



2HP

| Motor                                   | SVM-80SS               | SVM-90SS               | SVM-90MS               |
|-----------------------------------------|------------------------|------------------------|------------------------|
| Rated voltage $U_N$                     | 220 / 380              | 220 / 380              | 220 / 380              |
| Rated power output $P_N$                | 0.75kw                 | 1.5kw                  | 2.2kw                  |
| Rated speed $N_N$                       | 1500rpm                |                        |                        |
| Rated torque $M_N$                      | 4.7Nm                  | 9.4Nm                  | 13.8Nm                 |
| Rated current $I_N$                     | 3.3/1.9                | 6.6/3.8                | 9.7/5.6                |
| Efficiency                              | 0.85                   |                        |                        |
| Max speed $N_{max}$<br>Standard bearing | 8000rpm                |                        |                        |
| Max current $I_{max}$                   | 6/3.46A                | 11/6.35A               | 15.33/8.8A             |
| Weight                                  | 13.56kg                | 17.30kg                | 20.50kg                |
| Rated inertia $J$                       | 26.62kgcm <sup>2</sup> | 32.94kgcm <sup>2</sup> | 45.27kgcm <sup>2</sup> |
| Protection                              | IP54                   |                        |                        |
| Fan<br>Rated voltage UL<br>Frequency fL | 1Ø220V<br>50HZ/60HZ    |                        |                        |

| Motor       | Rated speed | Rated power in duty type in accordance |        | Rated torque | Rated current for duty type |             | Rated power for duty type |        | Moment of inertia | Weight |
|-------------|-------------|----------------------------------------|--------|--------------|-----------------------------|-------------|---------------------------|--------|-------------------|--------|
|             | $M_{rated}$ | M2                                     |        |              | $I_{rated}$ (220/380v)      |             |                           |        |                   |        |
|             |             | S1                                     | S6~60% |              | S1                          | S6~60%      | S1                        | S6~60% | J                 | W      |
| TYPE        | rpm         | rpm                                    | rpm    | Nm           | A                           | A           | KW                        | KW     | kgm <sup>2</sup>  | kg     |
| SVM-80SS-10 | 1000        | 4000                                   | 3500   | 3.8          | 1.76/1.02                   | 2.43/1.4    | 0.4                       | 0.55   | 0.0026            | 13.56  |
| SVM-80SS-15 | 1500        | 6000                                   | 5000   | 4.7          | 3.31/1.92                   | 4.28/2.48   | 0.75                      | 0.97   | 0.0026            | 13.56  |
| SVM-80SS-20 | 2000        | 7600                                   | 6600   | 7.1          | 6.62/3.83                   | 8.6/4.98    | 1.5                       | 1.95   | 0.0026            | 13.56  |
| SVM-90SS-10 | 1000        | 4000                                   | 3500   | 7.1          | 3.31/1.92                   | 4.28/2.48   | 0.75                      | 0.97   | 0.0032            | 17.30  |
| SVM-90SS-15 | 1500        | 6000                                   | 5000   | 9.4          | 6.62/3.83                   | 8.6/4.98    | 1.5                       | 1.95   | 0.0032            | 17.30  |
| SVM-90SS-20 | 2000        | 7600                                   | 6600   | 10.4         | 9.7/5.62                    | 12.61/7.3   | 2.2                       | 2.86   | 0.0032            | 17.30  |
| SVM-90MS-10 | 1000        | 4000                                   | 3500   | 14.2         | 6.62/3.83                   | 8.6/4.98    | 1.5                       | 1.95   | 0.0045            | 20.50  |
| SVM-90MS-15 | 1500        | 6000                                   | 5000   | 13.8         | 9.7/5.62                    | 12.61/7.3   | 2.2                       | 2.86   | 0.0045            | 20.50  |
| SVM-90MS-20 | 2000        | 7600                                   | 6600   | 17.5         | 16.32/9.45                  | 21.17/12.26 | 3.7                       | 4.8    | 0.0045            | 20.50  |

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