

FLUX COMMUTATOR MOTOR F 460 EX IN DETAIL

Explosion-proof commutator motor Type F 460 Ex featuring a compact design, a robust double shell housing in aluminium and a very low noise level. Tested and certified according to Directive 94/9/EC-ATEX 100a.

EC-Type-Examination Certificate PTB 97 ATEX 1035.

An improved ventilation system provides optimal cooling and ensures an extended service life.

Commutator motor, explosion-proof to II 2 G EEx de IIC T6, protection class I in 120 Volt, 60 Hz and 230 Volt, 50-60 Hz. protection class III in 24 or 12 Volt, DC.

120V, 60 Hz version UL-listed, File No. E67399, class I, group C + D.

Jet-proof according to IP 55.

With 16 ft. power cord. 120 Volt, 60Hz and 230 Volt, 50-60 Hz version with safety plug (not explosion-proof).

24 and 12 Volt version without plug.

Type F 460 Ex EL, 230 Volt, 50 Hz with infinitely variable speed control included in the switch knob for an easy control of the delivery rate.



F 460 Ex (pict.)
F 460 Ex EL



F 460-1 Ex

The commutator motor Type F 460-1 Ex is identical with Type F 460 Ex, but has a considerably higher capacity of 700 Watt.

This model is recommended for applications requiring a higher delivery rate or when transferring medium viscosity products or liquids with a higher density.

Commutator motor, explosion-proof to II 2 G EEx de IIC T6, protection class I in 120 Volt, 60 Hz and 230 Volt, 50-60 Hz.

120V, 60 Hz version UL-listed, File No. E67399, class I, group C + D.

Jet-proof to IP 55.

With 16 ft. power cord and safety plug (not explosion-proof).



COMMUTATOR MOTOR, EXPLOSION-PROOF, CERTIFIED ACCORDING TO DIRECTIVE 94/9/EC – ATEX 100a

Type	Capacity	Voltage	Frequency	Weight	Part No. Version	
					with variable speed control	without variable speed control
F 460 Ex UL	460 W	120 V	60 Hz	11,24 lbs	-	460 00 031
F 460 Ex	460 W	230 V	50–60 Hz	11,24 lbs	-	460 00 026
F 460 Ex	410 W	24 V	DC	11,24 lbs	-	460 00 003
F 460 Ex	230 W	12 V	DC	11,24 lbs	-	460 00 004
F 460 Ex EL	230 W	230 V	50 Hz	11,24 lbs	460 00 028	-
F 460-1 Ex UL	700 W	120 V	60 Hz	13,00 lbs	-	460 00 024
F 460-1 Ex	700 W	230 V	50–60 Hz	13,00 lbs	-	460 01 001
Accessories						Part No.
Earth (ground) wire with crocodile clip	6,6 ft long 6,6 ft long, reinforced version 9,8 ft long					931 90 008 931 90 015 931 90 013
Carrying handle	allowing easy immersion and removal of the pump in combination with commutator motors Type F 460 Ex, F 460 Ex EL, F 460-1 Ex or FBM 4000 Ex.					001 10 557

