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|------------|--------------------|
| Motor Type | IM160-L120-6P-D31 |
| Spec | 380V-1.7krpm-3.7kW |

Line definition

Dimensions

thermal sensor (option)

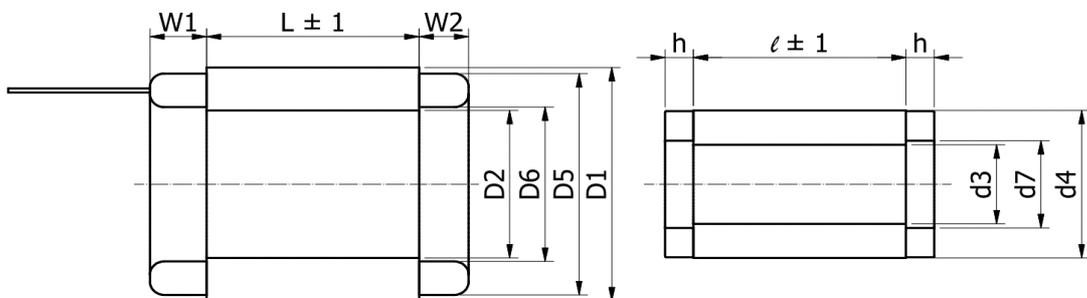
- PTC-130 blue
 - KTY 84-130 yellow +
- Rotor Type: green -

Cu

3 leads length :600 mm

- U1 red
- V1 white
- W1 black

AWG 14 (OD=2.3mm)



unit:mm

| | | | | | | | | | | | |
|--------------------|-------|-----|-----|-------|-------|-------|------|-------|----|-----|-------|
| | D1 | D2 | D5 | D6 | W1 | W2 | d3 | d4 | d7 | h | L(=ℓ) |
| Delivery Dimension | 160.2 | 110 | 156 | 109.8 | ≤ 50 | ≤ 40 | 58 | 110 | 75 | 5.5 | 120 |
| Final Dimension | - | - | - | - | epoxy | epoxy | ≤ 80 | 109.4 | - | - | - |

| D31 + 42 | Speed | Volt | I | Power | Freq | PF | Slip | Lm | T | Loss |
|------------|-------|------|------|-------|------|-----|------|-------|------|------|
| | rpm | Vrms | Arms | kW | Hz | | rpm | mH | Nm | W |
| No Load | 1680 | 342 | 3 | 0.1 | 84 | 13% | 1 | 142.8 | 0.4 | 124 |
| Rated Load | 1000 | 237 | 7 | 2.2 | 53 | 89% | 58 | 142.8 | 21.1 | 494 |
| | 1680 | 376 | 7 | 3.7 | 87 | 88% | 58 | 142.8 | 21.1 | 567 |
| | 2500 | 379 | 7 | 3.7 | 129 | 90% | 88 | 156.7 | 14.2 | 542 |
| | 3870 | 380 | 8 | 3.7 | 201 | 86% | 157 | 156.8 | 9.2 | 576 |
| | 4500 | 380 | 7 | 3.5 | 234 | 84% | 180 | 156.5 | 7.4 | 534 |

Parameters
 0 Hz-- 10 V
 93 Hz -- 380V
 250 Hz -- 380V

