



TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

Type	VHS - DKPM-S 45/4		
Protection Class	IP23		
Duty Type / Service Factor	VFD S1	1.0	
Insulation Class	F		
Construction Type /Frame	V1 / 200		
Altitude / Ambient temperature	1000 m	40 C°	
Customer / Date / Order Number	-	10.07.2023	-



PERFORMANCE DATA (FULL LOAD)

Rated Output (kW)	Rated Speed (1/min)	Voltage (V)	Frequency (Hz)	Current (A)	Efficiency (%)	Power Factor (Cos φ)	Rated Torque MN (Nm)	Starting Current Ratio IK/IN	Starting Torque Ratio MK/MN	Breakdown Torque Ratio MD/MN	Permissible Axial Force (kN)
45	1460	380	50	87,3	90,00	0,87	294,3	6,00	2,10	2,40	2211,0

CHARACTERISTIC DATA

Frame	Steel Plate	Bearings	Drive End Bearing	Non Drive End Bearing	
End Shield - DE and NDE	Cast Iron (GG20)		Standart	7220	6212
Foot	-				
Fan	Aluminium	Special Equipment	None		
Terminal box	Cast Iron (GG20)	Colour	RAL 2011 - Orange		
Cable Gland	PA6.6 - Pg29	Weight (kg)	344		



DIMENSIONS (mm) (Frame and Coupling)

Frame											Coupling			
H	AK	AJ	BD	AA	CD	AG	AB	P	XG	BF	BX	EW	BZ	R
24,0	343,0	375,0	430,0	Pg29	846,0	925,0	305,0	370,0	33,5	17,5	30,2	6,4	44,5	33,2

Important Note : Values provided in this datasheet represent the preliminary design values. Please keep in mind that these values might vary for the final product, due to technical requirements.