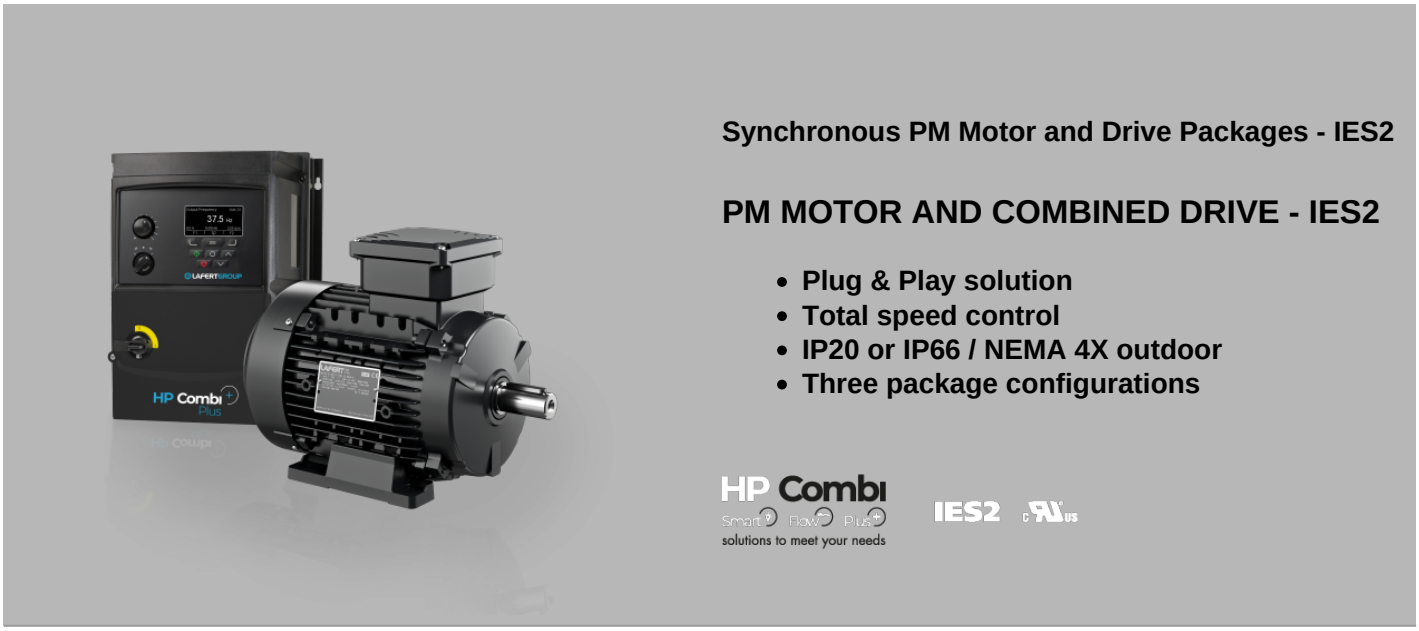
LAFERTGROUP
Member of Sumitomo Drive Technologies



TECHNICAL DATA

Motor Type	HPC 56 4500_Plus_IP20 0.55 kW - 4500 rpm | Drive three-phase - 200-240V

PERFORMANCE DATA

Package Type	HPC 56 4500_Plus_IP20
Rated Speed rpm	4500
Rated Power kW	0.55
Rated Power HP	0.75
Rated Torque Nm	1.2
Peak Torque Nm	3.5
Voltage Constant Vs	0.58
Torque Constant Nm/A	1.00
B.E.M.F. @ rated speed Vrs	272
Rated Current Arms	1.2
Motor Efficiency IE code	IE5
Motor Efficiency η %	82.7
Motor Weight Kg	3

Drive Type	Flow
Drive Size	2
Drive Efficiency IE code	IE2
HPC Efficiency IE code	IES2
HPC Efficiency ? %	80.9

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE	6202 2Z
Bearings NDE	6201 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	2
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 20