YE3 series(IE3) Preminm energy saving IE3 motor

Quick Details

Brand Name: pinnxun
Model Number: YE3-250M-4
Type: Asynchronous Motor
Frequency: 50HZ
Output Power: 30KW
Protect Feature: Totally Enclosed
Phase: Three-phase
Certification: CCC, CE, ROHS, UL, VDE
AC Voltage: 380V 415V 480V
Place of Origin: Shanghai, China (Mainland)
Efficiency: IE 3
EFF: IE3 Motor
usage: pump, blower
wire: 100% cooper
color: blue
standard: IEC
insulation class: F
temperature rise: B
protection degree: IP55
altitute: not exceed 1000m
warranty: in 12 months

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Packaging & Delivery

Packaging Details:
stabdard export wooden package

Delivery Detail:in 20 days

Specifications

AC induction IE3 motors
high efficiency,low noise
energy saving
low noise
0.12kw-315kw

YE3 series(IE3) Preminm energy saving IE3 motor

Feature and usage
YE3 YX3 series high efficiency motor(IE3 IE2) are the energy-saving motors developed by ourselves independently according to the efficiency classification of IEC60034-30 .IE2 and IE3 are the worldwide unified efficiency classification of electric motor. It is expected to potentially save energy by 30%-60% for an optimized system.

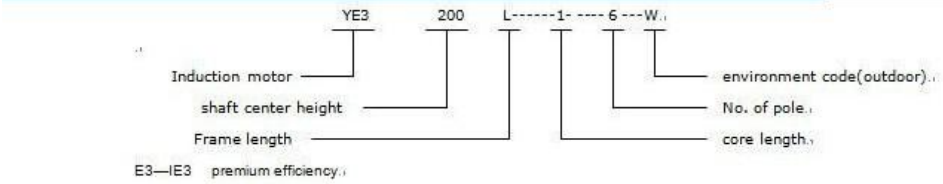
IE2 & IE3 energy efficiency motor are according to IEC 60034-1 part 1: energy efficiency classification and performance of rotating motor and IEC 60034-2-1 part 2-1:losses and testing method of rotating motor, which is the most authoritative efficiency classification standard in the world. These motors are also in compliance with the efficiency standards covered by NEMA,CSA,CEMEP,COPANT,AS,NZS,JIS,GB.

IE2 & IE1 50 HZ is respectively based on EFF1 and EFF2 of GEMEP in EU.

IE2 & IE3 60 HZ is respectively based on EPACT and premium efficiency of NEMA.

YE3 YX3 energy-efficiency motors are under 50 HZ and 60 HZ ,1000v below,S1 duty , on 2P,4P and 6P of frame size H80 to H355 ,covering a wide power range from 0.75kw to 375kw .they are the ideal hi-efficiency energy-saving products. These motors can be widely used in power transmission industry such as pumps, ventilators , machine tools, reducers, packing machine , mining equipments and construction equipment.

Model Explanation



Motor Performance

Power range:0.12-315KW

Rated Voltage: 380V 400V 440V 690V

Speed;3000rpm 1500rpm 1000rpm 750rpm 600rpm

Protection Class: IP55

Ambient Temperature: -15° C~40° C

Altitude: not exceed 1000 Meter

Rated Frequency: 50Hz/60Hz

Insulation Class: F

Temprature rise: B

Working Duty: S1(Continuous)

