

DAMEL
EMPOWERING
YOUR BUSINESS



CATALOG

CONTENTS

| | page |
|---|------|
| <i>WATER-COOLED LOW-VOLTAGE MOTORS FOR LONGWALL SHEARERS AND CRUSHERS</i> | 4 |
| <i>WATER-COOLED MEDIUM-VOLTAGE MOTORS FOR LONGWALL SHEARERS AND CRUSHERS</i> | 8 |
| <i>ROADHEADER AND CRUSHER MOTORS</i> | 10 |
| <i>LOW VOLTAGE SINGLE SPEED MOTORS FOR CONVEYORS AND HANDLING EQUIPMENT</i> | 12 |
| <i>TWO-SPEED LOW VOLTAGE MOTORS FOR CONVEYORS AND CONVEYING EQUIPMENT</i> | 16 |
| <i>WATER COOLED SINGLE-SPEED MOTORS FOR CONVEYORS AND CONVEYING EQUIPMENT</i> | 18 |
| <i>MEDIUM VOLTAGE AIR-COOLED MOTORS FOR CONVEYORS, PUMPS AND FANS</i> | 20 |
| <i>MEDIUM VOLTAGE TWO-SPEED WATER-COOLED MOTORS FOR CONVEYORS AND CONVEYING EQUIPMENT</i> | 22 |
| <i>WATER-COOLED MOTORS WITH INTEGRATED FREQUENCY CONVERTER</i> | 22 |
| <i>AIR-COOLED MEDIUM VOLTAGE GENERAL PURPOSE MOTORS</i> | 24 |
| <i>PERMANENT MAGNET ROTOR MOTORS</i> | 26 |
| <i>AIR-COOLED MOTORS FOR CHEMICAL INDUSTRY</i> | 28 |

WATER-COOLED LOW-VOLTAGE MOTORS FOR LONGWALL SHEARERS AND CRUSHERS

| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle |
|---------------------------|------------|--|------------------------|----|--------------------|
| SG3 292S-4 | 8 | 400, 440, 500, 660, 1000, 1100, 1140 | 1450 | 55 | S1 |
| SG3 265M-4 | 15 | 370, 480, 500, 660, 1000, 1050, 1100, 1140 | 1460 | 55 | S1; S4-60%, 40 c/h |
| SG3 250M-6Af | 22 | 500, 660, 950, 1000, 1140 | 948 | 55 | S1 |
| SG1(4) 180S-4 | 22 | 500, 1140 | 1464 | 55 | S4-60%, 40 c/h |
| SG1 170S-4A | 30 | 380, 400, 500, 660, 690, 1000, 1100, 1140 | 1452 | 55 | S1 |
| 3SG6 180M-4 | 30 | 440, 500, 660, 1000, 1140 | 1460 | 55 | S1; S4-60%, 40 c/h |
| SG4 260S-4 | 35 | 1000, 1140 | 1452 | 55 | S1; S4-60% |
| 2SG3(B) 440S-4 | 45 | 480, 500, 660, 1000, 1140 | 1463 | 55 | S1; S4-60%, 40 c/h |
| SG6 385M-4 | 45 | 440, 480, 500, 660, 1000, 1140 | 1450 | 55 | S1; S4-60%, 40 c/h |
| SG6 200S-4 | 45 | 500, 660, 1000, 1100, 1140 | 1460 | 55 | S1; S4-60%, 40 c/h |
| 3SG6B 200S-4f | 45 | 440, 500, 550, 660, 1000, 1140 | 1463 | 55 | S1; S4-60%, 40 c/h |
| 3SG6 200S-4f | 45 | 440, 500, 550, 660, 1000, 1140 | 1463 | 55 | S1; S4-60%, 40 c/h |
| SG3 466S-4f | 55 | 460, 660 | 1487 | 55 | S1; S4-60% 40 c/h |
| 3SG6B 200S-4Bf | 55 | 440, 480, 500, 660, 1000, 1140 | 1458 | 55 | S1; S4-60%, 40 c/h |
| SG4B 448M-4f | 60 | 440, 500, 660, 1000, 1140 | 1455 | 55 | S1; S4-60%, 40 c/h |
| SG6 200S-4A | 60 | 500, 660, 1000, 1100, 1140 | 1455 | 55 | S1; S4-60%, 40 c/h |
| 3SG6B 200S-4Af | 60 | 440, 480, 500, 660, 1000, 1140 | 1455 | 55 | S1, S4-60%, 40 c/h |
| 3SG6 200S-4Af | 60 | 440, 480, 500, 660, 1000, 1140 | 1455 | 55 | S1, S4-60%, 40 c/h |
| SG6 200M-4 | 75 | 500, 660, 1000, 1100, 1140 | 1455 | 55 | S1; S4-60%, 40 c/h |
| SG6B 470S-4f | 75 | 480, 1000 | 1481 | 55 | S1; S2-50min |
| SG6B 440M-4f | 75 | 440, 1000 | 1462 | 55 | S1, S4-60%, 40 c/h |
| SG3 446S-4Af | 80 | 460, 660 | 1484 | 55 | S1, S4-60% 40 c/h |
| SG8 440M-4 | 85 | 480, 500, 660, 1000, 1140 | 1476 | 55 | S1; S4-60%, 40 c/h |
| SG6H 430M-4f | 90 | 460 | 1487 | 55 | S1 |
| SG3 535L-4 | 100 | 440, 500, 660, 1000, 1140 | 1481 | 55 | S1; S4-60%, 40 c/h |
| SG6 200L-4 | 100 | 500, 660, 1000, 1100, 1140 | 1456 | 55 | S1; S4-60%, 40 c/h |
| 3SG6 200L-4 | 100 | 500, 660, 1000, 1140 | 1456 | 55 | S1; S4-60%, 40 c/h |
| SG7W 415L-4 | 100 | 500, 660, 1000, 1140 | 1460 | 55 | S1 |
| SG6 200L-4B | 120 | 1000, 1100, 1140 | 1450 | 55 | S1; S4-60%, 40 c/h |
| SG6 484M-4 | 120 | 440, 480, 1000, 1140 | 1460 | 55 | S1; S4-60%, 40 c/h |
| SG6B 484M-4 | 120 | 440, 480, 1000, 1140 | 1460 | 55 | S1; S4-60%, 40 c/h |
| SG7W 650S-4A | 120 | 1000, 1140 | 1484 | 55 | S1; S4-60%, 40 c/h |
| SG4 540L-4 | 150 | 660, 1000, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h |
| SG4B 540L-4 | 150 | 660, 1000, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h |
| SG4B 540L-4 wer. B, C | 150 | 660, 1000, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h |
| SG6 484L-4 | 150 | 1000, 1140 | 1450 | 55 | S1; S4-60%, 40 c/h |
| SG6B 500M-4Af | 150 | 500, 660, 690, 1000, 1100, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h |
| SG4 540L-4A | 170 | 660, 1000, 1140 | 1476 | 55 | S1; S4-60%, 40 c/h |
| SG4B 540L-4A | 170 | 660, 1000, 1140 | 1476 | 55 | S1; S4-60%, 40 c/h |
| SG4B 540L-4A wer. B, C, D | 170 | 660, 1000, 1140 | 1476 | 55 | S1; S4-60%, 40 c/h |
| SG4B 540L-4A wer. B | 170 | 660, 1000, 1140 | 1476 | 55 | S1; S4-60%, 40 c/h |
| SG7W 455L-4 | 180 | 660, 1000, 1140 | 1466 | 55 | S1; S4-60%, 40 c/h |
| SG8 335M-4 | 180 | 660, 1140 | 1469 | 55 | S1; S4-60%, 30 c/h |



At DFME DAMEL S.A., we specialize in designing and manufacturing custom motors tailored to your specifications. Whether it's rated voltage, frequency, duty type, IP rating, or construction type, we collaborate closely with you to meet your unique requirements. Our motors are backed by certifications, including ATEX, WUG, EAC, and IEC, ensuring quality and compliance with international standards.

