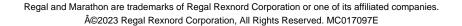
PRODUCT INFORMATION PACKET



Model No: SRWS25KF3X1BHS5L1X2
Catalog No:

450 kW, Rolling Mill Duty Motors, 3 phase, 1000 RPM, 415 V, RW13648 Frame,







Product Information Packet: Model No: SRWS25KF3X1BHS5L1X2, Catalog No: 450 kW, Rolling Mill Duty Motors, 3 phase, 1000 RPM, 415 V, RW13648 Frame,



Nameplate Specifications

Phase	3	Output HP	600 Hp
Output KW	450 kW	Voltage	415 V
Speed	1,000 rpm	Service Factor	1
Frame	RW13648	Efficiency	93.5 %
Ambient Temperature	45 °C	Frequency	50 Hz
Current	797.0 A	Power Factor	0.84
Duty	S1	UL	NA
CSA	NA	CE	NA
IP Code	IP23	RA	420 A
RV	650 V	Insulation class Stator/Rotor	Class F
Stator Connection	Delta	Rotor Connection	Star

Technical Specifications

Electrical Type	Slip Ring Induction Motor	Starting Method	LRS	
Rotation	Bi-Direction	Mounting	В3	
Motor Orientation	Horizontal	Drive End Bearing	Roller	
Opp Drive End Bearing	Ball	Frame Material	Fabricated Steel	
Shaft Type	Cylinderical	Overall Length	1775 mm	
Shaft Diameter	111.12 mm	Shaft Extension	210 mm	
Assembly/Box Mounting	Side	Rotor GD2	116 kg·m²	
Outline Drawing	RW Series			

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Р	Р	n	РОТ	Т	U	f	I	RA	RV	Duty/Class	Framo	
[kW]	[hp]	[RPM]	XFLT	[Nm]	(V)	[Hz]	[A]				Frame	
450	600	982	2.2	446	415 V	50 Hz	797	420	650	S1	RW13648	

Motor type	Slip Ring Induction Motor	Degree of protection	IP23	
Enclosure	IP23	Motor weight (kg)- approx.	Shall be offered on request	
Mounting type	В3	Motor GD2	116	kg
Cooling method	IC01	Starting method	LRS/RRS	
Voltage variation	10%	Coupling	Direct Flexible	
Frequency variation	5%	Direction of rotation	Bi-Direction	
Combined variation	10%	Paint shade	Epoxy Shade 631 of IS:5	
Insulation class	Class F	Type of Terminal Box	Standard	
Ambient temperature	45	Terminal box position	Side	
Temperature rise (by resistance)	Class F	Max. Cable size	Shall be offered on request	
Altitude above sea level	<1000 m from MSL	Bearing type	Roller	
Efficiency at FL	93.5	Type of Lubrication	Grease	
Power Factor at FL	0.84			
Stator Connection	Delta			
Rotor Connection	Star			

NOTE

All performance values at rated voltage and frequency.

All performance parameters are subjected to standard tolerance as per IEC 15999

Technical data are subject to change. There may be discrepancies between calculated and name plate values.

FRegalRexnord