

॥ राष्ट्रदेवो भवः ॥

 **Typhoon**TM
A MACHINE FOR POWER TRANSMISSION

Induction Motor

[Excellent Output In
Wide Voltage Range]



THREE PHASE ALU / CI BODY

Highly Energy Efficient

IE-2 Efficient

B3 - Foot Mounted



SINGLE PHASE SHEET METAL BODY



SINGLE PHASE CI METAL BODY



Band Saw



Drilling Machine



Lathe Machine



CNC Machine



Compressor

Chale Pragati Ki Aur[®]

Induction Motor IE-2

■ Features:

- ✓ Insulation Temp. Class - Class F (155°C)
- ✓ Easy Repairing & Rewinding
- ✓ Single Phase - 240 V; 50 Hz
- ✓ Three Phase - 415 V; 50 Hz
- ✓ B5 (Flange Mounted) Motors Are Available With Special Different Rate
- ✓ International Standard Size Design
- ✓ Pure EC (99.95%) Grade Copper Winding

■ Application:

- ✓ Light Duty Machines
- ✓ Food Processing Machinery
- ✓ Material Handling Equipments
- ✓ Wood Working Machinery
- ✓ Domestic Floor Mill
- ✓ Rolling Mills
- ✓ Oil Extracting Mill
- ✓ Compressors

■ Operation Conditions:

- Liquid Temperature : 10°C ~ 40°C
- Locate Machine Where Clear Air Has Free Access To Ventilating Inlate & Outlate
- Elevation : Below 3300 Feet
- Strong Foundation Free Of Vibration

■ Single Phase High Efficient Induction Motor

- Horizontal Foot Mounted (B3), Type : AC Squirrel Cage Single Phase Induction Motor suitable for Voltage 220 V (±10 %), 50 Hz (±5%)



High Efficiency Sheet-Metal Body 4-Pole 1500 RPM Motor					
SR. NO.	Enclosure Type	KW	HP	FRAME	EFFICIENCY
1	DP	0.37	0.50	B 56	65.89%
2	DP	0.75	1.00	B 56	72.56%
3	TEFC	1.10	1.50	100 S	83.95%
4	TEFC	1.50	2.00	100 S	82.31%
5	TEFC	2.20	3.00	100 S	81.36%



High Efficiency Cast-Iron Body 4-Pole 1500 RPM Motor					
SR. NO.	Enclosure Type	KW	HP	FRAME	EFFICIENCY
6	TEFC	0.75	1.00	90 L	72.56%
7	TEFC	1.10	1.50	100 L	83.95%
8	TEFC	1.50	2.00	100 L	82.31%
9	TEFC	2.20	3.00	112 M	81.36%

- Specification : DP – Drip Proof ; TEFC – Totally enclosed Fan Cooled

Three Phase IE – 2 Efficient Induction Motor

Horizontal Foot Mounted (B3), Type : AC Squirrel Cage Three Phase Induction Motor
suitable for Voltage 415 V(±10 %), 50 Hz(±5%), Enclosure : TEFC (Totally Enclosed Fan Cooled)



B3

IS 12615:2018



CM/L - 7600105908

**IE-2
High
Efficiency**



IE-2 High Efficiency 2-Pole 3000 RPM

SR. NO.	Body Type	KW	HP	FRAME	EFFICIENCY
1	ALU/CI	0.37	0.50	71	72.20%
2	ALU/CI	0.75	1.00	80	77.40%
3	ALU/CI	1.10	1.50	80	79.60%
4	ALU/CI	1.50	2.00	90 S	81.30%
5	CI	2.20	3.00	90 L	83.20%
6	CI	3.70	5.00	100 L	85.50%
7	CI	5.50	7.50	132 S	87.00%
8	CI	7.50	10.00	132 S	88.10%
9	CI	11.00	15.00	160 M	89.40%
10	CI	15.00	20.00	160 M	90.30%
11	CI	18.30	25.00	160 L	90.90%
12	CI	22.00	30.00	180 M	91.30%

IE-2 High Efficiency 4-Pole 1500 RPM

SR. NO.	Body Type	KW	HP	FRAME	EFFICIENCY
13	ALU/CI	0.18	0.25	63	64.70%
14	ALU/CI	0.37	0.50	71	70.10%
15	ALU/CI	0.75	1.00	80	79.60%
16	ALU/CI	1.10	1.50	90 S	81.40%
17	CI	1.50	2.00	90 L	82.80%
18	CI	2.20	3.00	100 L	84.30%
19	CI	3.70	5.00	112 M	86.30%
20	CI	5.50	7.50	132 S	87.70%
21	CI	7.50	10.00	132 M	88.70%
22	CI	9.32	12.50	160 M	-
23	CI	11.00	15.00	160 M	89.80%
24	CI	15.00	20.00	160 L	90.60%
25	CI	18.30	25.00	180 M	91.20%
26	CI	22.00	30.00	180 L	91.60%

IE-2 High Efficiency 6-Pole 1000 RPM

SR. NO.	Body Type	KW	HP	FRAME	EFFICIENCY
27	ALU/CI	0.37	0.50	80	69.00%
28	ALU/CI	0.75	1.00	90 S	75.90%
29	CI	1.10	1.50	90 L	78.10%
30	CI	1.50	2.00	100 L	79.80%
31	CI	2.20	3.00	112 M	81.80%
32	CI	3.70	5.00	132 S	84.30%
33	CI	5.50	7.50	132 M	86.00%
34	CI	7.50	10.00	160 M	87.20%
35	CI	11.00	15.00	160 L	88.70%
36	CI	15.00	20.00	180 L	89.70%

* Available in Frame size up to 90 S Aluminum body & Casting Body

Induction Motor

Fast Delivery, Service At Your Door Step



IE-2 High Efficiency

Aluminum Body Bare Motor (upto 90 S Frame)

APPLICATIONS

- Light Duty Machines as lathe, Pillar type Drilling Machine Pumps
- Domestic Floor mills, Rolling Mills, Cooling Towers.
- Compressors, Wood Working Machinery & Varied Machine Tools.
- Plastic Machinery, Textile Machinery, Food Processing Machinery.
- Materials Handling Equipment, Printing Machinery

IE-2 High Efficiency

Cast Iron Body Bare Motor

FEATURES

- High Efficiency & Long Life Product
- Minimum Friction Losses With SKF IE-2 Series
- High Torque Level, High Power Factor & Low Temperature Rise.
- Minimum Copper Losses Due To Use Of Electrolytic Grade Of Copper
- Motors Are Fitted With Dynamically Balanced Aluminum Die Cast Squirrel Cage Rotors



High Efficiency Single Phase

Sheet Metal / Cast Iron Body Bare Motor

FEATURES

- Light Weight & Highly Efficient
- Longer Life Span Product
- Dynamically Balanced Winding Design For Wider Voltage Range
- Dynamically Balanced Aluminum Die Cast Squirrel Cage Rotors

* For higher HP/kW, Pricing are available on request

Mkt. by :

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