WATER-COOLED LOW-VOLTAGE MOTORS FOR LONGWALL SHEARERS AND CRUSHERS

| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle |
|----------------------|------------|------------------|------------------------|----|--------------------|
| SG3B 470L-4 | 200 | 1000, 1100, 1140 | 1475 | 55 | S4-60%, 40 c/h |
| SG4(B) 540L-4B | 200 | 1000, 1100, 1140 | 1470 | 55 | S1; S4-60%, 40 c/h |
| SG4B 540L-4B wer. B | 200 | 1000, 1140 | 1468 | 55 | S6-60% |
| SG6W 580M-4A | 200 | 1000, 1100, 1140 | 1482 | 55 | S1; S4-60%, 40 c/h |
| SG6W 580L-4 | 200 | 1000, 1100, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h |
| SG6W 540S-4A | 200 | 1000, 1140 | 1482 | 55 | S1; S4-60%, 40 c/h |
| SG7W 490M-4 wer B, C | 200 | 660, 1000, 1140 | 1472 | 55 | S1; S4-60%, 40 c/h |
| SG7W 495M-4 | 200 | 1000, 1140 | 1468 | 55 | S1; S4-60%, 40 c/h |
| 2SG8 335M-4 | 200 | 660, 1140 | 1470 | 55 | S1; S4-60%, 30 c/h |
| SG8W 562S-4A | 200 | 1000, 1140 | 1481 | 66 | S1; S4-60%, 40 c/h |
| SG8W 562M-4A | 200 | 1000, 1140 | 1481 | 66 | S1; S4-60%, 40 c/h |
| SG7W 490L-4 | 220 | 1000, 1140 | 1472 | 55 | S1 |
| SG8 380M-4 | 220 | 660, 1140 | 1477 | 55 | S1; S4-60%, 40 c/h |
| SG8 380M-4A | 220 | 660, 1140 | 1477 | 55 | S4-60% |
| SG4W 625M-4 | 230 | 1000 | 1481 | 55 | S1; S4-60%, 40 c/h |
| SG4W 625M-4A | 250 | 1000 | 1477 | 55 | S1; S4-60%, 40 c/h |
| SG4B 560L-4C | 250 | 1000, 1140 | 1483 | 55 | S1; S4-60%, 40 c/h |
| SG7W 495L-4 | 250 | 1000, 1140 | 1470 | 55 | S1; S4-60%, 40 c/h |
| SG7B 650M-4 | 250 | 1000, 1100, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h |
| SG7 650M-4 | 250 | 1000, 1100, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h |
| 5SG7W 650S-4 | 250 | 1000, 1140 | 1483 | 55 | S1; S4-60%, 40 c/h |
| SG8W 562S-4B | 250 | 1000, 1140 | 1480 | 66 | S1; S4-60%, 40 c/h |
| SG8W 562M-4B | 250 | 1000, 1140 | 1480 | 66 | S1; S4-60%, 40 c/h |
| SG7W 495L-4B | 280 | 1000, 1140 | 1465 | 55 | S6-60% |
| 2SG4W 562L-4 | 300 | 1000, 1140 | 1478 | 55 | S1; S4-60%, 40 c/h |
| SG4B 560L-4C | 300 | 1000, 1140 | 1478 | 55 | S6-60% |
| SG4B 540L-4GM | 300 | 1000, 1140 | 1482 | 55 | S1, S4-60%, 30 c/h |
| 3SG4W 562L-4 | 300 | 1000, 1140 | 1476 | 55 | S1; S4-60%, 40 c/h |
| SG6W 580L-4A | 300 | 1000, 1100, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h |
| SG6W 540M-4 | 300 | 1000, 1140 | 1470 | 55 | S1; S4-60%, 40 c/h |
| SG6B 598S-4A | 300 | 1000, 1140 | 1485 | 55 | S1; S4-60%, 40 c/h |
| 2SG7(B) 650M-4 | 300 | 1000, 1100, 1140 | 1475 | 55 | S6-60% |
| 5SG7W 650M-4 | 300 | 1000, 1140 | 1479 | 55 | S1; S4-60%, 40 c/h |
| SG8W 562L-4A | 300 | 1000, 1140 | 1481 | 66 | S1; S4-60%, 40 c/h |
| 3SG4W 562L-4A | 350 | 1000, 1140 | 1478 | 55 | S1; S4-60%, 40 c/h |
| SG6B 598S-4B | 350 | 1000, 1140 | 1485 | 55 | S1; S4-60%, 40 c/h |
| 5SG7W 650L-4 | 350 | 1000, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h |
| SG8W 562L-4B | 375 | 1000, 1140 | 1480 | 66 | S1; S4-60%, 40 c/h |



At DFME DAMEL S.A., we specialize in designing and manufacturing custom motors tailored to your specifications. Whether it's rated voltage, frequency, duty type, IP rating, or construction type, we collaborate closely with you to meet your unique requirements. Our motors are backed by certifications, including ATEX, WUG, EAC, and IEC, ensuring quality and compliance with international standards.

WATER-COOLED MEDIUM-VOLTAGE MOTORS FOR LONGWALL SHEARERS AND CRUSHERS

| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle |
|----------------------|------------|-------------|------------------------|----|---------------------------|
| SG3 535X-4A | 100 | 3300 | 1481 | 55 | S1; S4-60%, 40 c/h |
| SG8 555X-4 | 110 | 3300, 4160 | 1475 | 66 | S1; S4-60%, 40 c/h |
| SG1(2,3) 315 X4B | 110 | 3300 | 1475 | 66 | S1; S4-60%, 40 c/h |
| SG8 555X-4 | 132 | 3300, 4160 | 1465 | 66 | S6-60% |
| SG8 555X-4A | 175 | 3300, 4160 | 1478 | 66 | S1; S4-60%, 40 c/h |
| SG8B 555X-4A | 175 | 3300 | 1478 | 66 | S6-60% |
| SG4W 562X-4A | 200 | 3300 | 1472 | 55 | S1; S4-60%, 40 c/h |
| SG4W 562X-4 | 250 | 3300 | 1470 | 55 | S1; S4-60%, 40 c/h |
| SG4W 625X-4 | 270 | 3300 | 1482 | 55 | S1; S4-60%, 40 c/h |
| SG4W 562Y-4 | 300 | 3300 | 1475 | 55 | S1; S4-60%, 40 c/h |
| SG4W 562Y-4 wer. B | 300 | 3300 | 1475 | 55 | S1; S4-60%, 40 c/h |
| 3SG4W 562Y-4 | 300 | 3300, 6000 | 1475 | 66 | S1; S4-60%, 40 c/h |
| 4SG4W 562Y-4 | 300 | 3300 | 1485 | 66 | S1; S4-60%, 40 c/h |
| SG8W 562X-4A | 300 | 3300 | 1483 | 66 | S1; S4-60%, 40c/h, S6-60% |
| SG4W 625X-4A | 300 | 3300 | 1482 | 55 | S1; S4-60%, 40 c/h |
| SG6B 485X-4 | 300 | 3300 | 1481 | 55 | S1; S4-60%, 40 c/h |
| 4SG4W 562Y-4A | 350 | 3300 | 1485 | 66 | S1; S4-60%, 40 c/h |
| SG8W 562X-4A | 350 | 3300 | 1480 | 66 | S1; S4-60%, 40c/h, S6-60% |
| SG8W 562Y-4A | 350 | 3300 | 1483 | 66 | S1; S4-60%, 40c/h, S6-60% |
| SG6B 485X-4 | 350 | 3300 | 1476 | 55 | S6-60% |
| 3SG4W 562Y-4A wer. A | 360 | 3300, 6000 | 1472 | 66 | S1; S4-60%, 40 c/h |
| 3SG4W 562Y-4A wer. B | 360 | 3300 | 1472 | 66 | S1; S4-60%, 40 c/h |
| 4SG4W 562Y-4B | 360 | 3300 | 1484 | 66 | S1; S4-60%, 40 c/h |
| SG4W 625X-4 | 375 | 3300 | 1482 | 55 | S1; S4-60%, 40 c/h |
| 3SG4W 562Y-4A wer. C | 400 | 3300 | 1467 | 66 | S6-60% |
| SG8W 562Y-4A | 400 | 3300 | 1480 | 66 | S1; S4-60%, 40c/h, S6-60% |
| SG8W 562Y-4B | 400 | 3300 | 1482 | 66 | S1; S4-60%, 40c/h, S6-60% |
| SG6B 485X-4 | 400 | 3300 | 1474 | 55 | S2-60min |
| SG8W 562Y-4B | 450 | 3300 | 1479 | 66 | S1; S4-60%, 40c/h, S6-60% |
| SG3W 760Y-4 | 500 | 3300 | 1482 | 55 | S1; S4-60%, 40 c/h |
| 2SG3W 760Y-4 | 500 | 3300, 4160 | 1482/1782 | 55 | S1; S4-60%, 40 c/h |
| 2SG3W 760Y-4A | 580 | 3300, 4160 | 1482/1782 | 55 | S6-60% |
| SG6 598X-4 | 500 | 3300 | 1481 | 55 | S1; S4-60%, 40 c/h |
| SG6B 598X-4 | 500 | 3300 | 1481 | 55 | S1; S4-60%, 40 c/h |
| SG6W 598X-4 | 500 | 3300 | 1481 | 55 | S1; S4-60%, 40 c/h |
| 2SG3W 760Y-4A | 580 | 3300, 4160 | 1480/1780 | 55 | S1; S4-60%, 40 c/h |
| 2SG3W 760Y-4A | 630 | 3300, 4160 | 1480/1780 | 55 | S6-60% |
| SG6B 598X-4 | 630 | 3300 | 1475 | 55 | S6-50% |
| SG6W 598X-4 | 630 | 3300 | 1475 | 55 | S6-50% |
| SG6 598X-4A | 630 | 3300 | 1475 | 55 | S6-50% |
| SG6B 598X-4A | 630 | 3300 | 1475 | 55 | S6-50% |
| SG6W 598X-4A | 630 | 3300 | 1475 | 55 | S6-50% |
| SG6 598X-4 | 650 | 3300 | 1473 | 55 | S2-60min |
| SG6B 598X-4 | 650 | 3300 | 1473 | 55 | S2-60min |
| SG6W 598X-4 | 650 | 3300 | 1473 | 55 | S2-60min |
| SG6 598X-4A | 650 | 3300 | 1473 | 55 | S2-60min |
| SG6B 598X-4A | 650 | 3300 | 1473 | 55 | S2-60min |
| SG6W 598X-4A | 650 | 3300 | 1473 | 55 | S2-60min |
| SG6B 764Y-4 | 750 | 3300 | 1484 | 55 | S1; S4-60%, 40 c/h |
| SG6B 874X-4 | 850 | 3300 | 1486 | 55 | S1; S4-60%, 40 c/h |
| SG6B 874X-4A | 1000 | 3300 | 1484 | 55 | S1; S4-60%, 40 c/h |



At DFME DAMEL S.A., we specialize in designing and manufacturing custom motors tailored to your specifications. Whether it's rated voltage, frequency, duty type, IP rating, or construction type, we collaborate closely with you to meet your unique requirements. Our motors are backed by certifications, including ATEX, WUG, EAC, and IEC, ensuring quality and compliance with international standards.

