

4 Poles

Technical data

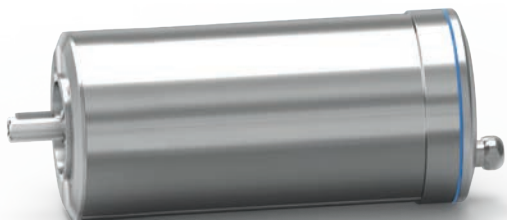
TENV Totally Enclosed non ventilated SPM series - Stainless steel premium motors

Motori elettrici in acciaio inox

| S1 service, F insulation class | | | Operating characteristics at rated power | | | | | | | Direct starting | | | Enclosure | | | |
|--------------------------------|-----------------------|---------------|--|-------------|-------|----------------|------------------|----------------|-------|-----------------|---------|----------------|-----------|--------|------------|------|
| Power | Motor code | Frame | Rated current | S.F Current | Speed | Nominal torque | Efficien. % load | Service Factor | PF | Torque | Current | Inertia moment | | Weight | R [Ω] 68°F | |
| HP | | | A 460/575V | A | rpm | lb ft | 100% | SF | cos φ | Ms/Mn | Is/In | lb ft^2 | | lb | | |
| 230/460V 60Hz rpm 1800 | 1/3 | SPM WHA4W TUN | 56C | 0.68 | 0.85 | 1748 | 1.02 | 75.2 | 1.15 | 0.59 | 3.9 | 7.4 | 0.0010 | 44.8 | 7.5 | TENV |
| | 1/2 | SPM WHB4W TUN | 56C | 0.92 | 1.05 | 1742 | 1.51 | 81.3 | 1.15 | 0.65 | 4.3 | 7.6 | 0.0012 | 49.9 | 6.2 | |
| | 3/4 | SPM WHC4W TUN | 56C | 1.25 | 1.35 | 1750 | 2.26 | 83.6 | 1.15 | 0.73 | 5.0 | 8.4 | 0.0015 | 57.8 | 3.8 | |
| | 1 | SPM WHD4W TUN | 56C | 1.65 | 1.90 | 1765 | 3.05 | 85.1 | 1.15 | 0.70 | 5.8 | 8.7 | 0.0017 | 65.4 | 2.7 | |
| | | SPM XHD4W TUN | 143TC | | | | | | | | | | | | | |
| | 1 1/2 | SPM WHE4W TUN | 56C | 2.30 | 2.50 | 1780 | 4.42 | 87.2 | 1.15 | 0.76 | 5.0 | 8.8 | 0.0020 | 70.9 | 2.0 | |
| | | SPM XHE4W TUN | 145TC | | | | | | | | | | | | | |
| | 2 | SPM WHF4W TUN | 56C | 2.96 | 3.20 | 1785 | 6.02 | 87.6 | 1.15 | 0.81 | 5.1 | 10.0 | 0.0022 | 77.8 | 1.6 | |
| | | SPM XHF4W TUN | 145TC | | | | | | | | | | | | | |
| | 575V 60Hz rpm 1800 | 1/3 | SPM WHA4W TCN | 56C | 0.46 | 0.56 | 1748 | 1.02 | 75.3 | 1.15 | 0.70 | 3.9 | 7.4 | 0.0010 | 44.3 | |
| 1/2 | | SPM WHB4W TCN | 56C | 0.70 | 0.85 | 1742 | 1.51 | 82.0 | 1.15 | 0.65 | 4.3 | 7.6 | 0.0012 | 49.6 | 18.6 | |
| 3/4 | | SPM WHC4W TCN | 56C | 1.00 | 1.15 | 1752 | 2.26 | 83.4 | 1.15 | 0.66 | 5.0 | 8.4 | 0.0015 | 59.6 | 12.4 | |
| 1 | | SPM WHD4W TCN | 56C | 1.30 | 1.50 | 1762 | 3.05 | 85.1 | 1.15 | 0.68 | 5.8 | 8.7 | 0.0017 | 65.2 | 10.3 | |
| | | SPM XHD4W TCN | 143TC | | | | | | | | | | | | | |
| 1 1/2 | | SPM WHE4W TCN | 56C | 1.85 | 2.10 | 1785 | 4.42 | 87.2 | 1.15 | 0.68 | 5.0 | 8.8 | 0.0019 | 70.0 | 3.1 | |
| | | SPM XHE4W TCN | 145TC | | | | | | | | | | | | | |
| 2 | | SPM WHF4W TCN | 56C | 2.50 | 2.75 | 1785 | 6.02 | 87.4 | 1.15 | 0.69 | 5.1 | 10.0 | 0.0022 | 78.0 | 2.4 | |
| | SPM XHF4W TCN | 145TC | | | | | | | | | | | | | | |

Nominal values with ±10% tolerance on Voltage Valori nominali con ±10% di tolleranza nel voltaggio

Technical data and performances may change Dati tecnici e prestazioni possono subire variazioni