Connection: Star-connection for up to 3kW; Delta-connection for 4kW and above

Tech data

YE3 系列超高效三相异步电动机

SERIES PREMIUM EFFICIENCY THREE-PHASE INDUCTION MOTOR

技术数据 Technical data

4极-同步转速1500r/min 50Hz
4 pole-1500 rpm synchronous speed 50Hz

型号 motor type	额定功率 rated output KW	额定转速 rated speed rpm	额定电流 1FL 380V A	额定电流 1FL 400V A	额定电流 1FL 415V A	额定电流 1FL 525V A	效率 EFF %	功率因数 power factor cos φ	额定转矩 rated torque N.m	起动转矩 额定转矩 TST/TFL	最大转矩 额定转矩 TM/TFL	起动电流 额定电流 IST/IFL	转动惯量 M of I kgm^2	噪音 noise level LW dB(A)	重量 net weight kg
YE3-802-4	0.75	1400	1.8	1.7	1.7	1.3	82.5	0.75	5.1	2.3	2.3	6.6	0.003	56	24
YE3-90S-4	1.1	1425	2.6	2.5	2.4	1.9	84.1	0.76	7.4	2.3	2.3	6.8	0.004	59	32
YE3-90L-4	1.5	1425	3.5	3.3	3.2	2.5	85.3	0.77	10.1	2.3	2.3	7.0	0.005	59	39
YE3-100L1-4	2.2	1440	4.8	4.5	4.4	3.4	86.7	0.81	14.6	2.3	2.3	7.6	0.012	64	49
YE3-100L2-4	3	1440	6.3	6.0	5.8	4.6	87.7	0.82	19.9	2.3	2.3	7.6	0.016	64	56
YE3-112M-4	4	1450	8.4	7.9	7.7	6.1	88.6	0.82	26.3	2.2	2.3	7.8	0.022	65	73
YE3-132S-4	5.5	1455	11.2	10.7	10.3	8.1	89.6	0.83	36.1	2.0	2.3	7.9	0.060	71	88
YE3-132M-4	7.5	1455	15.0	14.3	13.7	10.9	90.4	0.84	49.2	2.0	2.3	7.5	0.071	71	108
YE3-160M-4	11	1465	21.5	20.4	19.7	15.6	91.4	0.85	71.7	2.2	2.3	7.7	0.137	73	150
YE3-160L-4	15	1465	28.8	27.3	26.3	20.8	92.1	0.86	97.8	2.2	2.3	7.8	0.171	73	180
YE3-180M-4	18.5	1470	35.3	33.5	32.3	25.5	92.6	0.86	120.2	2.0	2.3	7.8	0.238	76	221
YE3-180L-4	22	1475	41.8	39.7	38.3	30.3	93.0	0.86	142.4	2.0	2.3	7.8	0.259	76	255
YE3-200L-4	30	1475	56.6	53.8	51.9	41.0	93.6	0.86	194.2	2.0	2.3	7.3	0.459	76	325
YE3-225S-4	37	1480	69.6	66.1	63.7	50.4	93.9	0.86	238.8	2.0	2.3	7.4	0.656	78	380
YE3-225M-4	45	1480	84.4	80.2	77.3	61.1	94.2	0.86	290.4	2.0	2.3	7.4	0.758	78	419
YE3-250M-4	55	1480	102.7	97.6	94.1	74.3	94.6	0.86	354.9	2.2	2.3	7.4	1.078	79	517
YE3-280S-4	75	1485	136.3	129.5	124.8	98.7	95.0	0.88	482.3	2.0	2.3	6.9	1.800	80	688
YE3-280M-4	90	1485	163.2	155.1	149.5	118.1	95.2	0.88	578.8	2.0	2.3	6.9	2.130	80	801
YE3-315S-4	110	1485	196.8	187.0	180.2	142.5	95.4	0.89	707.4	2.0	2.2	7.0	3.415	88	1049
YE3-315M-4	132	1485	235.7	223.9	215.8	170.6	95.6	0.89	848.9	2.0	2.2	7.0	3.807	88	1160
YE3-315L1-4	160	1485	285.1	270.9	261.1	206.4	95.8	0.89	1029.0	2.0	2.2	7.1	3.423	88	1269
YE3-315L-4	185	1485	329.3	312.9	301.6	238.4	95.9	0.89	1189.7	2.0	2.2	7.1	3.958	88	1483
YE3-315L2-4	200	1485	351.7	334.1	322.0	254.6	96.0	0.90	1286.2	2.0	2.2	7.1	5.262	88	1521
YE3-355M1-4	220	1490	386.9	367.5	354.3	280.0	96.0	0.90	1410.1	2.0	2.2	7.1	5.449	88	1650
YE3-355M2-4	250	1490	444.5	422.3	407.0	321.7	96.0	0.89	1602.3	2.0	2.2	7.1	6.192	95	1815
YE3-355L1-4	280	1490	498.0	473.0	456.0	360.4	96.0	0.89	1794.6	2.0	2.2	7.1	6.935	95	1870
YE3-355L2-4	315	1490	560.0	532.0	513.0	405.4	96.0	0.89	2018.9	2.0	2.2	7.1	7.273	95	1984
YE3-3551-4	355	1490	638.5	606.5	584.6	462.1	96.0	0.88	2275.3	1.7	2.2	7.0	8.196	102	2291
YE3-3552-4	375	1490	674.4	640.7	617.6	488.2	96.0	0.88	2403.5	1.7	2.2	7.0	8.658	102	2376