ROADHEADER AND CRUSHER MOTORS

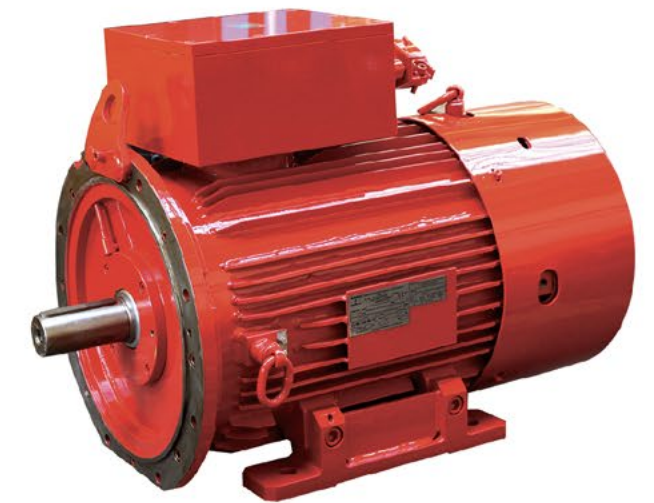
| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle | Method of cooling |
|--------------------|------------|---------------------------------------|------------------------|-------|--------------------|-------------------|
| 3SGK 160M-4 | 12 | 440, 460, 950 | 1750 | 55 | S3-40%, 6 c/h | air |
| 3SGK 160S-4 | 13 | 500, 660, 1000, 1100, 1140 | 1450 | 55 | S3-40%, 6 c/h | air |
| 3SGKH 200S-4 | 15 | 500, 660, 1000, 1100, 1140 | 1466 | 55 | S4-40%, 20 c/h | air |
| 2SG4 225S-4 | 36 | 500, 660, 1000, 1050, 1100, 1140 | 1450 | 55 | S1; S4-60%, 40 c/h | water |
| 2SG4 225M-4 | 45 | 500, 1000, 1100, 1140 | 1452 | 55 | S1; S4-40%, 40 c/h | water |
| SG4 225L-4 | 60 | 500, 1000, 1100, 1140 | 1465 | 55 | S1; S4-60%, 40 c/h | water |
| SP2 225L-4 | 70 | 380, 400, 500, 660, 690, 1000, 1140 | 1473 | 55 | S1; S4-60%, 40 c/h | air |
| SP2C 250L-4A | 75 | 1000, 1140 | 1473 | 55 | S1 | air |
| 4SGKf 225L-4 | 100 | 380, 500, 550, 660, 1000, 1100, 1140 | 1450 | 55 | S6-60% | water |
| SP2C 315M-4A | 110 | 380, 400, 500, 660, 690, 1000, 1140 | 1483 | 55 | S1 | air |
| 4SGKf 225L-4A | 110 | 440, 460, 480, 600, 950, 1000 | 1758 | 55 | S6-60% | water |
| 3SG4 315M-4 | 132 | 500, 660, 1000, 1050, 1140 | 1478 | 55 | S1; S4-60%, 40 c/h | water |
| 2SG8 420M-4 | 132 | 380, 500, 550, 660, 1000, 1100, 1140 | 1478 | 55 | S1; S4-60%, 40 c/h | water |
| SG6 570M-4 | 132 | 500, 660, 1000, 1100, 1140 | 1478 | 55 | S1; S4-60%, 40 c/h | water |
| SG6B 570M-4 | 132 | 500, 660, 1000, 1100, 1140 | 1478 | 55 | S1; S4-60%, 40 c/h | water |
| SG6B 570M-4 wer B | 132 | 500, 660, 1000, 1100, 1140 | 1478 | 55 | S1; S4-60%, 40 c/h | water |
| 3SG4 600M-4 | 132 | 500, 660, 690, 1000, 1050, 1100, 1140 | 1478 | 55/65 | S1; S4-60%, 40 c/h | water |
| SG4B 562S-4A | 135 | 500, 660, 1000, 1140 | 1478 | 55 | S1; S4-60%, 40 c/h | water |
| SG6 570M-4A | 150 | 1000, 1100, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h | water |
| SG6B 570M-4A | 150 | 1000, 1100, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h | water |
| SG6B 570M-4A wer B | 150 | 1000, 1100, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h | water |
| 3SG4 600M-4A | 150 | 660, 690, 1000, 1050, 1100, 1140 | 1478 | 55/65 | S1; S4-60%, 40 c/h | water |
| SG3C 650S-4A | 150 | 500, 660, 1000, 1140 | 1470 | 55 | S1; S4-60%, 40 c/h | water |
| SG4 562S-4 | 200 | 1000, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h | water |
| SG4W 562S-4 | 200 | 1000, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h | water |
| SG4B 562S-4 | 200 | 1000, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h | water |
| SG4V 580L-4A | 200 | 500, 600, 1000, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h | water |
| SG4BV 580L-4 | 200 | 500, 600, 1000, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h | water |
| 2SG8 515M-4 | 200 | 1000, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h | water |
| SG4B 562S-4C | 220 | 1000, 1140 | 1482 | 55 | S1; S4-60%, 40 c/h | water |
| SG4 562S-4C | 220 | 1000, 1140 | 1482 | 55 | S1; S4-60%, 40 c/h | water |
| 2SG8 515M-4A | 230 | 1000, 1140 | 1477 | 55 | S1; S4-60%, 40 c/h | water |
| SG4B 562S-4B | 250 | 1000, 1140 | 1475 | 55 | S6-60% | water |
| SG4 634M-4 | 250 | 1000, 1140 | 1484 | 55 | S1; S4-60%, 40 c/h | water |
| SG4B 634M-4 | 250 | 1000, 1140 | 1484 | 55 | S1; S4-60%, 40 c/h | water |
| SG3V 450L-4 | 270 | 1000, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h | water |
| SG4B 575M-4A | 280 | 1000, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h | water |
| SG3V 600L-4 | 300 | 1000, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h | water |
| SG3V 450L-4A | 315 | 1000, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h | water |
| SG9C 660M-8/4A | 110/200 | 1000, 1140 | 737/1479 | 56 | S1; S4-60%, 60 c/h | water |
| SG4 720M-8/4A | 150/250 | 1000, 1140 | 739/1482 | 55 | S1; S4-60% 40 c/h | water |
| SG4C 740L-8/4B | 200/260 | 1000, 1140 | 740/1488 | 66 | S1; S4-60%, 60 c/h | water |
| SG9C 520M-8/4A | 75/132 | 1000, 1140 | 738/1480 | 55 | S1 | water |



At DFME DAMEL S.A., we specialize in designing and manufacturing custom motors tailored to your specifications. Whether it's rated voltage, frequency, duty type, IP rating, or construction type, we collaborate closely with you to meet your unique requirements. Our motors are backed by certifications, including ATEX, WUG, EAC, and IEC, ensuring quality and compliance with international standards.

