



MarelliMotori
Inspired solutions



MXB GENERATOR SERIES

MXB SERIES A range inspired by our customers' needs

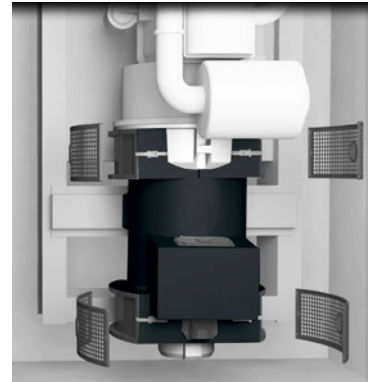
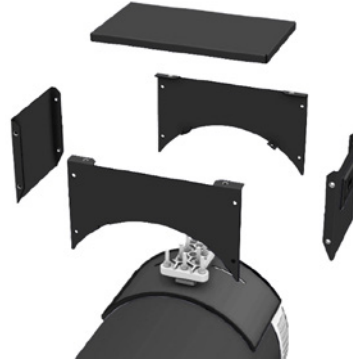
COMPACTNESS AND OPTIMIZED COST OF MANAGEMENT

- ✓ Up to 22% length reduction on previous model
- ✓ Canopy cost reduction
- ✓ Storage optimization
- ✓ Reduced transportation cost



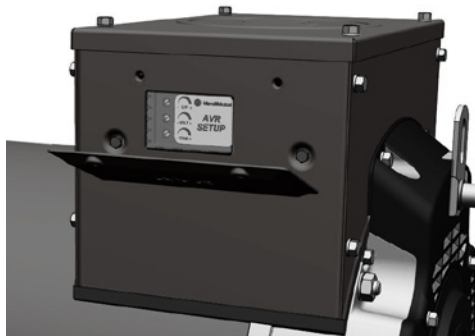
EASY MAINTENANCE & INCREASED SAFETY FEATURES

- ✓ Filters can be removed easily
- ✓ Wide openings allow fast maintenance operations
- ✓ Protection from energized parts
- ✓ No sharp edges



NEW AVR CONCEPT

- ✓ Trimmers on the back of the AVR to allow regulation from outside
- ✓ Newly designed AVR mounted on dampers
- ✓ AVR can be positioned on both lateral or front sides



FLEXIBLE DESIGN FOR INVENTORY MANAGEMENT

- ✓ Customers can buy options separately and mount them according to their requirements

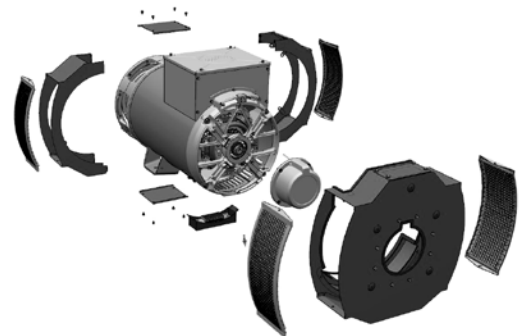
FLEXIBLE CABLE INTERFACE EASY COUPLING & ACCESSIBILITY

- ✓ Panels removable for easy drilling of cable outlet
- ✓ Cable exit on 3 sides of terminal box
- ✓ Easy dismantling of air grid
- ✓ SAE adaptor with large openings for fast coupling procedures

RETROFITTING

- ✓ Standard and extra optionals available to satisfy the power industry requirements
- ✓ Options required after installation can be mounted according to actual needs:

