



Manufacturer

Customer

VEM motors GmbH - Werk Zwickau
Äußere Dresdner Str. 35

08066 ZWICKAU
Deutschland

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

Type	IE3-KPR 100 LU4 DNV GL		
Design output	(kW)	3,0	3,0
Design torque	(Nm)	19,8	16,3
Voltage	(V)	230/400	460
Connection	[-]	D/Y	Y
Design frequency	(Hz)	50	60
Class IE	[-]	IE3-87,7%	IE3-89,5%
Efficiency100/75/50 %	[%]	87,7 / 88,8 / 87,7	89,5 / 89,1 / 87,2
Efficiency determination		EN 60034-2-1	
Power factor	[-]	0,77	0,74
Duty type		S1	
Design speed	[rpm]	1450	1760
Current	[A]	11,0/6,35	5,65
Relative pull-in current	[-]	7,7	8,9
Relative starting torque	[-]	3,0	3,4
Relative pull-up torque	[-]	2,9	3,1
Relative pull-out torque	[-]	4,0	4,7
Th. cl.		155	
Coolant temperature	(°C)	45	
Altitude above sea level	(m)	1000	
Degree of protection IP		IP55	
Moment of inertia	(kgm ²)	0,013	
Motor weight	(kg)	50	
Bearing, D-side		6206 2Z C3	
Bearing, N-side		6206 2ZN C3	
Grease type		Asonic GLY 32	

Delivery conditions and/or official regulations:

IEC / EN 60034-1

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