LOW VOLTAGE SINGLE SPEED MOTORS FOR CONVEYORS AND HANDLING EQUIPMENT

| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle | Method of cooling |
|-----------------------------|------------|---|------------------------|----------|------------------------------|-------------------|
| SP1(2,3) 100L-4A | 2,2 | 380/660, 400/690, 660/1140 | 1425 | 54 | S1 | air |
| SG4 350S - 8A | 11 | 500, 660, 1000, 1140 | 713 | 55 | S1; S4-60%, 40 c/h | water |
| SG8 250M- 4(f) | 13 | 400, 440, 500, 660, 1000, 1100, 1140 | 1450 | 55 | S1; S4-60%, 40 c/h | water |
| 2SGP(P,L) 160L-4 | 15 | 380, 500, 660, 1000, 1100, 1140 | 1450 | 55 | S1 | air |
| 2SGP(P,L) 160L-4A | 18,5 | 480, 500, 660, 1000, 1055, 1100, 1140 | 1450 | 55 | S1 | air |
| 2SGP 200S-4 | 30 | 380, 500, 660, 1000, 1100, 1140 | 1460 | 55 | S1 | air |
| 2SP3H 200S-4 | 30 | 380, 500, 660, 1000, 1100, 1140 | 1460 | 55 | S1; S4-60% | air |
| 2SP1(2,3) 250M-4 | 55 | 380, 400, 500, 660, 690, 1000, 1140 | 1484 | 55 | S1; S4-60% | air |
| SP3H 315M-4A | 55 | 500, 1000, 1140 | 1486 | 55 | S1; S4-60%, 20 c/h | air |
| SK2 270M-6A | 55 | 500, 1000, 1140 | 984 | 55 | S1 | air |
| 2SP1(2,3) 280M-6A | 75 | 380, 400, 500, 660, 690, 1000, 1140 | 987 | 55 | S1; S4-60%, 40 c/h | air |
| 2SP1(2,3) 280S-4 | 75 | 380, 400, 500, 660, 690, 1000, 1140 | 1485 | 55 | S1; S4-60%, 40 c/h | air |
| SK2 270M-6A | 85 | 500, 1000, 1140 | 975 | 55 | S3-30% | air |
| SK2 270M-4Af | 85 | 500, 1000, 1140 | 1488 | 55 | S3-25% 30c/h | air |
| 2SP1(2,3) 280M-4 | 90 | 380, 400, 500, 660, 690, 1000, 1140 | 1486 | 55 | S1; S4-60%, 40 c/h | air |
| SP3 250M- 4B | 90 | 380, 400, 500, 660, 690, 1000, 1140 | 1485 | 55 | S1; S2 60min; S3-60%; S4-60% | air |
| SP3V 250M- 4B | 90 | 380, 400, 500, 660, 690, 1000, 1140 | 1485 | 55 | S1; S2 60min; S3-60%; S4-60% | air |
| SP1(2,3)A(P,L) 315M-8(fo) | 90 | 380, 400, 415, 440, 500, 1000 | 737 | 66 | S1; S4-60% | air |
| SP1(2,3)A(P,L) 315M-10A(fo) | 90 | 380, 400, 415, 440, 500, 1000 | 590 | 66 | S1; S4-60% | air |
| 2SP1(2,3) 280L-4 | 100 | 380, 400, 500, 660, 690, 1000, 1140 | 1486 | 55 | S1; S4-60%, 30 c/h | air |
| 4SGP(L) 280- 4 | 100 | 500, 660, 1000, 1140 | 1470 | 55 | S1; S4-60%, 40 c/h | water |
| SP3 250L- 4C | 110 | 380, 400, 500, 660, 690, 1000, 1140 | 1485 | 55 | S1; S4-60%, 25 c/h | air |
| SP1(2,3)A(P,L) 315M-8A(fo) | 110 | 380, 400, 415, 440, 500, 1000 | 738 | 66 | S1; S4-60% | air |
| SP1(2,3)A(P,L) 315M-10B(fo) | 110 | 380, 400, 415, 440, 500, 1000 | 590 | 66 | S1; S4-60% | air |
| 2SP1(2,3) 315S-4(f) | 110 | 380, 400, 500, 660, 690, 1000, 1140 | 1481 | 55 | S1; S4-60%, 40 c/h | air |
| SP3 250L- 4D | 132 | 380, 400, 500, 660, 690, 1000, 1140 | 1481 | 55 | S1; S4-60%, 25 c/h | air |
| SP2(3) 315M-4 | 132 | 380, 500, 660, 1000, 1100, 1140 | 1476 | 55 | S4-60% | air |
| SP1(2,3) 315M-6A | 132 | 380, 400, 500, 660, 690, 1000, 1100, 1140 | 988 | 66 | S1; S4-60% | air |
| SP1(2,3)A(P,L) 315M-6A(fo) | 132 | 380, 400, 415, 440, 500, 1000 | 989 | 66 | S1; S4-60% | air |
| SP1(2,3)A(P,L) 315M-8B(fo) | 132 | 380, 400, 415, 440, 500, 1000 | 738 | 66 | S1; S4-60% | air |
| SP1(2,3)A(P,L) 315L-10A(fo) | 132 | 380, 400, 415, 440, 500, 1000 | 590 | 66 | S1; S4-60% | air |
| 2SP1(2,3) 315M-4 (f) | 132 | 380, 400, 500, 660, 690, 1000, 1140 | 1484 | 55 | S1; S4-60%, 40 c/h | air |
| 4SGP 315-4 | 132 | 500, 660, 1000, 1140 | 1465 | 55 | S1; S4-60%, 40 c/h | water |
| 4SGPL 315-4 | 132 | 500, 660, 1000, 1140 | 1465 | 55 | S1; S4-60%, 40 c/h | water |
| SP2(3) 315L-4 | 160 | 380, 500, 660, 1000, 1100, 1140 | 1476 | 55 | S1; S4-40% | air |
| SP1(2,3) 315M-6B | 160 | 380, 400, 500, 660, 690, 1000, 1100, 1140 | 988 | 66 | S1; S4-60% | air |
| SP1(2,3)A(P,L) 315M-6B(fo) | 160 | 380, 400, 415, 440, 500, 1000 | 989 | 66 | S1; S4-60% | air |
| SP1(2,3)A (P,L) 315L-8A(fo) | 160 | 380, 400, 415, 440, 500, 1000 | 739 | 66 | S1; S4-60% | air |
| 2SP1(2,3) 315L-4(f) | 160 | 380, 400, 500, 660, 690, 1000, 1140 | 1484 | 55 | S1; S4-60%, 40 c/h | air |
| 2SGP(L) 315S-4(f) | 160 | 500, 660, 1000, 1140 | 1476 | 55 or 68 | S1; S4-60%, 40 c/h | water |
| 3SGP(L) 315S-4(f) | 160 | 500, 660, 690, 1000, 1050, 1100, 1140, 660/1140 | 1488 | 55 or 68 | S1; S4-60%, 40 c/h | water |
| SG4B 740S-4(f) | 160 | 500, 660, 690, 1000, 1100, 1140 | 1481 | 66 | S1; S4-60%, 40 c/h | water |
| SP1(2,3)A(P,L) 315M-4A(fo) | 200 | 380, 400, 415, 440, 500, 1000 | 1486 | 66 | S1; S4-60% | air |



At DFME DAMEL S.A., we specialize in designing and manufacturing custom motors tailored to your specifications. Whether it's rated voltage, frequency, duty type, IP rating, or construction type, we collaborate closely with you to meet your unique requirements. Our motors are backed by certifications, including ATEX, WUG, EAC, and IEC, ensuring quality and compliance with international standards.

