

Specifications

Output Power HP (kW)	100 (75)
Phase	3 Phase
Pole	4 Pole
Frame Number	250S

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 Υ - Δ starting)



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

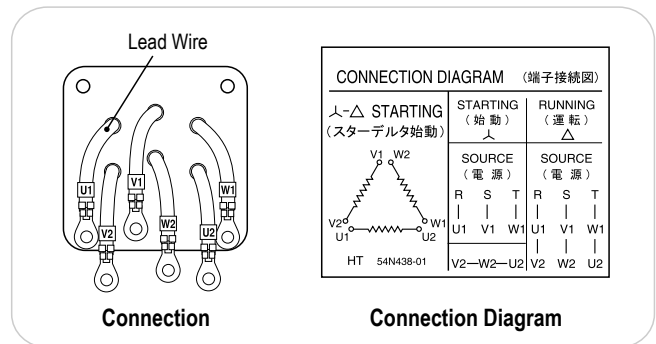
Dimensions (mm)

Motor													
A	B	C*	D	E	F	G	H	J	JK	K	L	M	N
432.5	318.7	250	499	203	155.5	30	498	80	R8	95	896	486	387

Motor		Terminal Box				Shaft End						
XB	Z	KA	KG	KD	KP	Q	QK	R	S	T	U	W
168	24	136.5	560	PF 2 1/2	643	140	110	463.5	75 m6	12	7.5	20

Bearing No.		Approximated Weight (kg)	Approximated Packing Dimensions (LxWxH)	Gross Weight (kg)
Drive End	Opposite			
6318C3	6315ZZ	490	1100 x 630 x 830	528

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	80	92.7	77.9	108	93.4	85.6	139	93.3	88.6	1470	484	276	273	956	1.09
		415	88	90.9	66.1	111	92.4	77.3	137	92.7	82.9	1470	483	324	328	1040	
	60	380	72	92.2	86.1	103	93.0	90.4	135	92.8	91.6	1760	404	244	224	853	
		440	70	91.4	77.1	94	92.8	85.3	120	93.1	88.7	1770	402	324	304	988	