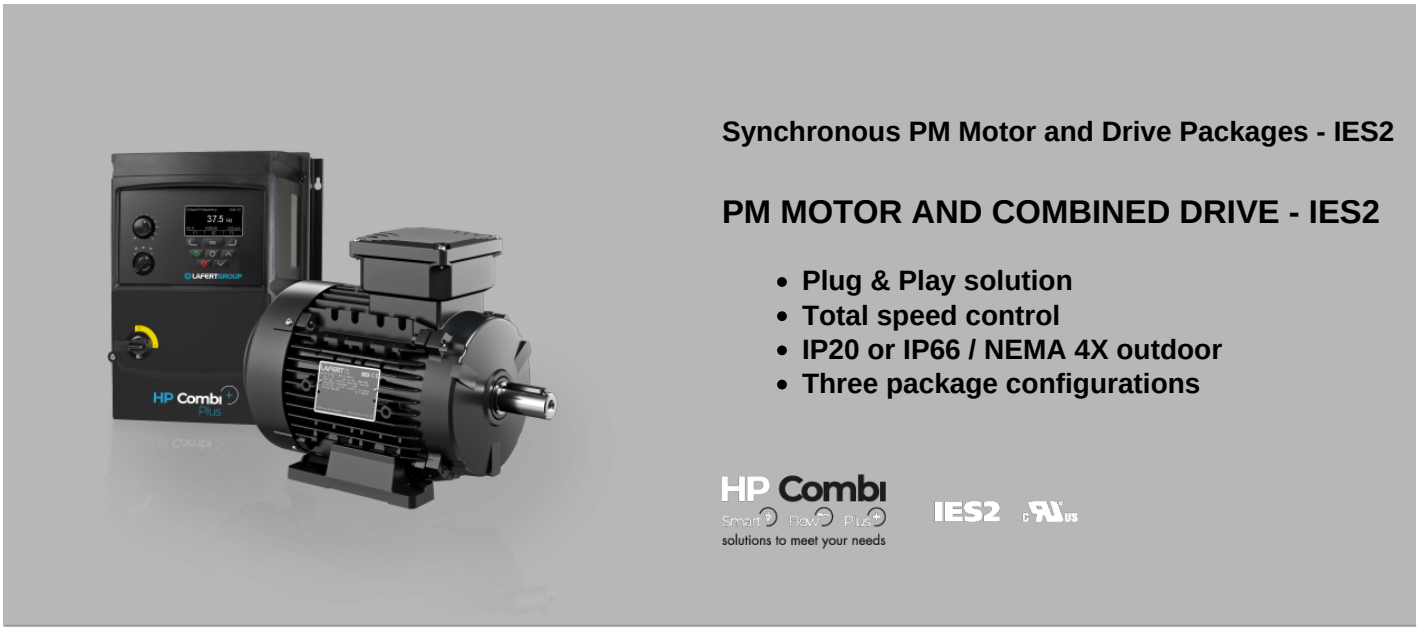
LAFERTGROUP
Member of Sumitomo Drive Technologies



TECHNICAL DATA

Motor Type	HPC 160 1500_Plus_IP55 22 kW - 1500 rpm | Drive three-phase - 200-240V

PERFORMANCE DATA

Package Type	HPC 160 1500_Plus_IP55
Rated Speed rpm	1500
Rated Power kW	22
Rated Power HP	30
Rated Torque Nm	140
Peak Torque Nm	350
Voltage Constant Vs	1.73
Torque Constant Nm/A	3.0
B.E.M.F. @ rated speed Vrs	272
Rated Current Arms	46.7
Motor Efficiency IE code	IE5
Motor Efficiency η %	94.9
Motor Weight Kg	95

Drive Type	Plus
Drive Size	5
Drive Efficiency IE code	IE2
HPC Efficiency IE code	IES2
HPC Efficiency ? %	94.4

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE	6310 2Z
Bearings NDE	6310 2Z
Lubrication grease	low & high temperature grease
Regreasing device	permanent lubrication
Cooling	IC 411
Vibration Level	A (normal)

Electrical Data

Motor Supply Voltage	400V - 50Hz
Duty type	S1
Insulation class	F
Direction of rotation	bidirectional
Ambient temperature	-15°C / +40 °C
Altitude	1000 m.a.s.l.

Drive Data

Drive Type	Plus
Drive Size	5
Supply Voltage	three-phase
Drive Voltage	200-240V
Safety Function	STO/PLC
Drive Torque	constant/variable
Fieldbus	CANopen; Modbus RTU

Inputs	3 Digital (+3 optional); 2 Analog / Digital selectable
Outputs	2 Analog / Digital; 2 Relays (+3 optional)
Degree of Protection	IP 55