

Data sheet

26.09.2019 MADE WITH VEM EKAT V10.9



Manufacturer

VEM motors Thurm GmbH
Äußere Dresdner Str. 35
08066 ZWICKAU
Deutschland

Customer

Motoren Francoys
akkerstraat 10
MELLE
BELGIUM

Three-phase motors with squirrel cage rotor, Housing grey cast iron

Type	IE3-W41R 132 S6
Design output	(kW) 3
Design torque	(Nm) 30
Class IE	[-] IE3-85,6%
Efficiency determination	EN 60034-2-1
Duty type	S1
Design frequency	(Hz) 50
Design speed	[rpm] 970
Voltage	(V) 400/690
Connection	[-] D Y
Current	[A] 6.75 3.91
Relative pull-in current	[-] 7,2
Relative starting torque	[-] 2,8
Relative pull-up torque	[-] 2,7
Relative pull-out torque	[-] 4
Efficiency 100/75/50 %	[%] 85,6 / 85,3 / 82,5
Power factor	[-] 0,74
Th. cl.	155(F)
Coolant temperature	(°C) -20°C...+40°C
Altitude above sea level	(m) 1000m
Degree of protection IP	IP55
Moment of inertia	(kgm²) 0,029
Motor weight	(kg) 70
Bearing, D-side	6208 2ZN C3
Bearing, N-side	6207 2ZN C3
Relubrication interval	(h)
Grease type	Asonic GLY 32
Grease amount	(g)
A-sound pressure level	(dB) 55

Options

Type of mounting	IM B3
Flange	-
Terminal box	Standard
Position of terminal box	on the top
Cable gland	Sealing plug
Position of cable entry	right
Shaft	Standard, 1 shaft end
Bearing	Easy bearing arrangement
Limit values to vibration velocity	Class A
Colour system	Balancing with half key
Delivery conditions and/or official regulations:	01 Moderate (KK C2), RAL 7031 blue-grey IEC / EN 60034-1

This document was produced electronically, all specifications are valid only after confirmation of the manufacturer

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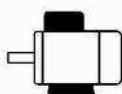
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Housing grey cast iron

IE3-W41R 132 S6

Mounting position



Type of mounting: IM B3

Flange: -

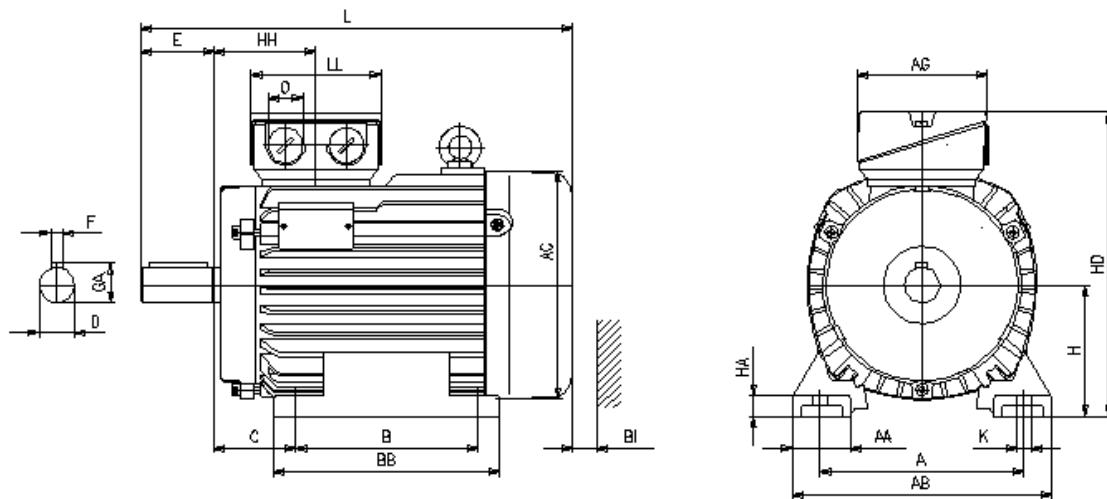
Position of terminal box: on the top

Brake type:

Forced-ventilation:

Terminal box: KK 25 A

Cable gland O: 1 xSealing plug



Motor

A 216	AA 50	AB 256	AC 217	AD -	B 140	B' -	BA 53	BA' -	BB 180	C 89	CA -	K 12	K' 12
L 527	LC -	H 132	HA 16	HD 310	HH 107	BI 35				Terminal box		BE	AH

Flange

P -	N -	LA -	M -	T -	S -				Tolerances			
									H -0,5	N j6	D k6	DA k6

Shaft-DS

D 38	E 80	GA 41	F 10	DB DIN 332 DS- M12	DA -	EA -	GC -	FA -
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DB...Centre hole

Delivery conditions and/or official regulations: IEC / EN 60034-1

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