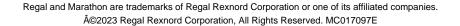
## PRODUCT INFORMATION PACKET



Model No: SRWS27KF4Z1BHS5L1X2 Catalog No:

410 kW, Rolling Mill Duty Motors, 3 phase, 750 RPM, 415 V, RW13656 Frame,







Product Information Packet: Model No: SRWS27KF4Z1BHS5L1X2, Catalog No: 410 kW, Rolling Mill Duty Motors, 3 phase, 750 RPM, 415 V, RW13656 Frame,



## Nameplate Specifications

Phase	3	Output HP	550 Hp
Output KW	410 kW	Voltage	415 V
Speed	750 rpm	Service Factor	1
Frame	RW13656	Efficiency	93.5 %
Ambient Temperature	45 ℃	Frequency	50 Hz
Current	763.0 A	Power Factor	0.8
Duty	S1	UL	NA
CSA	NA	CE	NA
IP Code	IP23	RA	345 A
RV	730 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	151 kg-m²
Outline Drawing	RW Series		

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:09/28/2023



Part Id. SRWS27KF4Z1BHS5L1X2 Catalog No. SRWS27KF4Z1BHS5L1X2

Р	Р	n	РОТ	Т	U	f	I	RA	RV	Duty/Class	Frame
[kW]	[hp]	[RPM]	XFLT	[Nm]	(V)	[Hz]	[A]			Duty/Class	
410	550	737	2.2	541	415 V	50 Hz	763	345	730	S1	RW13656

Motor type	Slip Ring Induction Moto	r Degree of protection	IP23	
Enclosure	IP23	Motor weight (kg)- approx.	Shall be offered on request	
Mounting type	В3	Motor GD2	151	kgm <sup>2</sup>
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	0.8			
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.

**FRegal**Rexnord