LOW VOLTAGE SINGLE SPEED MOTORS FOR CONVEYORS AND HANDLING EQUIPMENT

| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle | Method of cooling |
|----------------------------|------------|--|------------------------|----------|---------------------|-------------------|
| SP1(2,3)A(P,L) 315L-6A(fo) | 200 | 400, 415, 440, 500, 600, 690, 1000, 1100, 1140 | 989 | 66 | S1; S4-60% | air |
| 2SGP(L) 315M-4(f) | 200 | 660, 1000, 1140 | 1477 | 55 or 68 | S1; S4 -60%, 40 c/h | water |
| 3SGP(L) 315M-4(f) | 200 | 660, 690, 1000, 1050, 1100, 1140, 660/1140 | 1488 | 55 or 68 | S1; S4 -60%, 40 c/h | water |
| SG4B 740S-4A(f) | 200 | 660, 690, 1000, 1100, 1140 | 1481 | 66 | S1; S4-60%, 40 c/h | water |
| SP1(2,3) 315L-4A | 200 | 380, 400, 500, 660, 1000, 1140 | 1480 | 66 | S1; S4-60% | air |
| SP1(2,3)A(P,L) 315M-4B(fo) | 250 | 400, 415, 440, 500, 600, 690, 1000, 1100, 1140 | 1486 | 66 | S1; S4-60% | air |
| 2SGP(L) 355L-4(f) | 250 | 660, 1000, 1140 | 1473 | 55 or 68 | S1; S4 -60%, 40 c/h | water |
| 3SGP(L) 355L-4(f) | 250 | 660, 690, 1000, 1050, 1100, 1140, 660/1140 | 1487 | 55 or 68 | S1; S4 -60%, 40 c/h | water |
| SG4B 740M-4(f) | 250 | 1000, 1100, 1140 | 1480 | 66 | S1; S4-60%, 40 c/h | water |
| SG1(2,3)A 315L-4A(f) | 250 | 500, 660, 690, 1000, 1050, 1140 | 1486 | 55 or 67 | S1; S4-60% | water |
| SP1(2,3) 355M-4 | 250 | 400, 500, 660, 690, 1000, 1140 | 1475 | 66 | S1; S4-60%, 40 c/h | air |
| SP1(2,3) 355M-4fo | 250 | 500, 660, 690, 1000, 1100, 1140 | 1479 | 66 | S1; S4-60%, 40 c/h | air |
| SP1(2,3)A(P,L) 315L-4A(fo) | 315 | 380, 400, 415, 440, 500, 1000 | 1486 | 66 | S1; S4-60% | air |
| 2SGP(L) 355L-4A(f) | 315 | 660, 1000, 1140 | 1484 | 55 or 68 | S1; S4 -60%, 40 c/h | water |
| 3SGP(L) 355L-4A(f) | 315 | 660, 690, 1000, 1050, 1100, 1140, 660/1140 | 1487 | 55 or 68 | S1; S4 -60%, 40 c/h | water |
| SG4B 740L-4(f) | 315 | 1000, 1100, 1140 | 1480 | 66 | S1; S4-60%, 40 c/h | water |
| SG1(2,3)A 315L-4B(f) | 315 | 660, 690, 1000, 1050, 1110, 1140 | 1484 | 55 or 67 | S1; S4-60% | water |
| SP1(2,3) 355M-4A | 315 | 500, 660, 690, 1000, 1100, 1140 | 1481 | 66 | S1; S4-60%, 40 c/h | air |
| 2SG2(3) 400S-4f | 315 | 1000, 1140 | 1478 | 55 | S1; S4-60%, 40 c/h | water |
| SP1(2,3) 355M-4Afo | 315 | 660, 690, 1000, 1100, 1140 | 1481 | 66 | S1; S4-60%, 40 c/h | air |
| SP1(2,3) 355L-4 | 335 | 1000, 1140 | 1479 | 66 | S1; S4-60%, 30 c/h | air |
| SG1(2,3)A 315L-4C(f) | 355 | 660, 690, 1000, 1050, 1110, 1140 | 1485 (1486) | 55 or 67 | S1; S4-60% | water |
| 2SG2(3) 400M-4f | 355 | 1000, 1140 | 1474 | 55 | S1; S4-60%, 40 c/h | water |
| SP1(2,3) 355L-4fo | 355 | 1000, 1140 | 1482 | 66 | S1; S4-60%, 30 c/h | air |
| SG1(2,3)A 315L-4D(f) | 400 | 1050, 1000, 1100, 1140 | 1486 | 55 or 67 | S1; S4-60% | water |
| SP1(2,3) 355L-4A | 400 | 1000, 1140 | 1482 | 66 | S1; S4-60%, 30 c/h | air |
| 2SG2(3) 400M-4Af | 400 | 1000, 1140 | 1470 | 55 | S1; S4-60%, 40 c/h | water |
| 2SG3 450S-4 | 400 | 1000, 1140 | 1484 | 55 | S1; S4-60%, 40 c/h | water |
| SP1(2,3) 355L-4Afo | 400 | 1000, 1140 | 1483 | 66 | S1; S4-60%, 30 c/h | air |
| SP1(2,3) 400M-4A(fo) | 450 | 380, 400, 500, 660, 690, 1000, 1100, 1140 | 1490 | 66 | S1 | air |
| SP1(2,3) 400M-4B(fo) | 500 | 380, 400, 500, 660, 690, 1000, 1100, 1140 | 1490 | 66 | S1 | air |
| SG1(2,3) 450M-4 | 500 | 1000, 1140 | 1483 | 55 | S1; S4-60%, 40 c/h | water |
| SP1(2,3) 400L-4A(fo) | 560 | 380, 400, 500, 660, 690, 1000, 1100, 1140 | 1490 | 66 | S1 | air |
| SP1(2,3) 400L-4B(fo) | 630 | 380, 400, 500, 660, 690, 1000, 1100, 1140 | 1490 | 66 | S1 | air |
| SG1(2,3) 450L-4A(f) | 630 | 1000, 1100, 1140 | 1485 | 66 | S1; S4-60%, 40 c/h | water |
| SG1(2,3) 450L-4B(f) | 710 | 1000, 1100, 1140 | 1487 | 66 | S1; S4-60%, 40 c/h | water |
| SG1(2,3) 450L-4C(f) | 800 | 1000, 1100, 1140 | 1487 | 66 | S1; S4-60%, 40 c/h | water |
| SG3 500M-4Af | 860 | 690, 1000 | 1493 | 55 | S1; S9 | water |



At DFME DAMEL S.A., we specialize in designing and manufacturing custom motors tailored to your specifications. Whether it's rated voltage, frequency, duty type, IP rating, or construction type, we collaborate closely with you to meet your unique requirements. Our motors are backed by certifications, including ATEX, WUG, EAC, and IEC, ensuring quality and compliance with international standards.

TWO-SPEED LOW VOLTAGE MOTORS FOR CONVEYORS AND CONVEYING EQUIPMENT

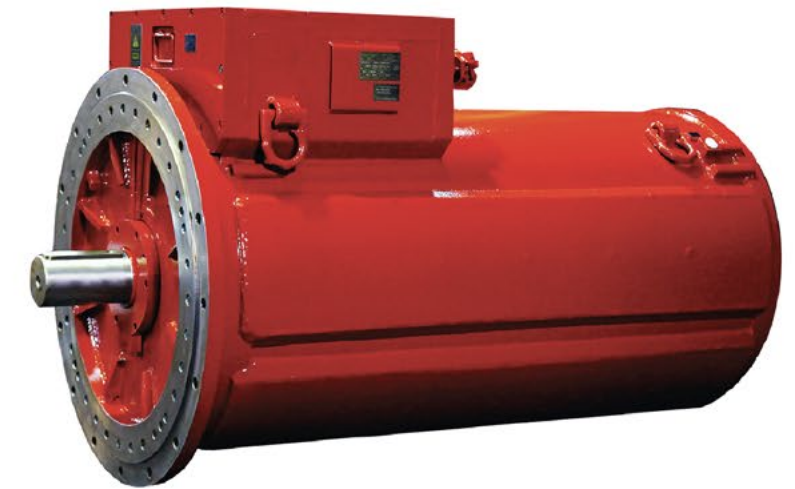
| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle | Method of cooling |
|----------------------|------------|-------------------------------------|------------------------|----|------------------------|-------------------|
| SG4 350S-12/6 | 3,7/7,5 | 500, 660, 1000, 1140 | 465/966 | 55 | S1; S4-60%, 40 c/h | water |
| SP1 225L-4/2A | 8/50 | 380, 400, 500, 660, 690, 1000, 1140 | 1485/2965 | 55 | S1 | air |
| 2SGS 315M-12/4 | 45/132 | 500, 660, 1000, 1140 | 490/1475 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGSL 315M-12/4 | 45/132 | 500, 660, 1000, 1140 | 490/1475 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGS 315L-12/4 | 55/160 | 500, 660, 1000, 1140 | 448/1485 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGSL 315L-12/4 | 55/160 | 500, 660, 1000, 1140 | 448/1485 | 55 | S1; S4-60%, 75 c/h | water |
| SG3 315M-8/4 | 65/132 | 500, 660, 1000, 1140 | 737/1481 | 55 | S; S4-60%, 75 c/h | water |
| 2SGS 315M-8/4 | 65/132 | 500, 660, 1000, 1140 | 737/1481 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGSL 315M-8/4 | 65/132 | 500, 660, 1000, 1140 | 737/1481 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGS 355M-12/4 | 65/200 | 660, 1000, 1100, 1140 | 488/1480 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGSL 355M-12/4 | 65/200 | 660, 1000, 1100, 1140 | 488/1480 | 55 | S1; S4-60%, 75 c/h | water |
| SGS 315L-8/4 | 80/160 | 500, 660, 1000, 1140 | 737/1485 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGSL 315L-8/4 | 80/160 | 500, 660, 1000, 1140 | 737/1485 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGS 355L-12/4 | 85/250 | 660, 1000, 1140 | 492/1482 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGS 355L-12/4 wer D | 85/250 | 660, 1000, 1140 | 492/1482 | 67 | S1; S4-60%, 75 c/h | water |
| 2SGS 355L-8/4 | 85/250 | 660, 1000, 1140 | 739/1485 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGS 315M-6/4 | 90/132 | 500, 660, 1000, 1140 | 997/1475 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGSL 315M-6/4 | 90/132 | 500, 660, 1000, 1140 | 997/1475 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGS 355M-8/4 | 100/200 | 660, 1000, 1140 | 739/1480 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGS 400S-12/4 | 105/315 | 1000, 1140 | 492/1480 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGS 400S-12/4 wer D | 105/315 | 1000, 1140 | 492/1480 | 67 | S1; S4-60%, 75 c/h | water |
| 2SGS 355M-8/4A | 110/220 | 660/660, 1000/1000, 1140/1140 | 738/1480 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGS 355L-8/4 wer D | 125/250 | 1000, 1140 | 739/1485 | 67 | S1; S4-60%, 75 c/h | water |
| SG3 450L-12/4 | 135/400 | 1000, 1140 | 493/1486 | 55 | S1; S4-60% 100, 60 c/h | water |
| 2SGS 400S-8/4 | 160/315 | 1000, 1140 | 739/1480 | 55 | S1; S4-60%, 75 c/h | water |
| 2SGS 400S-8/4 wer D | 160/315 | 1000, 1140 | 739/1480 | 67 | S1; S4-60%, 75 c/h | water |
| SG3 450L-8/4 | 200/400 | 1000, 1140 | 740/1484 | 55 | S1; S4-60% 100, 60 c/h | water |
| SG3 450L-8/4A | 260/520 | 1000, 1140 | 740/1484 | 55 | S1; S4-60%, 60 c/h | water |



At DFME DAMEL S.A., we specialize in designing and manufacturing custom motors tailored to your specifications. Whether it's rated voltage, frequency, duty type, IP rating, or construction type, we collaborate closely with you to meet your unique requirements. Our motors are backed by certifications, including ATEX, WUG, EAC, and IEC, ensuring quality and compliance with international standards.

