

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: SRWS35KF4J2BHS5L1X2

Catalog No:

930 kW, Rolling Mill Duty Motors, 3 phase, 750 RPM, 415 V, RW168L Frame,



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RegalRexnord

Nameplate Specifications

Phase	3	Output HP	1250 Hp
Output KW	930 kW	Voltage	415 V
Speed	750 rpm	Service Factor	1
Frame	RW168L	Efficiency	95.0 %
Ambient Temperature	45 °C	Frequency	50 Hz
Current	1746.0 A	Power Factor	0.78
Duty	S1	UL	NA
CSA	NA	CE	NA
IP Code	IP23	RA	620 A
RV	950 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	B3
Motor Orientation	Horizontal	Drive End Bearing	Roller
Opp Drive End Bearing	Ball & Roller	Frame Material	Fabricated Steel
Shaft Type	Cylindrical	Overall Length	2375 mm
Shaft Diameter	124 mm	Shaft Extension	222 mm
Assembly/Box Mounting	Side	Rotor GD2	445 kg·m²
Outline Drawing	RW Series		

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P	P	n	POT	T	U	f	I	RA	RV	Duty/Class	Frame
[kW]	[hp]	[RPM]	XFLT	[Nm]	(V)	[Hz]	[A]				
930	1250	743	2.2	1218	415 V	50 Hz	1746	620	950	S1	RW168L

Motor type	Slip Ring Induction Motor	Degree of protection	IP23
Enclosure	IP23	Motor weight (kg)- approx.	Shall be offered on request
Mounting type	B3	Motor GD2	445 kgm ²
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	95	Type of Lubrication	Grease
Power Factor at FL	0.78		
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.