

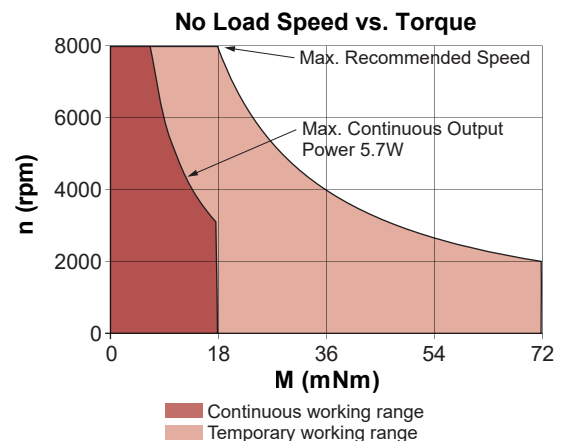
Dimensions in mm.

| Electrical Data | Symbol | 26N58 1 | | | | Unit |
|-----------------------------|------------------|--------------|-------------|-------------|-------------|----------------------|
| | | 216P | 216E | 113 | 110 | |
| 1 Nominal Voltage | V | 6 | 12 | 15 | 24 | Volt |
| 2 No-Load Speed | n_0 | 4,600 | 4,735 | 5,470 | 6,660 | rpm |
| 3 No-Load Current | I_0 | 31.0 | 16.0 | 15.0 | 20.0 | mA |
| 4 Terminal Resistance | R | 2.5 | 10.0 | 15.2 | 32.0 | Ω |
| 5 Output Power | P_{2max} | 6.2 | 6.0 | 5.2 | 4.6 | W |
| 6 Stall Torque | mNm | 29.6 (4.2) | 28.6 (4.06) | 25 (3.55) | 25 (3.55) | mNm (oz-in) |
| 7 Efficiency | η_{max} | 79 | 78 | 77 | 70 | % |
| 8 Max Continuous Speed | $n_{e max}$ | 8,000 | 8,000 | 8,000 | 8,000 | rpm |
| 9 Max Continuous Torque | $M_{e max}$ | 17.9 (2.45) | 17.3 (2.45) | 15.1 (2.14) | 13.3 (1.89) | mNm (oz-in) |
| 10 Max Continuous Current | $I_{e max}$ | 1.47 | 0.74 | 0.60 | 0.41 | A |
| 11 Back-EMF Constant | k_E | 1.29 | 2.50 | 2.70 | 3.51 | mV/rpm |
| 12 Torque Constant | k_M | 12.30 | 23.90 | 25.80 | 33.50 | mNm/A |
| 13 Motor Regulation | R/k ² | 16.5 | 17.5 | 22.8 | 28.51 | 10 ³ /Nms |
| 14 Friction Torque | T_F | 0.38 (0.06) | 0.38 (0.06) | 0.38 (0.06) | 0.38 (0.06) | mNm (oz-in) |
| 15 Rotor Inductance | L | 0.22 | 0.80 | 1.00 | 1.50 | mH |
| 16 Mechanical Time Constant | τ_m | 9.9 | 10.5 | 13.7 | 17.1 | ms |
| 17 Rotor Inertia | J | 6.00 | 6.00 | 6.00 | 6.00 | g-cm ² |

| General Data | | | | |
|---|-------------------|--------------------------------|--|---------------|
| 18 Thermal Resistance (rotor/body) | R_{th1}/R_{th2} | 5/12 | | °C/W |
| 19 Thermal Time Constant (rotor/stator) | t_{W1}/t_{W2} | 10/640 | | S |
| 20 Operating Temperature Range: | motor | -30°C to 85°C (-22°F to 185°F) | | °C (°F) |
| | rotor | | | 100°C (212°F) |
| 21 Shaft Load Max.: (5 mm. from bearing) | -radial -axial | With sleeve bearings | | |
| | | 6.0 (21.6) | | N (oz) |
| | | 250 (899.2) | | N (oz) |
| 22 Shaft Play: | -radial | <0.03 (0.0012) | | mm (inch) |
| | -axial | 0.15 (0.0059) | | mm (inch) |
| 23 Weight | g | 114 (4.03) | | g (oz) |
| 24 Commutation Segment | - | 9 | | segment |

Execution Table

| Gearbox | Single Shaft | Double Shaft for E9 |
|---------|--------------|---------------------|
| R22 | 5 | 9 |
| K24 | 5 | 9 |
| K27 | 5 | 9 |



► Motor shaft rotates CW when seen from motor front face when +ve and -ve supply is given to respective terminals.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [portescap](#) manufacturer:

Other Similar products are found below :

[12G88-213E.1001](#) [22S28-205E.1](#) [16N1R78214E1005](#) [16G88-208E.1](#) [08G61-105.1](#) [22S28-208E.1](#) [16N78-210E.1001](#) [35NT2R32-416SP.1](#)
[17N78213E1](#) [17N78-208E.1](#) [17S78-208P.1](#) [22S28-210P.1](#) [17N1R78213E1](#) [17S78-209E.1](#) [22N78313P1001](#) [13N88-110.1](#) [12G88-215E.1001](#)
[16N78-212E.1001](#) [35GLT2R82-326P.1](#) [16G88-211E.1](#) [22N78-311P.1001](#) [22N78-319P.1001](#) [16N78-212P.1001](#) [16N28-207E.201](#) [16G88-](#)
[220P.1](#) [16N78214E1001](#) [22V28-213E.201](#) [30GT2R82-234E.4](#) [16N28-210E.1](#) [13N88-213E.1](#) [16N78-208E.1001](#) [16N78-135.1001](#) [22N28-](#)
[213E.286](#) [16N28-208E.202](#) [22N28-210E.286](#) [16G88-213E.1](#) [08GS61-105C.1](#) [13N88-216E.1](#)