



Fairford Product Selector 2016

Due consideration should be given to the selection of the correct starter based on the rating plate of the motor and the application. The motor ratings are based on the nearest power outputs for the specified voltage. Quoted currents are for 3-ph/4-pole motors operating at 50/60Hz, actual currents may vary +/- 10%.

Application		Trip Class
Agitator		10
Compressor	Centrifugal	20
	Reciprocating	20
	Rotary Screw	20
	Rotary Vane	10
	Scroll	10
Ball Mill		20
Bow Thruster	Zero Pitch	10
	Loaded	20
Centrifuge/Decanter/bowl/Separator - Contact Fairford		CALL
Conveyor	Unloaded	10
	Loaded	20
Crusher		30
Fan	Low Inertia <85A	10
	High Inertia >85A	30
Feeder - Screw		10
Grinder		20
Hammer Mill		20
Lathe Machines		10
Mills - flour etc.		20

Application		Trip Class
Mixer	Unloaded	10
	Loaded	20
Moulding Machine		10
Pelletizers		20
Plastic and Textile Machines		10
Press, Flywheel		20
Pump - Submersible	Centrifugal	10
	Rotodynamic	10
Pump - Positive Displacement	Reciprocating	20
	Rotary	20
Pump Jack		20
Rolling Mill		20
Roots Blower		20
Saw	Band	10
	Circular	20
Screen - Vibrating		20
Shredder		30
Transformers, voltage regulators		10
Tumblers		20
Wood Chipper		30

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Registered No: 1559267

VAT No. GB 367 2844 24

In Line			In Delta			Trip Class 10	Trip Class 20	Trip Class 30
Amps	kW (400V)	HP (480V)	Amps	kW (400V)	HP (480V)	3-23:**-*	4-19:**-*	4-29:**-*
17	7.5	10	29	15	20	SGY-101	SGY-103	SGY-105
22	11	15	38	18.5	25	SGY-103	SGY-105	SGY-107
29	15	20	50	22	30	SGY-105	SGY-107	SGY-109
35	18.5	25	61	30	40	SGY-107	SGY-109	SGY-111
41	22	30	71	37	50	SGY-109	SGY-111	SGY-113
55	30	40	95	45	60	SGY-111	SGY-113	SGY-115
66	37	50	114	55	75	SGY-113	SGY-115	SGY-117
80	45	60	139	75	100	SGY-115	SGY-117	SGY-201
100	55	75	173	90	125	SGY-117	SGY-201	SGY-203
132	75	100	229	110	150	SGY-201	SGY-203	SGY-205
160	90	125	277	150	200	SGY-203	SGY-205	SGY-301
195	110	150	338	185	250	SGY-205	SGY-301	SGY-303
242	132	200	419	220	350	SGY-301	SGY-303	SGY-305
302	160	250	523	300	450	SGY-303	SGY-305	SGY-307
361	200	300	625	355	500	SGY-305	SGY-307	SGY-309
430	250	350	745	425	500	SGY-307	SGY-309	SGY-401
500	280	400	866	500	600	SGY-309	SGY-401	SGY-403
610	355	500	1057	600	800	SGY-401	SGY-403	SGY-501
722	400	600	1251	710	1000	SGY-403	SGY-501	SGY-503
850	500	700	1472	850	1100	SGY-501	SGY-503	SGY-505
960	560	800	1663	950	1250	SGY-503	SGY-505	CALL
1080	630	900	1871	1100	1500	SGY-505	CALL	CALL



SGY-101 to SGY-205	**-* = 90-5 (50°C)
SGY-301 to SGY-309	**-* = 90-3 (50°C)
SGY-401 to SGY-505	**-* = 60-3 (40°C)

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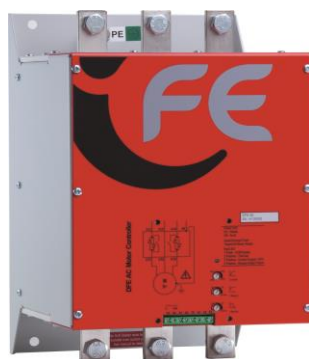
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DFE Product Selector



In Line		
Amps	kW (400V)	HP (480V)
15.5	7.5	10
22	11	15
29	15	20
35	18.5	25
41	22	30
55	30	40
66	37	50
80	45	60
97	55	75

Trip Class 10	Trip Class 20	Trip Class 30
3-23:697	4-19:701	4-29:691
DFE-02	DFE-04	DFE-04
DFE-04	DFE-04	DFE-06
DFE-06	DFE-06	DFE-08
DFE-06	DFE-08	DFE-12
DFE-08	DFE-12	DFE-16
DFE-12	DFE-16	DFE-22
DFE-14	DFE-22	DFE-22
DFE-22	DFE-22	DFE-24
DFE-22	DFE-24	DFE-26



In Line		
Amps	kW (400V)	HP (480V)
132	75	100
160	90	125
195	110	150
230	132	200
280	160	200
350	200	250
380	220	300

Trip Class 10	Trip Class 20	Trip Class 30
3-23:1177	4-19:1181	4-29:1171
DFE-26	DFE-30	DFE-32
DFE-30	DFE-32	DFE-34
DFE-32	DFE-34	DFE-36
DFE-34	DFE-36	DFE-38
DFE-36	DFE-38	CALL
DFE-38	CALL	CALL
DFE-38	CALL	CALL

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PFE & HFE Product Selector



In Line			Trip Class 10	Trip Class 20	Trip Class 30
Amps	kW (400V)	HP (480V)	3-23:697	4-19:701	4-29:691
2.7	1.1	1.5	PFE-02	PFE-04	PFE-06
3.6	1.5	2	PFE-04	PFE-06	PFE-08
4.9	2.2	3	PFE-06	PFE-08	PFE-10
6.5	3	3	PFE-08	PFE-10	PFE-12
8.5	4	5	PFE-10	PFE-12	PFE-14
11.5	5.5	7.5	PFE-12	PFE-16	PFE-18
15.5	7.5	10	PFE-14	PFE-18	PFE-18+FAN
15.5	7.5	10	PFE-16	PFE-18	PFE-18+FAN
22	11	15	PFE-18	PFE-18+FAN	CALL
29	15	20	PFE-18+FAN	CALL	CALL

Voltage	Amps	kW	HP
110V	10	0.56	0.75
110V	30	1.5	2
230V	10	1.1	1.5
230V	30	4	5.5

HFE-1
HFE-2
HFE-1
HFE-2



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