

DC Gear Motor

P37ZFP510-H

DC Gear Motor

General Specifications

Ø37 mm
 24 VDC
 588.4 mNm

Customized solutions on request.



Electrical Specifications

| Model | Voltage | No-load Current | No-load Speed | Rated Current | Rated Speed | Rated Torque | Max. Momentary Tolerance Torque | Gear Ratio | L |
|----------------------|---------|-----------------|---------------|---------------|-------------|--------------|---------------------------------|------------|------|
| | VDC | A | rpm | A | rpm | mNm | | | mm |
| P37ZFP3429-18220-10 | 12 | 0.16 | 600 | 0.45 | 520 | 39.2 | 1.2 | 1/10 | 17 |
| P37ZFP3429-18220-30 | 12 | 0.16 | 200 | 0.45 | 175 | 98.1 | 3.0 | 1/30 | 22.8 |
| P37ZFP3429-18220-90 | 12 | 0.16 | 66 | 0.45 | 57 | 225.6 | 7 | 1/90 | 22.8 |
| P37ZFP3429-18220-150 | 12 | 0.16 | 40 | 0.45 | 34.6 | 343.2 | 11 | 1/150 | 25.3 |
| P37ZFP3429-18220-270 | 12 | 0.16 | 22 | 0.45 | 19 | 588.4 | 18 | 1/270 | 25.3 |
| P37ZFP3429-18220-450 | 12 | 0.16 | 13 | 0.45 | 10 | 588.4 | 25 | 1/450 | 27.8 |
| P37ZFP3429-18220-810 | 12 | 0.16 | 7 | 0.45 | 6 | 588.4 | 25 | 1/810 | 27.8 |
| P37ZFP3429-15441-10 | 24 | 0.11 | 600 | 0.27 | 520 | 39.2 | 1.2 | 1/10 | 17 |
| P37ZFP3429-15441-30 | 24 | 0.11 | 200 | 0.27 | 175 | 98.1 | 3.0 | 1/30 | 22.8 |
| P37ZFP3429-15441-90 | 24 | 0.11 | 66 | 0.27 | 57 | 225.6 | 7 | 1/90 | 22.8 |
| P37ZFP3429-15441-150 | 24 | 0.11 | 40 | 0.27 | 34.6 | 343.2 | 11 | 1/150 | 25.3 |
| P37ZFP3429-15441-270 | 24 | 0.11 | 22 | 0.27 | 19 | 588.4 | 18 | 1/270 | 25.3 |
| P37ZFP3429-15441-450 | 24 | 0.11 | 13 | 0.27 | 10 | 588.4 | 25 | 1/450 | 27.8 |
| P37ZFP3429-15441-810 | 24 | 0.11 | 7 | 0.27 | 6 | 588.4 | 25 | 1/810 | 27.8 |

Typical values at ambient temperature of approx. 20°C. Tolerance ±10%.

Mechanical Dimensions