- PMG
- Inlet filter
- Outlet filter
- Heaters
- Bearing PT100



STANDARD CONFIGURATION

| Main components | 160 | 180 | 225 | 250 | | | | |
|-----------------------------------|--|-------------|---|-------------------|----------------|---|---------|------------|
| Magnetic steel | Low losses. Insulated on both sides | | | | | | | |
| Housing | Fabricated steel (EN 10025 - S235JR) | | | | | | | |
| N-End Endshield | Aluminum alloy 46100S T6 | | | Cast iron GJL300 | | | | |
| Shaft | Carbon steel - hot rolled (EN10025 - S355 JR) | | | | | | | |
| Fan | PA 6.6 up to MXB 180 SC4 included - Aluminum alloy above | | | | | | | |
| Terminal board | PF2736 Bakelite | | | | | | | |
| | 7-pins | | | 9-pins | | | | |
| Construction | 160 | 180 | 225 | 250 | | | | |
| Enclosure | Open Drip Proof | | | | | | | |
| Cooling system | IC01 as per IEC 60034-6 | | | | | | | |
| Degree of protection | IP23 as per IEC 60034-5 | | IP23 as per IEC 60034-5 (up to IP 44) | | | | | |
| Mounting | Horizontal single bearing | | Horizontal single bearing - IM 2105 (double bearing available on request) | | | | | |
| Technical data | 160 | 180 | 225 | 250 | | | | |
| Insulation system | Class H for stator and rotor | | | | | | | |
| Impregnation | Epoxy resin through high quality process. | | | | | | | |
| Winding pitch | 2/3 | | | | | | | |
| Bearing data | 160 | 180 | 225 | 250 | | | | |
| Bearing type | D-End | N-End | D-End | N-End | D-End | N-End | D-End | N-End |
| | n/a | 6207-2RS-C3 | 6311-2RS1-C3-LTH23 | 6207-2RS-C3 | 6215-2RS-C3-WT | 6309-2RS1-C3* *single bearing 6309-2RS1-C3-WT | 6218-C3 | 6313-2Z-C3 |
| | Permanently greased | | | | | | | |
| Bearing lifetime | ≥ 20.000 hours | | | | | | | |
| Operation at reduced speed | All regulators work to reduce the excitation current in order to protect the excitation system when the generator is used at reduced speed | | | | | | | |
| Excitation system | 160 | 180 | 225 | 250 | | | | |
| Excitation type | Brushless with rotating rectifier (Graetz 6-Diode bridge) | | | | | | | |
| PMG | Optional | | | | | | | |
| Auxiliary winding | Optional | | | Standard | | | | |
| Applicable standards | 160 | 180 | 225 | 250 | | | | |
| Standards | IEC 60034-1; CEI 2-3; BS 4999-5000; VDE 0530; NF 51-100,111; OVE M-10, NEMA MG 1.32. | | | | | | | |
| Certifications | UL 1004-1, UL 1004-4, C22.2 No. 100 | | | | | | | |
| AVR | 160 | 180 | 225 | 250 | | | | |
| AVR model | AVR model M00FA122A - MARK VX. Dedicated AVR for optional PMG. | | | | | | | |
| AVR position | On right side viewed from D-end | | | Front mounted | | | | |
| AVR supply | Mains | | | Auxiliary winding | | | | |
| Voltage sensing | Single phase | | | | | | | |
| Accuracy | ± 0,5% (@ rated load, balanced and not deforming, P.F. 0,8) | | | | | | | |
| EMI filter | Included | | | | | | | |
| Limiters | U/F Under Frequency | | | | | | | |
| Three phase short circuit current | Generators with auxiliary windings or PMG ensure a three phase short-circuit current (I _{cc}) higher than 3 times the rated current (I _n): I _{cc} > 3 I _n for 10 seconds | | | | | | | |

| Operating conditions | 160 | 180 | 225 | 250 |
|------------------------------------|---|-----|-----|-----|
| Overload during S1 continuous duty | 10% for 1 hour / 15% for 10 minutes / 30% for 4 minutes / 50% for 2 minutes | | | |
| Air inlet | Axial and radial | | | |
| Damper cage | Rotor is provided with large sized damper cage | | | |
| Radio interference | Class B Group 1 as EN 55011 | | | |
| THD / THF | THD < 2% at no load / THF < 2% | | | |
| Parallel operations | All generators are provided with an amply sized damper cage and are suitable for parallel operations with other generators, when equipped with the paralleling unit (available on 180 and 225 frame size) | | | |

ALTITUDE

The rated outputs refer to installation up to 1.000 m a.s.l. Above this level the following derating factors must be applied.

| Altitude (m asl) | < 1.000 | < 1.500 | < 2.000 | < 2.500 | < 3.000 |
|------------------|---------|---------|---------|---------|---------|
| K factor | 1,00 | 0,96 | 0,93 | 0,90 | 0,86 |

AMBIENT TEMPERATURE

The rated outputs given in this catalogue are based on a maximum ambient temperature of 40°C.

When operating at different ambient temperatures the output rating can be obtained by applying the factors as in the following table.

| Ambient temperature (°C) | 30 | 35 | 40 | 45 | 50 | 55 |
|--------------------------|------|------|------|------|------|-----|
| K factor | 1,04 | 1,00 | 1,00 | 0,96 | 0,93 | 0,9 |

POWER FACTOR

The nominal power factor is 0,8 lagging. For different power factor values the following derating factors must be applied.

| Power factor | 1,0 | 0,8 | 0,7 | 0,6 | 0,5 | 0,3 | 0 |
|--------------|------|------|------|------|------|------|------|
| K factor | 1,00 | 1,00 | 0,93 | 0,88 | 0,84 | 0,82 | 0,80 |

VOLTAGE AND FREQUENCY

Generators can operate at 50 Hz and 60 Hz with below voltage values. Other voltages are possible with optional adapted windings.

| Connection | 50 Hz | 60 Hz |
|---------------|-------------|-------------|
| Series star | 380V - 440V | 380V - 480V |
| Parallel star | 190V - 220V | 190V - 240V |
| Series delta | 220V - 254V | 220V - 277V |

