

DATASHEET
Single Phase Induction Motor – Capacitor Start & Run
VEL1ML71_4_0,55 B3

GENERAL INFORMATION

Item	Specification
Rated Power	0,55 kW
Poles	4
Speed	1400 rpm
Voltage	220 V
Frequency	50 Hz
Current	3.8 A
cos φ	0.88
Efficiency	65%
Frame	71
Mounting	IM B3
Protection	IP54

ELECTRICAL DATA (REAL TEST DATA)

V	Load %	Current (A)	Speed (rpm)	Output (W)	cos φ	Efficiency (%)	Hz
220	50	2.3	1450	275	0.84	60	50
220	75	3.0	1430	410	0.87	63	50
220	100	3.8	1400	550	0.88	65	50

CAPACITOR DATA

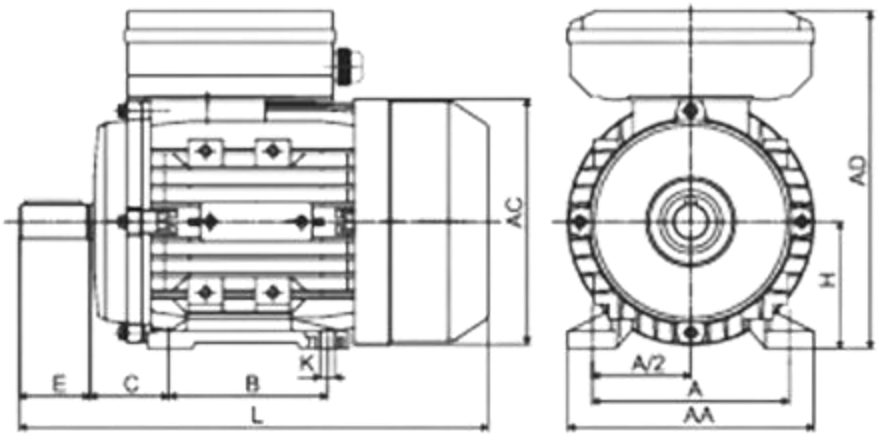
Item	Value
Run Capacitor	16 µF
Start Capacitor	80 µF
Voltage	450 V

VEL Motor reserves the right to change specifications without prior notice.

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MECHANICAL DRAWING – IM B3



MECHANICAL DIMENSIONS (IEC 60072-1)

Dimension	mm
H	71
A	112
B	90
C	45
D	14
E	30
F	5
G	11
K	7
L	260

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