

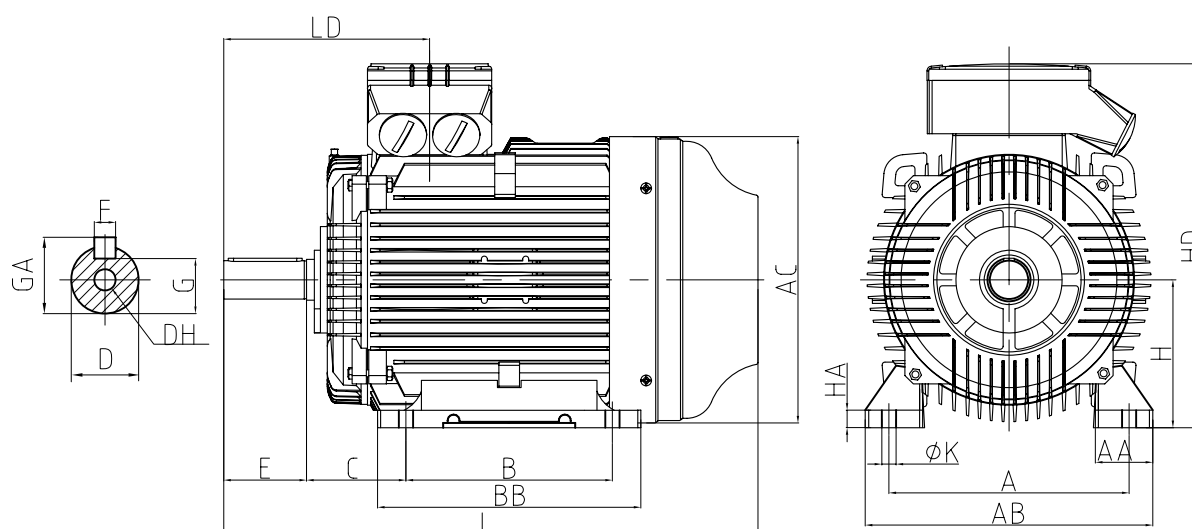
SWE280M-2 90KW 500V B3

Three-phase asynchronous motor in aluminum

Motor type SWE280M-2 90KW 500V B3
 Brand BUSCK
 Item number 93C22811RL

Voltage V	Power kW	Frequency Hz	Current A	Speed rpm
500	90	50	120,8	2980
575	103,5	60	120,8	3576

Duty	S1	Efficiency class	IE3
Enclosure	IP55	Efficiency, load 100%	95,4
Insulation class	F	Efficiency, load 75%	95,3
Cooling	IC411 (TEFC)	Efficiency, load 50%	94,4
Max. ambient temp.	40°C	Power fact, load 100%	0,90
Min. ambient temp.	-20°C		
Max. temp. rise	80 K	Painting	Standard
Max altitude, masl	1000	Color	RAL 9005
		Weight kg	550
Torque, Nm	288	Sound pressure Lp dB(A)	80
Starting torque ratio	1,8	Bearing DE	NU317
Pull out torque ratio	2,4	Bearing NDE	6314
Starting current ratio	7,4	Balance grade	Normal
		Inertia kgm2	0,823
Note	Färg grön Rullager I DE	Cable entries	2xM63 + 1xM16 (FL21)



A	B	B1	C	H	D	E	F	G	DH	GA	AA	AB	AC	HA	HD	BB	LD	L
457	419		190	280	65	140	18	58	M20	69	85	542	550	35	681	490	361	1020