



Data sheet

Three-phase motors with slipring rotor, low voltage version
mode of operation S1, continuous duty

Type	DSOR 315 MX4-035	
Design output	(kW)	132
Duty type		S1
Number of poles	(-)	4
Design frequency	(Hz)	50
Design speed	[rpm]	1488
Voltage	(V)	400
Connection	(-)	Y
Current	(A)	223.0
Power factor	(-)	0,9
Efficiency	(%)	94,8
Relative pull-out torque	(-)	5,3
Rotor voltage	(V)	410
Rotor connection	(-)	D
Rotor current	(A)	199
Rotor resistance	[Ω]	0,01795
Th. cl.		155(F/B)
Coolant temperature	(°C)	40 °C
Altitude above sea level	(m)	1000m
Degree of protection		IP55
Moment of inertia	(kgm ²)	5,32
Motor weight	(kg)	1275
Bearing, D-side		NU320 E
Bearing, N-side		6317 C3
Relubrication interval	(h)	4000
Grease type		ASONIC GHY72
Grease amount	(g)	78/57
Brush holder		57402 01
Carbon brush		57393 01
Slip-ring body		57793 01
Special details to bearings 1		none
Special details to bearings 2		Fixed bearing, N-side
Bearing monitoring		none
Winding protection		1 set thermistors (triple connected)
Winding protection 2		none
Anti-condensation heating		none
Special versions 1		none
Limit values to vibration velocity		Class A
Balancing with half key		
Colour system		Moderate
Colour shade		RAL 7031 blue-grey
Layer thickness		70 µm

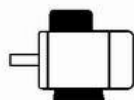
Delivery conditions and/or official regulations: DIN EN 60034-1

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Mounting position



Type of mounting: IM B3

Flange: -

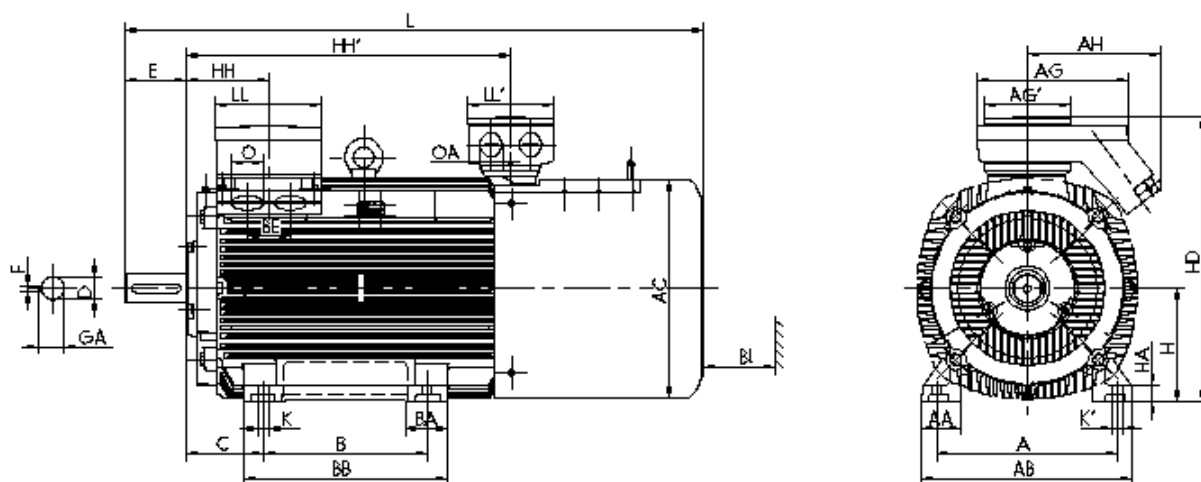
Position of terminal box: on the top

Terminal box: VGK 400 A

Cable gland O: 1 x Sealing plug

Cable gland OA: M63x1,5

connection cable: Ø 45 mm



Motor

A	AA	AB	AC	AD	B	B'	BA	BA'	BB	C	CA	K	K'
508	110	590	610	-	406	457	120	120	573	216	-	28	35

Terminal box

L	LC	H	HA	HD	HH	BI	AG	AG'	LL	LL'	BE	AH
1644	-	315	44	800	230	55	422	282	296	242	-	-

Flange

Tolerances

P	N	LA	M	T	S	H	N	D	DA
-	-	-	-	-	-	-1	h6	m6	m6

Shaft-DS

Shaft-NS

D 90	E 170	GA 95	F 25	DB DIN 332-DS M24	DA -	EA -	GC -	FA -
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DB...Centre hole

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