

Synchron-Standard types 8-pole

10/04/2026

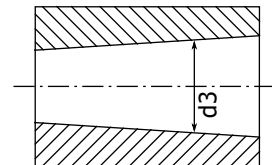
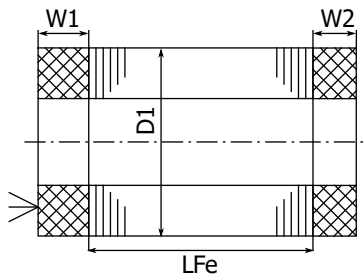
Power

Continuous power for efficient water cooling

| Speed | in krpm | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 6 | 8 | 10 | 12 | 15 |
|----------------------|---------|-------------|------|------|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|------|
| Frequency | in Hz | 34 | 67 | 100 | 134 | 167 | 200 | 234 | 267 | 300 | 334 | 400 | 534 | 667 | 800 | 1000 |
| Types (D1/LFe in cm) | | Power in kW | | | | | | | | | | | | | | |
| mSpW 16/8-8-s2r.. | | 3 | 6 | 9 | 12 | 15 | 18 | 19.2 | 20 | 22 | 23 | 25 | 30 | 35 | 40 | 48 |
| mSpW 16/11-8-s2r.. | | 4.2 | 8.3 | 12.5 | 16.7 | 21 | 25 | 27 | 29 | 31 | 33 | 37 | 44 | 52 | 60 | 72 |
| mSpW 16/15-8-s2r.. | | 5.8 | 11.5 | 17.2 | 23 | 29 | 34 | 37 | 40 | 42 | 45 | 50 | 60 | 70 | 81 | 96 |
| mSpW 16/20-8-s2r.. | | 7.8 | 15.7 | 24 | 31 | 39 | 47 | 50 | 54 | 57 | 60 | 67 | 80 | 94 | 107 | 127 |
| mSpW 16/26-8-s2r.. | | 10.5 | 21 | 31 | 42 | 52 | 63 | 68 | 74 | 80 | 85 | 96 | 119 | | | |
| mSpW 18/11-8-s2r.. | | 5.5 | 11 | 16.5 | 22 | 27 | 33 | 36 | 38 | 41 | 43 | 48 | 58 | 68 | 79 | |
| mSpW 18/15-8-s2r.. | | 7.6 | 15.2 | 23 | 30 | 38 | 46 | 49 | 52 | 55 | 58 | 65 | 78 | 91 | 104 | |
| mSpW 18/20-8-s2r.. | | 10.5 | 21 | 31 | 42 | 52 | 63 | 66 | 70 | 74 | 77 | 85 | 99 | 114 | 129 | |
| mSpW 18/26-8-s2r.. | | 13.6 | 27 | 41 | 54 | 68 | 82 | 86 | 91 | 96 | 101 | 110 | 129 | 148 | 167 | |
| mSpW 18/30-8-s2r.. | | 15.7 | 31 | 47 | 63 | 78 | 94 | 100 | 105 | 111 | 116 | 127 | 149 | 171 | 193 | |
| mSpW 20/11-8-s2r.. | | 6.5 | 13.1 | 19.6 | 26 | 28 | 29 | 30 | 32 | 33 | 34 | 37 | 42 | 48 | 53 | |
| mSpW 20/15-8-s2r.. | | 9.1 | 18.3 | 27 | 37 | 39 | 40 | 42 | 44 | 46 | 48 | 52 | 59 | 67 | 74 | |
| mSpW 20/20-8-s2r.. | | 12.6 | 25 | 38 | 50 | 53 | 55 | 57 | 60 | 62 | 65 | 69 | 79 | 88 | 97 | |
| mSpW 20/26-8-s2r.. | | 16.5 | 33 | 49 | 66 | 69 | 72 | 75 | 78 | 80 | 83 | 89 | 100 | 112 | 123 | |

Dimension sheet

Sketch



| Main dimensions all dimensions in mm | Stator | | | Rotor | |
|---|----------------------|--------------------------------------|----|------------------|-----------------------|
| | Outer diameter D1 | Length of winding head W1 W2 | | Bore d3 | max. speed in krpm |
| Typ D1/LFe in cm | | with PTC | | at nominal point | |
| mSpW 16/ .. -8-s2r.. | 160 | 43 | 30 | 101 | 18 |
| mSpW 18/ .. -8-s2r.. | 180 | 44 | 34 | 114 | 15 |
| mSpW 20/ .. -8-s2r.. | 200 | 46 | 33 | 129 | 13 |