2	1	213TC	1.15	208-230	82	F	F	33.8-31	38.5-35.5	244-220	Baldor
	3	213TC	1.15	208-230/460	90	F	N	20.4-19.4/9.7	23-21.5/10.8	192-202/101	ML
10	1	213TC	1.15	230	85.5	F	F	40	46	284	Baldor
	3	213TC	1.15	208-230/460	90.2	F	L	26.5-25.5/12.8	30.5-28.5/14.5	239-252/127	ML
15	3	254TCZ	1.15	208-230/460	90.2	F	K	37.5-34/17	42.5-39/19.5	270-304/152	Baldor
20	3	254TCZ	1.15	208-230/460	90.2	F	K	47-46/23	53-52/26	355-412/206	Baldor
25	3	284TSCZ	1.15	230/460	91	F	J	56/28	64/32	498/249	Baldor



G47845sh

Notes:

1. The information in this chart applies to **Grundfos specified Baldor® motors and Grundfos ML motors.**
 Grundfos CR pumps are supplied with heavy-duty 2-pole, NEMA C-frame motors built or selected to our rigid specifications. All CR pump motors have heavy-duty bearings in them for maximum thrust requirements.
It is not recommended that an off-the-shelf standard Baldor motor be used on a Grundfos pump. Ideally, the best motor choice would be the Grundfos specified motor.

- Other motor types are available (i.e., Explosion proof, Mill and Chem duty, Premium Efficiency, etc.), consult local Grundfos company for more information.
- Pumps supplied by Grundfos Canada are normally supplied with motors from other manufactures; 575 volt motors meet EPC/NRC efficiency standards. Dimensions and data will vary, contact local Grundfos company for more information.
- All values are subject to change without notice.

MLE motors

HP	Voltage	PH	NEMA Frame	Service Factor	Full Load Eff [%] *	Ins. Class	Full Load Amps **	Service Factor Amps
1/2	208-230	1	56C	1.0	71.0	F	2.80	-
3/4	208-230	1	56C	1.0	74.0	F	3.90	-
1	208-230	1	56C	1.0	76.0	F	5.20	-
	460-480	3	56C	1.25	78.0	F	1.70	2.10
1 1/2	208-230	1	56C	1.0	77.0	F	7.50	-
	460-480	3	56C	1.15	80.0	F	2.15	2.50
2	208-230	3	56C	1.0	78.3	F	5.60	-
	460-480	3	56C	1.15	82.0	F	2.70	3.10
3	208-230	3	182TC	1.0	79.5	F	8.10	-
	460-480	3	182TC	1.15	84.0	F	3.70	4.30
5	208-230	3	184TC	1.0	79.7	F	13.4	-
	460-480	3	184TC	1.15	85.0	F	6.10	7.00
7 1/2	208-230	3	215TC	1.0	82.5	F	19.7	-
	460-480	3	215TC	1.15	85.0	F	8.90	10.3
10	460-480	3	215TC	1.15	86.0	F	12.0	13.8



GR 8872_P

* This is the combined full load efficiency of the motor and variable frequency drive.

** At 208 volts for 208-230 volt motors and at 460 volts for 460-480 volt motors.