

## 66 Frame Low Voltage Motors

**Imperial 66 Frame Low Voltage, Direct-Drive Motors** deliver high rpm, high starting torque power for battery operated equipment. The 66 frame features a low-profile design and is available in 24V and 36V DC versions. Rugged, all ball bearing construction means you can depend on 66 Frame low voltage motors over a long service lifetime.



### Specifications

- 24 or 36 VDC
- 1.4 to 3.0 hp (1.0 to 2.2 kW)
- 4 - 8 ft/lbs (6 - 11 Nm) torque range
- 1800, 1900, 2000, 2100, 2250 rpm shaft output
- Ambient temperature 40° C
- Insulation Class B

### Features

- UL and CSA listed
- Brush wear detector option
- Long operating life
- High starting torque
- Ball bearing construction
- Continuous duty

### Applications

- Commercial floor polishing equipment
- Automatic floor machines
- Electric vehicles
- Pumps
- Hoists
- General purpose, battery operated



**Imperial Electric®**

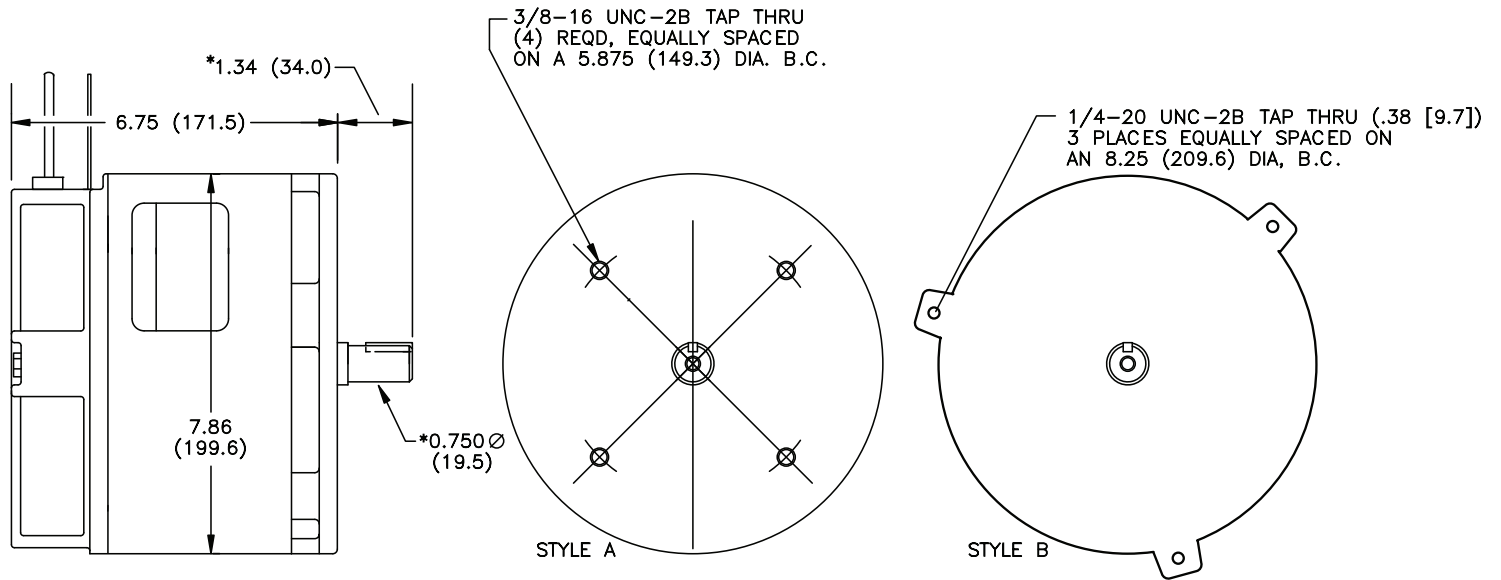
A Kinetek Company®

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**Dimensions**



**Model Specifications**

Model	Volts	HP	kW	RPM	Hz	Amps	Output Shaft		Rotation	Brush Detector	Electrical Connection	Enclosure	Mount	Weight	
							Inches	mm						lbs	kg
P66 SR 300	36	3.00	2.2	2250	DC	80	0.75	19.1	CW-SE*	Br-Det	Leads	Open	Face	28	12.7
P66 SR 261	36	2.50	1.9	2000	DC	65	0.75	19.1	CW-SE	Br-Det	Leads	Open	Face	27	12.3
P66 SR 274	36	2.50	1.9	2000	DC	65	0.75	19.1	CCW-SE	Br-Det	Leads	Open	Face	27	12.3
P66 SR 217	36	3.00	2.2	2500	DC	78	0.75	19.1	CCW-SE	No	Leads	Open	Face	27	12.3
P66 SR 293	36	2.90	2.2	1900	DC	80	0.75	19.1	CCW-SE	No	Leads	Open-GD**	Face	27	12.3
P66 SR 299	36	1.40	1.0	1800	DC	38	0.75	19.1	CCW-SE	Br-Det	Leads	Open	Face	29	13.2
P66 SR 256	24	2.00	1.5	2100	DC	90	0.75	19.1	CCW-SE	No	Leads	Open-GD	Face	28	12.7

\* SE = shaft end

\*\* Open-GD = open/guarded



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