

## DATA SHEET

### DC Electro Motor

<b>Type :</b>	<b>MF-DC 450L</b>	<b>Encoder :</b>	<b>115 / 1024 ppr</b>
Power :	600 – 600 kW	Speed :	600 – 1500 rpm
Voltage :	600 – 600 V	Current :	1070 – 1070 A
Exc. Voltage :	220 V	Exc. Current :	22,5 A
Mounting :	IM B3	Protection :	IP 54
Insulation cl. :	H / F	Cooling :	ICW37A86 (air-water exchanger)
Ambient :	40°C	Altitude :	1000 m a.s.l.
Duty :	S1-115% / S2-125% for 2 h		
Overload :	175% frequent / 200% occasional at base speed 160% frequent – 175% occasional at max. speed		
Excitation :	Divided (Exc=SEP)		

#### OPTIONS :

- Klixon thermoprotectors on windings (alarm & release)
- PTC thermoprotectors on bearings
- Terminal board IP 65 on RHS
- Shaft Ø150 x 250 mm
- Space Heater 220 VAC, 50 Hz
- Overspeed relay
- Tacho shaft with flange B10
- Heat exchanger
  - o Level Switch
  - o Inside air pressure switch
  - o Inside air thermostat
  - o Differential pressure switch and dirty filter detector
  - o Threaded connections 2" G
  - o Water flow switch