WATER COOLED SINGLE-SPEED MOTORS FOR CONVEYORS AND CONVEYING EQUIPMENT

| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle |
|--------------------|------------|------------------|------------------------|----------|--------------------|
| SG1(2,3) 355X-4A | 160 | 3300, 6000 | 1472 | 55 | S1; S4-60%, 40 c/h |
| SG3 355X-4 | 200 | 3300, 6000 | 1472 | 55 | S1; S4-60%, 40 c/h |
| SG1(2,3) 355X-4B | 200 | 3300, 6000 | 1472 | 55 | S1; S4-60%, 40 c/h |
| SG1(2,3) 355X-4C | 250 | 3300, 6000 | 1472 | 55 | S1; S4-60%, 40 c/h |
| SG4 562Y-4 | 300 | 3300, 6000 | 1475 | 55 | S1; S4-60% |
| 2SG1(3) 400X-4A | 315 | 3300, 4160, 6000 | 1484 | 66 | S1; S4-60%, 40 c/h |
| 2SG1(3) 400X-4B | 355 | 3300, 4160, 6000 | 1484 | 66 | S1; S4-60%, 40 c/h |
| 2SG1(3) 400X-4C | 400 | 3300, 4160, 6000 | 1484 | 66 | S1; S4-60%, 40 c/h |
| SG3 450X-4A | 400 | 3300, 6000 | 1488 | 55 or 67 | S1; S3-60%, 40 c/h |
| 2SG1(3) 400X-4D | 450 | 3300, 4160, 6000 | 1484 | 66 | S1; S4-60%, 40 c/h |
| 2SG1(3) 400X-4E | 500 | 3300, 4160, 6000 | 1484 | 66 | S1; S4-60%, 40 c/h |
| SG1(2,3) 450X-4(f) | 500 | 3300, 6000 | 1485 | 55 or 67 | S1; S3-60%, 40 c/h |
| 2SG1(3) 400X-4F | 560 | 3300, 4160, 6000 | 1484 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 450X-4B(f) | 630 | 3300, 6000 | 1488 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 450X-4C(f) | 710 | 3300, 6000 | 1488 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 450X-4D(f) | 750 | 3300, 6000 | 1488 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 450X-4E(f) | 800 | 3300, 6000 | 1488 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 500X-4A | 850 | 3300, 6000 | 1492 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 500X-4B | 900 | 3300, 6000 | 1492 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 500X-4C | 1000 | 3300, 6000 | 1492 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 500X-4D | 1120 | 3300, 6000 | 1492 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 500X-4E | 1250 | 3300, 6000 | 1492 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 500X-4F | 1400 | 3300, 6000 | 1492 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 560X-4A | 1600 | 3300, 6000 | 1491 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 560X-4B | 1800 | 3300, 6000 | 1491 | 66 | S1; S4-60%, 40 c/h |
| SG1(3) 560X-4C | 2000 | 3300, 6000 | 1491 | 66 | S1; S4-60%, 40 c/h |



At DFME DAMEL S.A., we specialize in designing and manufacturing custom motors tailored to your specifications. Whether it's rated voltage, frequency, duty type, IP rating, or construction type, we collaborate closely with you to meet your unique requirements. Our motors are backed by certifications, including ATEX, WUG, EAC, and IEC, ensuring quality and compliance with international standards.

MEDIUM VOLTAGE AIR-COOLED MOTORS FOR CONVEYORS, PUMPS AND FANS

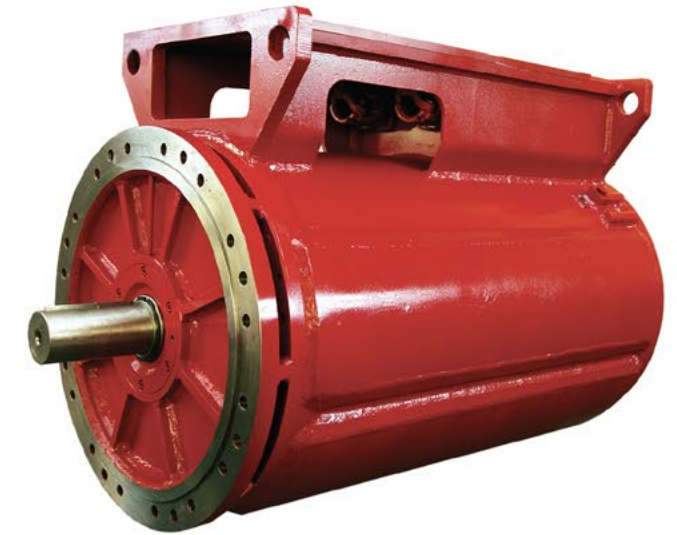
| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle |
|---------------------|------------|-------------|------------------------|----|--------------------|
| SP1(2,3) 315X-4A | 75 | 3300 | 1480 | 66 | S1; S4-60%, 40 c/h |
| SP1(2,3) 315X-4B | 90 | 3300 | 1480 | 66 | S1; S4-60%, 40 c/h |
| SP1(2,3) 315X-4C | 100 | 3300 | 1480 | 66 | S1; S4-60%, 40 c/h |
| SP1(2,3) 315X-4D | 132 | 3300 | 1480 | 66 | S1; S4-60%, 40 c/h |
| SP1(2,3) 355X-4A | 160 | 3300, 6000 | 1485 | 66 | S1; S4-60% |
| 2SP1(2,3) 355X-4A | 160 | 3300, 6000 | 1489 | 66 | S1; S4-60% |
| 2SP1(2,3) 355X-4B | 200 | 3300, 6000 | 1485 | 66 | S1; S4-60% |
| SP1(2,3) 355X-4C | 250 | 3300, 6000 | 1485 | 66 | S1; S4-60% |
| 2SP1(2,3) 355X-4D | 315 | 3300, 6000 | 1487 | 66 | S1; S4-60% |
| SP1(2,3) 400X-4A | 355 | 3300, 6000 | 1490 | 66 | S1; S4-40%, 30 c/h |
| SP1(2,3) 400X-4B | 400 | 3300, 6000 | 1490 | 66 | S1; S4-40%, 30 c/h |
| SP1(2,3) 400X-4C | 450 | 3300, 6000 | 1490 | 66 | S1; S4-40%, 30 c/h |
| SP1(2,3) 400X-4D | 500 | 3300, 6000 | 1490 | 66 | S1; S4-40%, 30 c/h |
| SP1(2,3) 400X-4E | 560 | 3300, 6000 | 1490 | 66 | S1; S4-40%, 30 c/h |
| SP1(3) 450X-4A | 630 | 3300, 6000 | 1493 | 66 | S1; S4-60% |
| SP1(3) 450X-4A(fo) | 630 | 3300, 6000 | 1493 | 66 | S1 |
| SP1(3) 450X-4B | 710 | 3300, 6000 | 1494 | 66 | S1; S4-60% |
| SP1(3) 450X-4B(fo) | 710 | 3300, 6000 | 1494 | 66 | S1 |
| SP1(3) 450X-4C | 800 | 3300, 6000 | 1493 | 66 | S1; S4-60% |
| SP1(3) 450X-4C(fo) | 800 | 3300, 6000 | 1493 | 66 | S1 |
| SP1(2,3) 560X-8B(f) | 1000 | 3300, 6000 | 745 | 66 | S1 |
| SP1(2,3) 560X-6B(f) | 1000 | 3300, 6000 | 995 | 66 | S1 |
| SP1(2,3) 560X-8C(f) | 1100 | 3300, 6000 | 745 | 66 | S1 |
| SP1(2,3) 560X-8D(f) | 1200 | 3300, 6000 | 745 | 66 | S1 |
| SP1(2,3) 560X-8F(f) | 1300 | 3300, 6000 | 745 | 66 | S1 |



At DFME DAMEL S.A., we specialize in designing and manufacturing custom motors tailored to your specifications. Whether it's rated voltage, frequency, duty type, IP rating, or construction type, we collaborate closely with you to meet your unique requirements. Our motors are backed by certifications, including ATEX, WUG, EAC, and IEC, ensuring quality and compliance with international standards.