TENV Totally Enclosed non ventilated
Totalmente chiuso, non ventilato

Totally Enclosed Fan Cooled TEFC

Stainless steel premium motors - SPM series

Motori elettrici in acciaio inox

4 Poles

Technical data

| S1 service, F insulation class | | | Operating characteristics at rated power | | | | | | | Direct starting | | | Enclosure | | | |
|--------------------------------|---------------|---------------|--|-------------|-------|----------------|------------------|----------------|-------|-----------------|---------|----------------|-----------|--------|------------|------|
| Power | Motor code | Frame | Rated current | S.F Current | Speed | Nominal torque | Efficien. % load | Service Factor | PF | Torque | Current | Inertia moment | | Weight | R [Ω] 68°F | |
| HP | | | A 460/575V | A | rpm | lb ft | 100% | SF | cos φ | Ms/Mn | Is/In | lb ft^2 | | lb | | |
| 230/460V 60Hz rpm 1800 | 1/3 | SPM WHA4W TUV | 56C | 0.68 | 0.80 | 1748 | 1.02 | 74.3 | 1.15 | 0.62 | 3.9 | 7.4 | 0.0010 | 48.8 | 7.5 | TEFC |
| | 1/2 | SPM WHB4W TUV | 56C | 0.92 | 1.05 | 1742 | 1.51 | 80.5 | 1.15 | 0.65 | 4.3 | 7.6 | 0.0012 | 53.6 | 6.2 | |
| | 3/4 | SPM WHC4W TUV | 56C | 1.25 | 1.35 | 1750 | 2.26 | 83.6 | 1.15 | 0.67 | 5.0 | 8.4 | 0.0015 | 62.1 | 3.8 | |
| | 1 | SPM WHD4W TUV | 56C | 1.65 | 1.90 | 1765 | 3.05 | 84.5 | 1.15 | 0.67 | 5.8 | 8.7 | 0.0017 | 69.1 | 2.7 | |
| | | SPM XHD4W TUV | 143TC | | | | | | | | | | | | | |
| | 1 1/2 | SPM WHE4W TUV | 56C | 2.30 | 2.50 | 1780 | 4.42 | 86.9 | 1.15 | 0.69 | 5.0 | 8.8 | 0.0019 | 75.3 | 2.0 | |
| | | SPM XHE4W TUV | 145TC | | | | | | | | | | | | | |
| 2 | SPM WHF4W TUV | 56C | 2.95 | 3.20 | 1785 | 6.02 | 87.7 | 1.15 | 0.72 | 5.1 | 10.0 | 0.0022 | 81.6 | 1.6 | | |
| | SPM XHF4W TUV | 145TC | | | | | | | | | | | | | | |
| 3 | SPM YHG4W TUN | 182TC | 4.15 | 4.30 | 1750 | 12.00 | 88.6 | 1.15 | 0.85 | 4.8 | 9.2 | 0.0022 | 81.6 | 1.6 | | |
| 575V 60Hz rpm 1800 | 1/3 | SPM WHA4W TCV | 56C | 0.46 | 0.56 | 1748 | 1.02 | 74.3 | 1.15 | 0.74 | 3.9 | 7.4 | 0.0010 | 48.8 | 26.8 | TEFC |
| | 1/2 | SPM WHB4W TCV | 56C | 0.70 | 0.85 | 1742 | 1.51 | 81.5 | 1.15 | 0.65 | 4.3 | 7.6 | 0.0012 | 53.6 | 18.6 | |
| | 3/4 | SPM WHC4W TCV | 56C | 1.00 | 1.15 | 1752 | 2.26 | 83.1 | 1.15 | 0.66 | 5.0 | 8.4 | 0.0015 | 62.1 | 12.4 | |
| | 1 | SPM WHD4W TCV | 56C | 1.30 | 1.50 | 1762 | 3.05 | 85.0 | 1.15 | 0.68 | 5.8 | 8.7 | 0.0017 | 69.1 | 10.3 | |
| | | SPM XHD4W TCV | 143TC | | | | | | | | | | | | | |
| | 1 1/2 | SPM WHE4W TCV | 56C | 1.85 | 2.10 | 1785 | 4.42 | 87.1 | 1.15 | 0.68 | 5.0 | 8.8 | 0.0019 | 75.3 | 3.1 | |
| | | SPM XHE4W TCV | 145TC | | | | | | | | | | | | | |
| 2 | SPM WHF4W TCV | 56C | 2.50 | 2.75 | 1785 | 6.02 | 87.3 | 1.15 | 0.68 | 5.1 | 10.0 | 0.0022 | 81.6 | 2.4 | | |
| | SPM XHF4W TCV | 145TC | | | | | | | | | | | | | | |
| 3 | SPM YHG4W TCV | 182TC | 3.50 | 3.65 | 1750 | 12.0 | 88.1 | 1.15 | 0.73 | 5.0 | 8.8 | 0.0022 | 81.6 | 1.6 | | |

Nominal values with ±10% tolerance on Voltage Valori nominali con ±10% di tolleranza nel voltaggio

Technical data and performances may change Dati tecnici e prestazioni possono subire variazioni



TEFC Totally Enclosed Fan Cooled
Totalmente chiuso, raffreddato a ventola