

three-phase motor **HE3 90 LB2**

DNB0I090V21-B5-3

General data

Type of motor	3~
Frame size	90
Mountig	B5
Frame material	Aluminium
Insulation class	F
Terminal box location	top DE
Terminal box orientation	cable gland left side
Weight (kg)	16,0
Rotation Direction	right /left
Balancing method	half key
cooling type	IC411

Electrical data

Power 50Hz (kW)	2,2
Spannung (V)	230/400
Current 50Hz (A)	7,8/4,5
Current 60Hz (A)	6,7/3,87
Connection	Δ/Y
Poles	2
Eff. Bei 100/75/50 (%)	86,5/83/81

Color	unpainted
Protection class	IP55
Cable gland size	1x M20
cable gland type	standard
Shaft end (mm)	$\varnothing 24 \times 50$
Shaft material	C45
Specification NDE	Plastic fan
Flange size	$\varnothing 200$

Mechanical data

Torque (Nm)	7,4
Ratio speed 50Hz (rpm)	2890
Bearing DE	6205.ZZ
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Influencing factors

Duty	S1
Ambient teperature (°C)	-20 up to +40
Hight of location (m)	1000

Motor charateristics