MEDIUM VOLTAGE TWO-SPEED WATER-COOLED MOTORS FOR CONVEYORS AND CONVEYING EQUIPMENT

| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle |
|---------------------|------------|-------------|------------------------|------------|-------------------------|
| SG3 450X-12/4 | 85/250 | 3300 | 492/1487 | 55 | S1; S4-60%, 75 c/h |
| SG3 400X-8/4 | 100/200 | 3300 | 743/1488 | 55 | S1; S4-60%, 75 c/h |
| SG3 450X-12/4A | 105/315 | 3300 | 492/1487 | 55 | S1; S4-60%, 75 c/h |
| SG3 450X-8/4 | 125/250 | 3300 | 740/1487 | 55, 66, 67 | S1; S4-60%, 110, 50 c/h |
| SG1(2,3) 450Y-12/4 | 135/400 | 3300 | 492/1485 | 55 | S1; S4-60%, 75 c/h |
| SG3 450X-8/4A | 160/315 | 3300 | 740/1487 | 55, 66, 67 | S1; S4-60%, 40 c/h |
| SG1(2,3) 450Y-8/4 | 200/400 | 3300 | 740/1485 | 55 | S1; S4-60%, 150, 50 c/h |
| SG3 500X-12/4A | 210/630 | 3300 | 494/1493 | 55 | S1; S4-60%, 130, 40 c/h |
| SG3 500X-12/4B | 235/700 | 3300 | 494/1493 | 55, 66, 67 | S1; S4-60%, 40 c/h |
| SG1(2,3) 450Y-8/4Ab | 250/500 | 3300 | 736/1485 | 55, 66, 67 | S1; S4-60%, 40 c/h |
| SG1(2,3) 450Y-8/4Ac | 250/500 | 3300 | 742/1488 | 55, 66, 67 | S1; S4-60%, 40 c/h |
| SG1(2,3) 450Y-8/4A | 260/520 | 3300 | 736/1485 | 66 | S1; S4-60%, 150, 40 c/h |
| SG3 560X-12/4A(f) | 265/800 | 3300 | 494/1493 | 55 | S1; S4-60%, 100, 50 c/h |
| SG3 500X-8/4A | 315/630 | 3300 | 742/1493 | 55 | S1; S4-60%, 80, 40 c/h |
| SG3 500X-8/4B | 350/700 | 3300 | 742/1493 | 66 | S1; S4-60%, 120, 40 c/h |
| SG3 560X-8/4A(f) | 400/800 | 3300 | 742/1493 | 55 | S1; S4-60%, 75 c/h |



WATER-COOLED MOTORS WITH INTEGRATED FREQUENCY CONVERTER

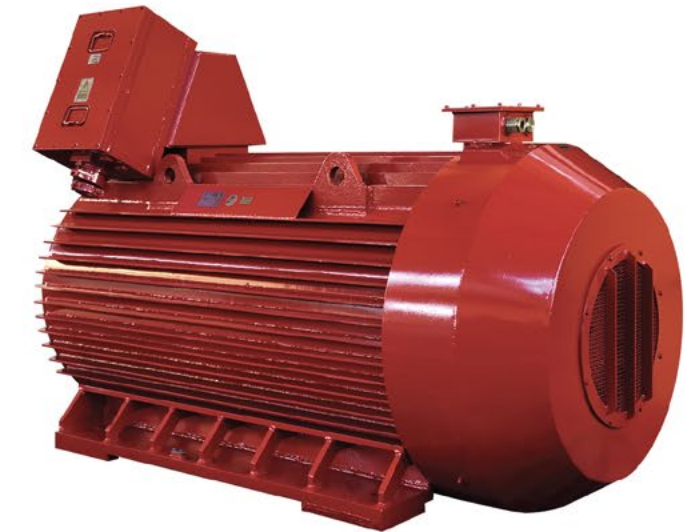
| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle |
|---------------------------|------------|----------------------|------------------------|-------|----------------|
| 2SG1(2,3,8)F(B,H) 200S-6A | 50 | 660, 1000, 1140 | 60÷2400 | 66 | S1; S9; S3 60% |
| 2SG1(2,3,8)F(B,H) 200S-4A | 60 | 660, 1000, 1140 | 90÷3000 | 66 | S1; S9; S3 60% |
| SG3FO 200S-4 | 60 | 500, 660, 1000, 1140 | 90÷3000 | 66 | S1; S9; S3 60% |
| SG3F 280L-4A | 90 | 500, 690, 1000, 1140 | 90÷1800 | 66/67 | S1; S9 |
| SG3F 315S-4A | 110 | 500, 690, 1000, 1140 | 90÷1800 | 66/67 | S1; S9 |
| SG3F 315M-4A | 132 | 500, 690, 1000, 1140 | 90÷1800 | 66/67 | S1; S9 |
| SG3F 315L-4A | 160 | 500, 690, 1000, 1140 | 90÷1800 | 66/67 | S1; S9 |
| 2SG1(2,3)F 355M-4 | 200 | 1000, 1140 | 90÷1800 | 66/67 | S1; S9 |
| 2SG1(2,3)F 355L-4 | 250 | 1000, 1140 | 90÷1800 | 66/67 | S1; S9 |
| 2SG1(2,3)F 355L-4A | 315 | 1000, 1140 | 90÷1800 | 66/67 | S1; S9 |
| 3SG1(2,3)F 450M-4A | 400 | 1000, 1140 | 90÷1800 | 66/67 | S1; S9 |
| 3SG1(2,3)F 450L-6A | 400 | 1000, 1140 | 60÷1200 | 66/67 | S1; S9 |
| SG3Fz 450M-4A | 400 | 1000, 1140 | 90÷1800 | 66/67 | S1; S9 |
| 3SG1(2,3)F 450L-4A | 500 | 1000, 1140 | 90÷1800 | 66/67 | S1; S9 |
| SG3Fz 450L-4A | 500 | 1000, 1140 | 90÷1800 | 66/67 | S1; S9 |



At DFME DAMEL S.A., we specialize in designing and manufacturing custom motors tailored to your specifications. Whether it's rated voltage, frequency, duty type, IP rating, or construction type, we collaborate closely with you to meet your unique requirements. Our motors are backed by certifications, including ATEX, WUG, EAC, and IEC, ensuring quality and compliance with international standards.

AIR-COOLED MEDIUM VOLTAGE GENERAL PURPOSE MOTORS

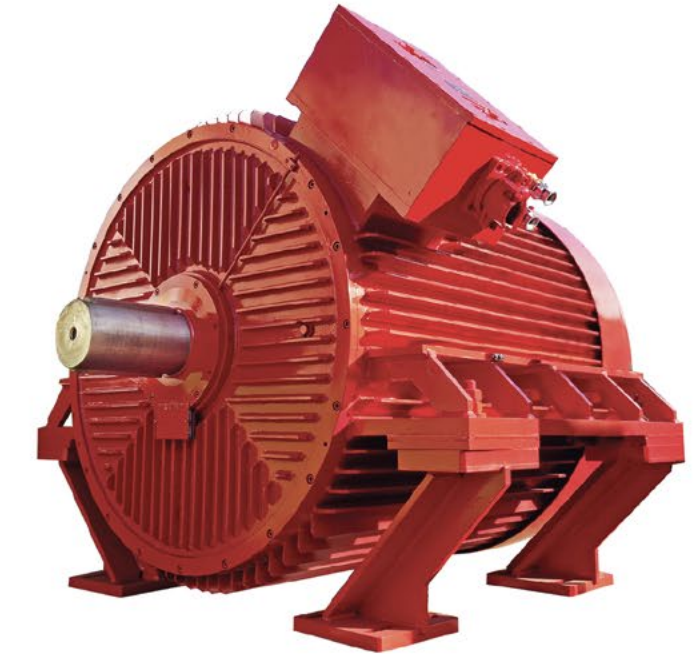
| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle |
|------------------|------------|-------------|------------------------|----|--------------------|
| S1(2,3) 315X-4A | 75 | 3300 | 1480 | 66 | S1; S4-60%, 40 c/h |
| S1(2,3) 315X-4B | 90 | 3300 | 1480 | 66 | S1; S4-60%, 40 c/h |
| S1(2,3) 315X-4C | 100 | 3300 | 1480 | 66 | S1; S4-60%, 40 c/h |
| S1(2,3) 315X-4D | 132 | 3300 | 1480 | 66 | S1; S4-60%, 40 c/h |
| S1(2,3) 355X-4A | 160 | 3300, 6000 | 1485 | 66 | S1; S4-60% |
| 2S1(2,3) 355X-4A | 160 | 3300, 6000 | 1489 | 66 | S1; S4-60% |
| 2S1(2,3) 355X-4B | 200 | 3300, 6000 | 1485 | 66 | S1; S4-60% |
| S1(2,3) 355X-4C | 250 | 3300, 6000 | 1485 | 66 | S1; S4-60% |
| S1(2,3) 355X-4 | 250 | 3300, 6000 | 1485 | 66 | S1; S4-60% |
| S1(3) 355X-4C | 250 | 3300, 6000 | 1485 | 66 | S1; S4-60% |
| 2S1(2,3) 355X-4C | 250 | 3300, 6000 | 1488 | 66 | S1; S4-60% |
| S1(2,3) 355X-4 | 250 | 3300, 6000 | 1485 | 66 | S1; S4-60%, 40 c/h |
| S1(3) 355X-4C | 250 | 3300, 6000 | 1485 | 66 | S1; S4-60%, 40 c/h |
| 2S1(2,3) 355X-4D | 315 | 3300, 6000 | 1487 | 66 | S1; S4-60% |
| S1(2,3) 400X-4A | 355 | 3300, 6000 | 1490 | 66 | S1; S4-40%, 30 c/h |
| S1(2,3) 400X-4B | 400 | 3300, 6000 | 1490 | 66 | S1; S4-40%, 30 c/h |
| S1(2,3) 400X-4C | 450 | 3300, 6000 | 1490 | 66 | S1; S4-40%, 30 c/h |
| S1(2,3) 400X-4D | 500 | 3300, 6000 | 1490 | 66 | S1; S4-40%, 30 c/h |
| S1(2,3) 400X-4E | 560 | 3300, 6000 | 1490 | 66 | S1; S4-40%, 30 c/h |
| S1(3) 450X-4A | 630 | 3300, 6000 | 1493 | 66 | S1 |
| S1(3) 450X-4B | 710 | 3300, 6000 | 1494 | 66 | S1 |
| S1(3) 450X-4C | 800 | 3300, 6000 | 1493 | 66 | S1 |
| S1 500X-4A | 900 | 3300, 6000 | 1494 | 66 | S1 |
| S1 500X-4B | 1000 | 3300, 6000 | 1494 | 66 | S1 |
| S1 500X-4C | 1120 | 3300, 6000 | 1494 | 66 | S1 |
| S1 500X-4D | 1250 | 3300, 6000 | 1494 | 66 | S1 |
| S1 710Y-10f0 | 1250 | 3300, 6000 | 596 | 23 | S1 |
| S1 500X-4E | 1400 | 3300, 6000 | 1494 | 66 | S1 |
| S1 560X-4A | 1600 | 3300, 6000 | 1490 | 66 | S1 |