技术数据 Technical data

6极–同步转速1000r/min 50Hz
6 pole–1000 rpm synchronous speed 50Hz

型号 motor type	额定功率 rated output KW	额定转速 rated speed rpm	额定电流 1FL 380V A	额定电流 1FL 400V A	额定电流 1FL 415V A	额定电流 1FL 525V A	效率 EFF %	功率因数 power factor cos φ	额定转矩 rated torque N.m	起动转矩 额定转矩 TST/TFL	最大转矩 额定转矩 TM/TFL	起动电流 额定电流 IST/IFL	转动惯量 M of 1 kgm²	噪音 noise level LW dB(A)	重量 net weight kg
YE3-90S-6	0.75	935	2.0	1.9	1.9	1.5	78.9	0.71	7.7	2.0	2.1	6.0	0.004	57	32
YE3-90L-6	1.1	940	2.8	2.7	2.6	2.0	81.0	0.73	11.2	2.0	2.1	6.0	0.006	57	40
YE3-100L-6	1.5	945	3.8	3.6	3.5	2.7	82.5	0.73	15.2	2.0	2.1	6.5	0.016	61	47
YE3-112M-6	2.2	950	5.4	5.1	4.9	3.9	84.3	0.74	22.1	2.0	2.1	6.6	0.039	65	63
YE3-132S-6	3	960	7.2	6.8	6.6	5.2	85.6	0.74	29.8	2.0	2.1	6.8	0.035	69	75
YE3-132M1-6	4	960	9.5	9.0	8.7	6.8	86.8	0.74	39.8	2.0	2.1	6.8	0.043	69	92
YE3-132M2-6	5.5	960	12.7	12.0	11.6	9.2	88.0	0.75	54.7	2.0	2.1	7.0	0.056	69	108
YE3-160M-6	7.5	970	16.2	15.4	14.8	11.7	89.1	0.79	73.8	2.0	2.1	7.0	0.140	73	144
YE3-160L-6	11	970	23.1	22.0	21.2	16.7	90.3	0.80	108.3	2.0	2.1	7.2	0.192	73	178
YE3-180L-6	15	975	30.9	29.3	28.2	22.3	91.2	0.81	146.9	2.0	2.1	7.3	0.319	73	227
YE3-200L1-6	18.5	975	37.8	36.0	34.7	27.4	91.7	0.81	181.2	2.0	2.1	7.3	0.446	73	294
YE3-200L2-6	22	975	44.8	42.5	41.0	32.4	92.2	0.81	215.5	2.0	2.1	7.4	0.557	73	316
YE3-225M-6	30	985	59.1	56.2	54.1	42.8	92.9	0.83	290.9	2.0	2.1	6.9	0.832	74	357
YE3-250M-6	37	985	71.7	68.1	65.7	51.9	93.3	0.84	358.7	2.0	2.1	7.1	1.447	76	496
YE3-280S-6	45	985	85.8	81.6	78.6	62.1	93.7	0.85	436.3	2.0	2.0	7.3	2.252	78	613
YE3-280M-6	55	985	103.3	98.1	94.6	74.7	94.1	0.86	533.2	2.0	2.0	7.3	2.726	78	693
YE3-315S-6	75	990	143.4	136.2	131.3	103.8	94.6	0.84	723.5	2.0	2.0	6.6	3.984	83	1049
YE3-315M-6	90	990	169.5	161.0	155.2	122.7	94.9	0.85	868.2	2.0	2.0	6.7	4.500	83	1215
YE3-315L1-6	110	990	206.8	196.4	189.3	149.7	95.1	0.85	1061.1	2.0	2.0	6.7	5.607	83	1302
YE3-315L2-6	132	990	244.5	232.2	223.8	176.9	95.4	0.86	1273.3	2.0	2.0	6.8	6.935	83	1455
YE3-355M1-6	160	990	295.7	280.9	270.7	214.0	95.6	0.86	1543.4	1.8	2.0	6.8	10.222	85	1709
YE3-355M-6	185	990	341.5	324.5	312.7	247.2	95.7	0.86	1784.6	1.8	2.0	6.8	10.630	85	1830
YE3-355M2-6	200	990	364.6	346.4	333.8	263.9	95.8	0.87	1929.3	1.8	2.0	6.8	11.031	85	1945
YE3-355L1-6	220	990	401.1	381.0	367.2	290.3	95.8	0.87	2122.2	1.8	2.0	6.8	11.072	85	2018
YE3-355L2-6	250	990	455.7	433.0	417.3	329.9	95.8	0.87	2411.6	1.8	2.0	6.8	11.897	85	2092
YE3-3551-6	280	990	510.4	484.9	467.4	369.5	95.8	0.87	2701.0	1.8	2.0	6.8	13.692	91	2100
YE3-3552-6	315	990	580.9	551.9	531.9	420.5	95.8	0.86	3038.6	1.8	2.0	6.8	14.990	91	2299

FOB Price:US $150 - 9000/ Piece
Port:Shanghai
Minimum Order Quantity:1 Piece/Pieces
Supply Ability:3000 Piece/Pieces per Month
Payment Terms:L/C,T/T

Ordering Informations

1.Please indicate the motor type,rated output,rated voltage,rated frequency,synchronous speed,Explosion proof Mark,mounting type,rotation direction(view from the shaft extension side)Use of the environment(indoor or outside)If the user havn't point out the rotation and environment,normailly we think is CW roration and used indoor.

2.when user have special requirments,For example:Dispose the stator,bearing explosion proof and bearing temperature sensors,space heater,Plateau use,specical frequency,mounting size change,special output,the user must ,order can be confirm after signing the technical agreement with engneering department .

3.This range of motor can also be made into Variable-Frequency motors,the range of frequency of which is 0-100HZ,the output and overall dimensions should be confirm separately.