

12. Technical Data

12.1 Electrical and mechanical specifications related to model

12.1.1 Emotron VFXR/FDUL

Table 23 VFXR/FDUL typical motor power at mains voltage 400 V and 460 V (refer also to the instruction manual for Emotron VFX/FDU)

VFXR/FDUL Model	Max output current I _{max} [A]*	Normal duty 120%, 1 min every 10 min			Heavy duty 150%, 1 min every 10 min			Frame	Dimensions Height=2,250 mm (88.6 in) Depth=600 mm (23.6 in) Width mm (inches)	Weight kg (lbs)	AFR model
		Rated current I _{nom} [A]	Power @400 V [kW]	Power @460 V [HP]	Rated current I _{nom} [A]	Power @400 V [kW]	Power @460 V [HP]				
46-109	131	109	55	75	87	45	60	E46+E=G	800 (31.5)	380 (836)	AFR46-175
46-146	175	146	75	100	117	55	75	E46+E=G	800 (31.5)	400 (880)	AFR46-175
46-175	210	175	90	125	140	75	100	E46+E=G	900 (35.4)	480 (1056)	AFR46-175
46-210	252	210	110	150	168	90	125	F46+F=H	900 (35.4)	500 (1100)	AFR46-250
46-250	300	250	132	200	200	110	150	F46+F=H	900 (35.4)	500 (1100)	AFR46-250
46-300	360	300	160	250	240	132	200	F46+H=I	1300 (51.2)	700 (1540)	AFR46-250
46-375	450	375	200	300	300	160	250	G46 +G	1500 (59.1)	750 (1650)	AFR46-375
46-430	516	430	220	350	344	200	250	G46+H	1500 (59.1)	830 (1826)	AFR46-375
46-500	600	500	250	400	400	220	350	H46+H	1500 (59.1)	880 (1936)	AFR46-500
46-600	720	600	315	500	480	250	400	H46+I	1900 (74.8)	1040 (2288)	AFR46-500
46-650	780	650	355	550	520	315	400	I46+I	2200 (86.6)	1210 (2662)	AFR46-750
46-750	900	750	400	600	600	355	500	I46+I	2200 (86.6)	1210 (2662)	AFR46-750
46-860	1032	860	450	700	688	400	550	I46+J	2500 (98.4)	1370 (3014)	AFR46-750
46-1K0	1200	1000	560	800	800	450	650	J46+J	3000 (118.1)	1600 (3527)	AFR46-1K0
46-1K2	1440	1200	630	900	960	500	750	J46+KA	3300 (129.9)	1700 (3748)	AFR46-1K0
46-1K5	1800	1500	800	1250	1200	630	1000	K46+K	4500 (177.2)	2250 (4960)	AFR46-1K5
46-1K75	2100	1750	900	1500	1400	800	1200	K46+L	On request		AFR46-1K5

Assembled in IP54 cabinet including main switch + main contactor or motorized circuit breaker.

*) Available for a limited time and as long as drive temperature permits.

Table 24 VFXR/FDUL typical motor power at mains voltage 575 V and 690 V

VFXR/ FDUL Model	Max output current I _{max} [A]*	Normal duty 120%, 1 min every 10 min			Heavy duty 150%, 1 min every 10 min			Frame	Dimensions Height=2,250 mm (88.6 in) Depth=600 mm (23.6 in) Width mm (inches)	Weight kg (lbs)	AFR model
		Rated current I _{nom} [A]	Power @690V [kW]	Power @575V [HP]	Rated current I _{nom} [A]	Power @690V [kW]	Power @575V [HP]				
69-109	131	109	110	100	87	90	75	F69+F69=H69	800 (31.5)	410 (902)	AFR69-175
69-146	175	146	132	125	117	110	100	F69+F69=H69	800 (31.5)	430 (946)	AFR69-175
69-185	222	185	160	150	148	132	125	F69+F69=H69	900 (35.4)	540 (1188)	AFR69-175
69-250	300	250	250	250	200	200	200	H69+H69	1,800 (70.9)	870 (1914)	AFR69-350
69-300	360	300	315	300	240	250	250	H69+H69	1,800 (70.9)	870 (1914)	AFR69-350
69-375	450	375	355	350	300	315	300	H69+H69	1,800 (70.9)	910 (2002)	AFR69-350
69-430	516	430	450	400	344	355	350	I69+I69	2,800 (110.2)	1350 (2970)	AFR69-525
69-560	672	560	560	600	448	450	400	I69+I69	2,800 (110.2)	1390 (3058)	AFR69-525
69-749	900	750	710	750	600	600	600	J69+J69	On request		AFR69-700
69-995	1200	1000	1000	1000	800	800	850	K69+KA69	On request		AFR69-1K05
69-1K12	1344	1120	1100	1200	896	900	950	K69+K69	On request		AFR69-1K05

Assembled in IP54 cabinet including main switch + main contactor or motorized circuit breaker.

*) Available for a limited time and as long as drive temperature permits.