

# Grundfos Motor Specifications

## Electrical Data

Submersible Pump Motors - 60Hz

### GRUNDFOS MOTORS

HP	Ph	VOLT	S.F.	Circ. Brkr or Fuses		AMPERAGE		FULL LOAD		Max. Thrust (lbs)	Line-to-Line Resistance (Ohms)		KVA Code **	Three Phase Overload Protection		Nameplate No.	Grundfos Product No.
				Std.	Delay	Start	Max.	Eff. (%)	Pwr Fact.		Blk-Yel	Red-Yel		Starter size	Furnas Amb. Comp		
<b>4-Inch, Single Phase, 2-Wire Motors</b> (control box not required)																	
1/3	1	230	1.75	15	5	25.7	4.6	59	77	900	6.8-8.2		S	--	--	79952101	791595016
1/2	1	115	1.60	30	15	55	12.0	62	76	900	1.1-1.3		R	--	--	79922102	96440313
1/2	1	230	1.60	15	7	34.5	6.0	62	76	900	5.2-6.3		R	--	--	79952102	791595026
3/4	1	230	1.50	20	9	40.5	8.4	62	75	900	3.2-3.8		N	--	--	79952103	791595036
1	1	230	1.40	25	12	48.4	9.8	63	82	900	2.5-3.1		M	--	--	79952104	791595046
1 1/2	1	230	1.30	35	15	62	13.1	64	85	900	1.9-2.3		L	--	--	79952105	791595056
<b>4-Inch, Single Phase, 3-Wire Motors</b>																	
1/3	1	115	1.75	25	10	29	9.0	59	77	900	1.55-1.9	2.4-3	M	--	--	79423101	96437143
1/3	1	230	1.75	15	5	14	4.6	59	77	900	6.8-8.3	17.3-21.1	L	--	--	79453101	96437145
1/2	1	115	1.60	30	15	42.5	12.0	61	76	900	0.9-1.1	1.9-2.35	L	--	--	79423102	96437144
1/2	1	230	1.60	15	7	21.5	6.0	62	76	900	4.7-5.7	15.8-19.6	L	--	--	79453102	791545026
3/4	1	230	1.50	20	9	31.4	8.4	62	75	900	3.2-3.9	14-17.2	L	--	--	79453103	791545036
1	1	230	1.40	25	12	37	9.8	63	82	900	2.6-3.1	10.3-12.5	K	--	--	79453104	791545046
1.5	1	230	1.30	30	15	45.9	11.6	69	89	900	1.9-2.3	7.8-9.6	H	--	--	79453105	791545056
2	1	230	1.25	30	15	57	13.2	72	86	1500	1.5-1.8	3.4-4.1	G	--	--	79454506	96449947
3	1	230	1.15	45	20	77	17.0	74	93	1500	1.2-1.4	2.45-3	F	--	--	79454507	96449948
5	1	230	1.15	70	30	110	27.5	77	92	1500	0.65-0.85	2.1-2.6	F	--	--	79454509	96449949
<b>4-Inch, Three Phase, 3 Wire Motors</b>																	
1 1/2	3	230	1.30	15	8	40.3	7.3	75	72	900	3.9		K	0	K41	79302005	96437158
		460	1.30	10	4	20.1	3.7	75	72	900	15.9		K	0	K32	79362005	96437168
		575	1.30	10	4	16.1	2.9	75	72	900	25.2		K	0	K28	79392005	791539056
2	3	230	1.25	20	10	48	8.7	76	75	900	3.0		J	0	K50	79302006	96437159
		460	1.25	10	5	24	4.4	76	75	900	12.1		J	0	K34	79362006	96437169
		575	1.25	10	4	19.2	3.5	76	75	900	18.8		J	0	K31	79392006	791539066
3	3	230	1.15	30	15	56	12.2	77	75	900	2.2		H	0	K54	79302007	96454198
		460	1.15	15	7	28	6.1	77	75	900	9.0		H	0	K37	79362007	96454203
		575	1.15	15	6	22	4.8	77	75	900	13.0		H	0	K36		96405815
5	3	230	1.15	40	25	108	19.8	80	82	1500	1.2		H	1	K61	79304509	96405802
		460	1.15	20	12	54	9.9	80	82	1500	5.0		H	0	K50	79354509	96405811
		575	1.15	15	9	54	7.9	80	82	1500	7.3		H	0	K43	79394509	96405816
7 1/2	3	230	1.15	60	30	130	25.0	81	82	1500	0.84		H	1	K67	79305511	96405805
		460	1.15	35	15	67	12.8	81	82	1500	3.24		J	1	K56	79355511	96405814
		575	1.15	30	15	53	10.6	81	82	1500	5.2		J	1	K53	79395511	96405819
10	3	460	1.15	50	25	90	18.0	81	80	1500	1.16		H	1	K61	79355512	96440318
		575	1.15	40	20	72	14.4	81	80	1500	1.84		H	1	K58	79395512	96440319
<b>6-Inch, Three Phase, 3 Wire Motors</b>																	
7 1/2	3	230	1.15	60	35	119	26.4	80.5	76	1500	0.63		H	1	K67	78305511	96405781
		460	1.15	30	15	59	13.2	80.5	76	1500	2.4		G	1	K56	78355511	96405794
		575	1.15	25	12	48	10.6	80.5	76	1500	4.07		H	1	K53	78395511	96439172
10	3	230	1.15	80	45	156	34.0	82.5	79	1500	0.41		G	1 3/4	K70	78305512	96405782
		460	1.15	40	20	78	17.0	82	79	1500	1.8		G	1	K60	78355512	96405795
		575	1.15	35	15	63	13.6	82	79	1500	3.1		G	1	K57	78395512	96439173
15	3	230	1.15	125	60	230	49.0	82.5	82	4400	0.25		G	2 1/2	K76	78305514	96405783
		460	1.15	60	30	115	24.5	82.5	82	4400	1.16		F	1 3/4	K67	78355514	96405796
		575	1.15	50	25	92	19.6	82.5	82	4400	1.9		G	1 3/4	K62	78395514	96439174
20	3	230	1.15	150	80	343	66.0	84	81	4400	0.20		H	3	K79	78305516	96405784
		460	1.15	80	40	172	33.0	84	82	4400	0.80		H	2	K68	78355516	96405797
		575	1.15	70	30	137	26.4	84	82	4400	1.32		H	2	K67	78395516	96439175
25	3	460	1.15	100	50	217	41.0	84.5	80	4400	0.62		H	2	K73	78355517	96405798
		575	1.15	80	40	175	33.0	84.5	80	4400	1.04		H	2	K70	78395517	96439176
30	3	460	1.15	110	60	237	46.5	85	83	4400	0.55		G	2 1/2	K76	78355518	96405799
		575	1.15	100	40	189	37.0	84.5	83	4400	0.92		G	2 1/2	K72	78395518	96439177
40	3	460	1.15	150	80	320	64.0	85	82	4400	0.39		H	3	K78	78355520	96405800