

Motors

PMa Synchronous Reluctance Motor MSI

High Power Density and High Efficiency

- Built with the latest materials and magnetic reluctance technology
- Ultra-high efficiency: Rated load /partial load
- High efficiency IE4 without rare earth elements (NdFeB)
- Lightweight design, small size, and high power density
- Low noise and vibration
- Easy replacement for a corresponding motor frame size
- IP55 protection
- Flexible installation: Flange mounting /foot mounting



High Efficiency and Energy-Saving Systems:

- **Quick Settings:** Enter MSI motor codes for Delta's motor drive to automatically identify and load the motor parameters
- **Space-saving:** 1~2 frames smaller than induction motors with the same power range

Fan and Pump Applications

Standard
Compact Drive
MS300
* Refer to page 3 for MS300.



PMa Synchronous Reluctance Motor
(Standard)
MSI

- Overload capacity up to 120%/60 secs



Compressor Applications

Fan/Pump Vector
Control Drive
CP2000
* Refer to page 15 for CP2000.



Power Range (kW)	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45	55	75
1,500rpm Standard MSI + MS300 Series	380V/3-phase																
3,000rpm Standard MSI + MS300 Series	380V/3-phase																

* Applicable system voltage is 380 V.

Applications

Fans and pumps, Compressors, Industrial machinery