DFME DAMEL S.A.
motors are the driving force behind mining machinery used by leading manufacturers from all around the world. With decades of experience in the mining sector, we've expanded our product line to include general-purpose motors and specialized units for chemical industry. Leveraging our expertise in welded structures and the durability of our motors, we are proud to extend our offerings to a variety of other industries.

PERMANENT MAGNET ROTOR MOTORS

| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle |
|-------------------|------------|-------------|------------------------|--------|------------|
| SP1 355M-8pm | 160 | 500 | 750 | 66 | S1 |
| S1(2,3) 400X-4Apm | 355 | 3300, 6000 | 1500 | 55, 66 | S1 |
| S1(2,3) 400X-4Bpm | 400 | 3300, 6000 | 1500 | 55, 66 | S1 |
| S1 400M-4Apm | 450 | 1000 | 1500 | 66 | S1 |
| S1(2,3) 400X-4Cpm | 450 | 3300, 6000 | 1500 | 55, 66 | S1 |
| S1(2,3) 400X-4Dpm | 500 | 3300, 6000 | 1500 | 55, 66 | S1 |
| S1(2,3) 400X-4Epm | 560 | 3300, 6000 | 1500 | 55, 66 | S1 |
| S1(2,3) 450X-4Apm | 630 | 3300, 6000 | 1500 | 55, 66 | S1 |
| S1(2,3) 450X-4Bpm | 710 | 3300, 6000 | 1500 | 55, 66 | S1 |
| S1(2,3) 450X-4Cpm | 800 | 3300, 6000 | 1500 | 55, 66 | S1 |
| SP1 500X-4Apm | 900 | 3300, 6000 | 1500 | 66 | S1 |
| SP1 500X-4Bpm | 1000 | 3300, 6000 | 1500 | 66 | S1 |
| S1 710Y-16Apm | 1000 | 3300, 6000 | 375 | 55 | S1 |
| S1 710Y-12Apm | 1100 | 3300, 6000 | 500 | 55 | S1 |
| S1 710X-10Cpmo | 1100 | 3300, 6000 | 600 | 55 | S1 |
| SP1 500X-4Cpm | 1120 | 3300, 6000 | 1500 | 66 | S1 |
| SP1 500X-4Dpm | 1250 | 3300, 6000 | 1500 | 66 | S1 |
| S1 500X-4Dpm | 1250 | 3300, 6000 | 1500 | 66 | S1 |
| SP1 500X-4Epm | 1400 | 3300, 6000 | 1500 | 66 | S1 |
| S1 560X-4Apm | 1600 | 3300, 6000 | 1500 | 66 | S1 |



At DFME DAMEL S.A., we specialize in designing and manufacturing custom motors tailored to your specifications. Whether it's rated voltage, frequency, duty type, IP rating, or construction type, we collaborate closely with you to meet your unique requirements. Our motors are backed by certifications, including ATEX, WUG, EAC, and IEC, ensuring quality and compliance with international standards.

AIR-COOLED MOTORS FOR CHEMICAL INDUSTRY

| Type | Power [kW] | Voltage [V] | Rotation speed [1/min] | IP | Duty cycle |
|------------------------------|------------|---|------------------------|----|--------------------|
| 2cSP2(3) 250M-4 | 55 | 380, 400, 500, 660, 690, 1000, 1140 | 1484 | 55 | S1 |
| 2cSP1(2,3) 280S-4 | 75 | 380, 400, 500, 660, 690, 1000, 1140 | 1485 | 55 | S1; S4-60%, 40 c/h |
| cSP1(2,3) A(P,L)(fo)315M-8 | 90 | 380, 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 737 | 66 | S1; S4-60% |
| cSP1(2,3) A(P,L)(fo)315M-10A | 90 | 380, 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 590 | 66 | S1; S4-60% |
| 2cSP1(2,3) 280L-4 | 100 | 380, 400, 500, 660, 690, 1000, 1140 | 1486 | 55 | S1; S4-60% 30 c/h |
| cSP1(2,3) A(P,L)(fo)315M-8A | 110 | 380, 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 738 | 66 | S1; S4-60% |
| cSP1(2,3) A(P,L)(fo)315M-10B | 110 | 380, 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 590 | 66 | S1; S4-60% |
| cSP2(3) 315M-4 | 132 | 380, 500, 660, 1000, 1140 | 1476 | 55 | S1; S4-60%, 40 c/h |
| cSP1(2,3) A(P,L)(fo)315M-6A | 132 | 380, 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 989 | 66 | S1; S4-60% |
| cSP1(2,3) A(P,L)(fo)315M-8B | 132 | 380, 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 738 | 66 | S1; S4-60% |
| cSP1(2,3) A(P,L)(fo)315L-10A | 132 | 380, 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 590 | 66 | S1; S4-60% |
| cSP2(3) 315L-4 | 160 | 380, 500, 660, 1000, 1140 | 1476 | 55 | S1; S4-60%, 40 c/h |
| cSP1(2,3) A(P,L)(fo)315M-6B | 160 | 380, 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 989 | 66 | S1; S4-60% |
| cSP1(2,3) A(P,L)(fo)315L-8A | 160 | 380, 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 739 | 66 | S1; S4-60% |
| cSP1(2,3) 315L-4A | 200 | 380, 400, 500, 660, 690, 1000, 1140 | 1480 | 55 | S1; S4-60%, 40 c/h |
| cSP1(2,3) A(P,L)(fo)315M-4A | 200 | 380, 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 1486 | 66 | S1; S4-60% |
| cSP1(2,3) A(P,L)(fo)315L-6A | 200 | 380, 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 989 | 66 | S1; S4-60% |
| cSP1(2,3) 355M-4 | 250 | 400, 500, 660, 690, 1000, 1140 | 1475 | 55 | S1; S4-60%, 40 c/h |
| cSP1(2,3) A(P,L)(fo)315M-4B | 250 | 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 1486 | 66 | S1; S4-60% |
| cSP1(3) 355 X4C | 250 | 3300, 6000 | 1485 | 66 | S1; S4-60% |
| cSP1(2,3) 355M-4A | 315 | 500, 660, 690, 1000, 1140 | 1481 | 55 | S1; S4-60%, 40 c/h |
| cSP1(2,3) A(P,L)(fo)315L-4A | 315 | 400, 415, 440, 500, 660, 690, 1000, 1100, 1140 | 1486 | 66 | S1; S4-60% |



DFME DAMEL S.A. motors are the driving force behind mining machinery used by leading manufacturers from all around the world. With decades of experience in the mining sector, we've expanded our product line to include general-purpose motors and specialized units for chemical industry. Leveraging our expertise in welded structures and the durability of our motors, we are proud to extend our offerings to a variety of other industries.



CONTACT

Dąbrowska Fabryka Maszyn Elektrycznych „DAMEL” S.A.

al. Józefa Piłsudskiego 2,
41-300 Dąbrowa Górnicza, Poland



+48 32 262 32 31



office@damel.pl



www.damel.pl