

PRODUCT INFORMATION PACKET

Model No: SRWS26KF4Y1BHS5L1X2

Catalog No:

375 kW, Rolling Mill Duty Motors, 3 phase, 750 RPM, 415 V, RW13652 Frame,



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Nameplate Specifications

| | | | |
|---------------------|----------------|-------------------------------|----------------|
| Phase | 3 | Output HP | 500 Hp |
| Output KW | 375 kW | Voltage | 415 V |
| Speed | 750 rpm | Service Factor | 1 |
| Frame | RW13652 | Efficiency | 93.5 % |
| Ambient Temperature | 45 °C | Frequency | 50 Hz |
| Current | 698.0 A | Power Factor | 0.8 |
| Duty | S1 | UL | NA |
| CSA | NA | CE | NA |
| IP Code | IP23 | RA | 350 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 | B3 |
| Motor Orientation | Horizontal | Drive End Bearing | Roller |
| Opp Drive End Bearing | Ball | Frame Material | Fabricated Steel |
| Shaft Type | Cylindrical | Overall Length | 1775 mm |
| Shaft Diameter | 111.12 mm | Shaft Extension | 210 mm |
| Assembly/Box Mounting | Side | Rotor GD2 | 140 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] | | | | |
| 375 | 500 | 736 | 2.2 | 496 | 415 V | 50 Hz | 698 | 350 | 650 | S1 | RW13652 |

| | | | |
|----------------------------------|---------------------------|----------------------------|-----------------------------|
| 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 | 140 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 | 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.