

ebm-papst Ventilator (Shanghai) Co.,Ltd.

No.418, Hua Jing Road, Wai Gao Qiao Free Trade Zone, Pudong

A4Q254-BD01-10 ebmpapst Datasheet

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Nominal data

Type	M4Q045-EF01-01		
Motor	M4Q045-EF		
Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50	60
Method of obtaining data		me	me
Valid for approval/standard		CE	CE
Speed	min ⁻¹	1300	1550
Power consumption	W	110	100
Power output	W	34	34
Current draw	A	0.75	0.65
Min. ambient temperature	°C	-30	-30
Max. ambient temperature	°C	40	40
Starting current	A	1.2	0.95

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change

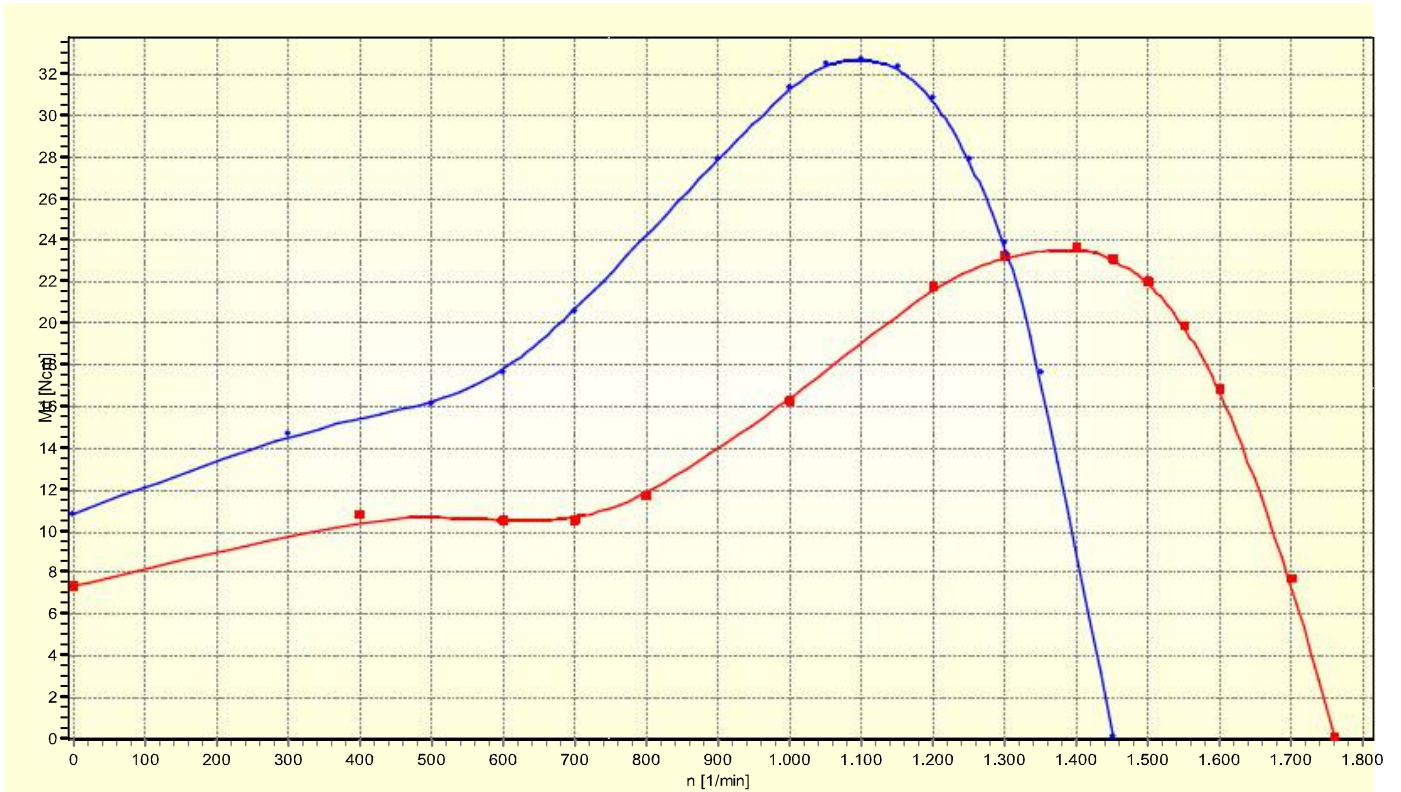


Technical description

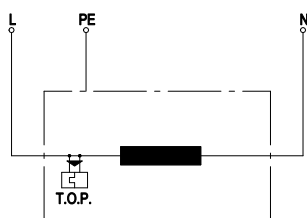
Weight	2.2 kg
Fan size	45 mm
Bearing shield material	Die-cast aluminum
Direction of rotation	Counterclockwise, viewed toward rotor
Degree of protection	IP42; installation- and position-dependent
Insulation class	"B"
Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Any, preferably horizontal
Condensation drainage holes	None
Mode	S1
Motor bearing	Calotte bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) internally connected
With cable	Lateral
Protection class	I (with customer connection of protective earth)
Conformity with standards	EN 60335-1; CE
Approval	EAC; VDE ; CCC



Curves: Speed



Connection diagram



L	= blue
PE	= green/yellow
N	= brown
TOP	= thermal overload protector

