

Specifications

Output Power HP (kW)	125 (90)
Phase	3 Phase
Pole	4 Pole
Frame Number	250M

Degrees of Protection	IP 55
Enclosure Construction	Totally-enclosed Fan-cooled
Thermal Class	Class F (155 °C)

Alignment	Horizontal
Frame Material	Cast Iron

Power Transmission	Direct-couple or Belt Driven
Direction of Rotation	Counterclockwise (CCW) viewed from shaft-end side



Connection Type	Lead Wire (6 Leads)
Coating Colour	Munsell N5.5 (Gray)
Conformed Standard	IEC 60034-1 & JEC-2137-2000



Voltage & Frequency	HT Type
	380~415V 50Hz
	380~440V 60Hz (suitable for Y-Δ starting)



* The perpendicular variation of tolerance for the shaft center is $\begin{matrix} 0 \\ -0.5 \end{matrix}$

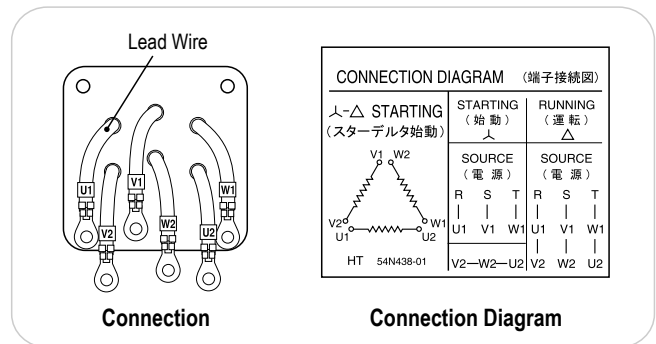
Dimensions (mm)

Motor													
A	B	C*	D	E	F	G	H	J	JK	K	L	M	N
451.5	337.7	250	499	203	174.5	30	498	80	R8	95	934	486	425

Motor		Terminal Box				Shaft End						
XB	Z	KA	KG	KD	KP	Q	QK	R	S	T	U	W
168	24	155.5	560	PF 2 1/2	643	140	110	482.5	75 m6	12	7.5	20

Bearing No.		Approximated Weight (kg)	Approximated Packing Dimensions (LxWxH)	Gross Weight (kg)
Drive End	Opposite			
6318C3	6315ZZ	519	1100 x 630 x 830	557

Connection & Connection Diagram



Circumstance Conditions

Ambient Temperature	-20 ~ +40°C
Ambient Humidity	95% RH or less
Operating Altitude	Less than 1,000m above sea level
Environment	No bursting / erosive gas or vapor

Motor Characteristics

Type	Hz	V	50% Load			75% Load			100% Load				Torque(%)		Is (A)	Inertia GD ² (kg-m ²)		
			(A)	Eff(%)	PF(%)	(A)	Eff(%)	PF(%)	(A)	Eff(%)	PF(%)	Speed (r/min)	Torque (kg-m)	Ts			Tm	
HT	50	380	100	93.4	76.8	134	94.0	84.7	173	93.7	87.8	1470	606	264	234	1190	1.22	
		415	113	91.3	63.8	140	92.8	75.4	172	93.0	81.3	1470	604	308	281			1299
	60	380	90	93.7	85.9	127	94.1	90.2	167	93.6	91.2	1760	507	232	199			1063
		440	87	93.0	76.3	117	94.0	84.7	148	94.1	88.1	1770	503	308	270			1234