

Specifications

Output Power HP (kW)	50 (37)
Phase	3 Phase
Pole	2 Pole
Frame Number	200L

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
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 $\begin{matrix} 0 \\ -0.5 \end{matrix}$

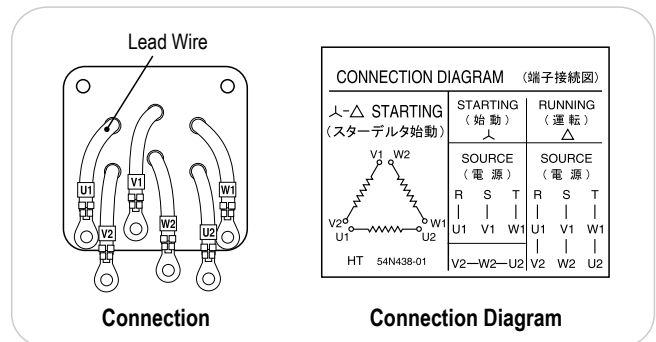
Dimensions (mm)

Motor												
A	B	C*	D	E	F	G	H	J	JK	K	L	M
370.5	281	200	410	159	152.5	25	405	80	R6	78	766	390

Motor			Terminal Box				Shaft End						
N	XB	Z	KA	KG	KD	KP	Q	QK	R	S	T	U	W
369	133	18.5	120	476	PF 2	550	110	90	395.5	55 m6	10	6	16

Bearing No.		Approximated Weight (kg)	Approximated Packing Dimensions (LxWxH)	Gross Weight (kg)
Drive End	Opposite			
6312ZZC3	6311ZZC3	280	964 x 542 x 691	307

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	37.9	0.92	0.81	52.2	0.93	0.87	68.0	0.93	0.89	2920	12.3	155	243	416	0.69
		415	40.3	0.89	0.72	52.2	0.90	0.82	65.7	0.91	0.86	2940	12.3	186	287	454	
	60	380	35.1	0.89	0.90	50.3	0.91	0.92	66.8	0.91	0.92	3510	10.3	139	205	361	
		440	33.5	0.90	0.81	45.6	0.92	0.87	58.8	0.93	0.89	3530	10.2	187	274	418	