

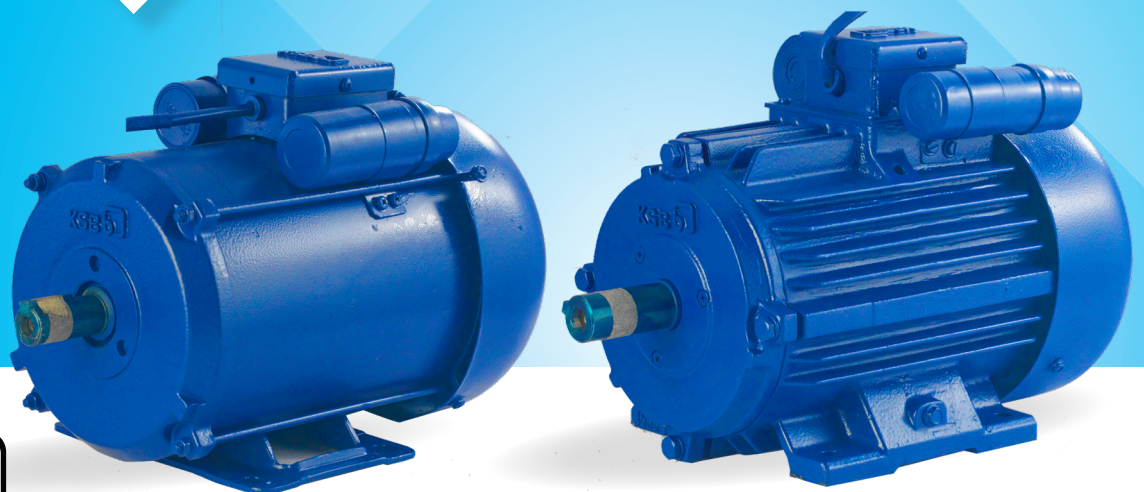


SPM Series

Single Phase Induction Motors



E-Warranty QR Code



Pumps **Made in India**
with trusted German Technology

Available in Cast Iron & Sheet metal body

SPM Series

Single Phase Induction Motors

Technical Data

- Enclosure : TEFC and DPFC*
- Supply : 1PH, 230V±6%, 50Hz±3%
- Conforms to : IS 12615:2018, IS/IEC 60034-1:2004, IEC 60034-1:2010
- Protection : IP22 / IP44
- Insulation : Class F
- Ambient Temp. : 40°C
- Temperature Rise : Class 'B' Limit
- Efficiency testing according : IEC:60034-2-1:2014-06
- Duty Cycle : S1



Salient Features

- Winding : Dual coat 'F' Copper wire, impregnated with class 155 Varnish
- Aluminum rotor : Die-cast, dynamically balanced, low vibration
- Efficiency as per IS Standards
- 99.99% purity dual coated copper suitable for F class insulation
- Thermal Overload Protector
- Heavy Duty Ball Bearings
- Dynamically Balanced Rotor
- Low Vibration and less Noise
- High Starting Torque
- Wide Voltage Range

Applications

- Paddy Thresher
- Sugarcane Crusher
- Rice Huller
- Air Compressors,
- Atta Chakki
- Domestic Flour Mill

Single Phase Induction Motor : SPM Series

Rated Output		Motor Body Construction	Pole	Enclosure	Mounting Type	Motor Frame Sizes	Rated Current (A)	Rated Speed (RPM)	Rated Torque (Kgf-m)	Starting Current	Starting Torque % of Rated Torque	Pull Out Torque % of Rated Torque
KW	HP											
0.75	1	Sheet Metal	4	DPFC	Foot	B56	6.7	1390	0.5	25	200	200
0.75	1	Sheet Metal	4	TEFC	Foot	B56	6.6	1410	0.5	38	200	200
1.5	2	Sheet Metal	4	TEFC	Foot	100S	11.5	1430	1	62	200	200
1.5	2	Cast Iron	4	TEFC	Foot	100L	11.5	1410	1	52	200	200
2.2	3	Sheet Metal	4	TEFC	Foot	100S	14.5	1430	1.5	78	200	200
2.2	3	Cast Iron	4	TEFC	Foot	112M	16.4	1440	1.5	78	200	200
3.7	5	Cast Iron	4	TEFC	Foot	112L	24.8	1450	2.5	122	200	200

*DPFC [Drip Proof Fan Cooled]

*TEFC [Totally Enclosed Fan Cooled]