

D.C. motors

Guide to defining your order

Information which should be provided to Leroy-Somer to optimise the motor in view of its intended use.

Application			Motor	Generator
Driven machine			Quantity :	
Environmental conditions	Connection :		D.O.L. ¹	sleeve ¹
			belt/pulley ¹	pulley Ø mm
	Surroundings :			%
	clean	dusty	gaseous	humidity
	°C		m	
	Max. temperature	Temp. rise	Altitude (if > 1000 m)	Other
Power supply	single phase ¹	3-phase ¹	V	Hz
			Voltage	Frequency
	Speed drive type :	1 quadrant ¹	4 quadrants ¹	
	Bridge :	mixed ¹	full ¹	
Duty	Operation acc. to IEC 34-1		%	
	S1	S2	Other	OF
				Starts/hr
Motor characteristics	Speed :			min ⁻¹
	Power rating :			kW
	Armature voltage :			V
	min. during production		rated	maximum
	U _{armature} :	V	U _{excitation} :	V
	Starting M _D / M _N :		Duration :	Number / hr :
	Overload M _M / M _N :		Duration :	Number / hr :
Direction of rotation (seen from shaft end) :	clockwise ¹	anti-clockwise ¹	2-way ¹	
Mechanical construction	Mounting :	foot ¹	flange ¹	foot and flange ¹
	Position :	horizontal ¹	vertical ¹	Designation : IM
	Position :			Designation : IC
		ventilation	terminal box	IP
				Protection
Options	Ventilation filter ¹			
	TG adaptation	D.C. tachogenerator	Brake	Other option
		No. of commutator(s)	Braking torque N.m	
Comments				

1. Tick the box which corresponds to your selection.