OPTIONS AVAILABLE

| | 160 | 180 | 225 | 250 |
|---|-----|-----|-----|-----|
| Operating conditions | | | | |
| Special voltage including 380 V, R3, R6 (LV only) | o | o | o | o |
| Provision for parallel operation with similar generators with AVR | n/a | o* | o | o |
| Terminal box | | | | |
| IP55 terminal box | o | o | o | o |
| Large terminal box | n/a | o | n/a | n/a |
| Separate auxiliary terminal box | n/a | o | o | o |
| Non-magnetic exit cable panel | n/a | n/a | n/a | o |
| 6-leads winding | n/a | n/a | n/a | o |
| Heatings | | | | |
| Anti-condensation heaters (V=220 V) | o | o | o | o |
| Temperature sensors | | | | |
| N. 3 PTC thermistors | o | o | o | o |
| N. 3 PT100 resistance temperature detectors in stator winding | n/a | o | o | o |
| N. 1 PT100 on N-end bearing | o | o | o | o |
| N. 1 PT100 on D-end bearing (for double bearing configuration) | n/a | o | o | o |
| N. PT100 duplex type on N-End bearing | n/a | o | o | o |
| N. PT100 duplex type on D-End bearing (for double bearing configuration) | n/a | o | o | o |
| N. 1PT100 air inlet | n/a | n/a | n/a | o |
| N. 1PT100 air outlet | n/a | n/a | n/a | o |
| Protection degree | | | | |
| Inlet filter | n/a | o | o | o |
| Inlet + outlet filter (IP43) | n/a | o | o | o |
| Inlet + outlet filter (IP44) | n/a | o | o | o |
| Air to fresh water heat exchanger top mounted on generator (IP44) | n/a | n/a | n/a | o |
| Air to salt water heat exchanger top mounted on generator (IP44) | n/a | n/a | n/a | o |
| Air to air heat exchanger top mounted on generator | n/a | n/a | n/a | o |
| AVR | | | | |
| Single-phase sensing AVR (Mark VX), side mounted | s | s | o | o |
| Single-phase sensing AVR (Mark VX), front mounted | n/a | o* | s | s |
| Three-phase sensing AVR (MEC-20), side mounted | n/a | o* | o | o |
| Three-phase sensing AVR (MEC-20), front mounted | n/a | o* | n/a | o |
| Digital AVR D-Vo (mounted on board) | n/a | n/a | n/a | o |
| Automatic power factor regulator (mounted on board) | n/a | n/a | n/a | o |
| Painting | | | | |
| Non standard colour (MM ref. F96831) | o | o | o | o |
| Special painting cycle (MM ref. F96819) | o | o | o | o |
| Special painting cycle (MM ref. F96826) | o | o | o | o |
| Environmental solutions | | | | |
| Tropicalization (CW1081) | o | o | o | o |
| Excitation system | | | | |
| PMG with single-phase AVR (Mark XX) side mounted | o | o | o | o |
| PMG with single-phase AVR (Mark XX) front mounted | n/a | o* | o | o |
| PMG with three-phase AVR (MEC-20) side mounted | n/a | o* | o | o |
| PMG with three-phase AVR (MEC-20) front mounted | n/a | o* | n/a | o |
| PMG with digital AVR D-Vo (mounted on board) | n/a | n/a | n/a | o |
| Mechanical configuration | | | | |
| Special shaft extension | n/a | n/a | n/a | o |
| Second shaft extension (as per catalogue) | n/a | n/a | n/a | o |
| Special housing | n/a | n/a | n/a | o |
| Neutral point terminal box for B2-B3-B34 construction | n/a | n/a | n/a | o |
| NDE grease nipple | n/a | n/a | n/a | o |
| DE grease nipple | n/a | n/a | n/a | o |
| Other accessories | | | | |
| Toothed wheel (n. 60 teeth) with provision for speed sensor (sensor not included) | n/a | n/a | n/a | o |
| 64R - Brush connection with rotor for earth fault detection (without protection device) | n/a | n/a | n/a | o |
| N. 3 CT single core on neutral point (low voltage) | n/a | n/a | n/a | o |

* This option includes also large terminal box

o: optional n/a: not available s: standard

TECHNICAL DATA

4 POLES - 400 V - 50 Hz

1500 rpm

| Type | Continuous duty rating (kVA) | | | Stand by kVA | | Single Phase 230 V | Efficiency | Weight |
|-------------|------------------------------|----------|----------|--------------|--------|-------------------------------|----------------------|--------|
| | 125/40 | 105/40 | 80/40 | 163/27 | 150/40 | Derating factor Zig-zag | P.F, 0,8 4/4 LOAD | Kg |
| | ΔT Cl, H | ΔT Cl, F | ΔT Cl, B | | | | % | |
| MXB 160 SA4 | 10,0 | 9,2 | 8,0 | 11,0 | 10,5 | 0,66 | 81,2 | 82 |
| MXB 160 SB4 | 12,5 | 11,5 | 10,0 | 13,8 | 13,1 | 0,66 | 82,6 | 89 |
| MXB 160 MA4 | 15,0 | 13,7 | 12,0 | 16,5 | 15,8 | 0,66 | 83,7 | 97 |
| MXB 160 MB4 | 17,5 | 16,0 | 14,0 | 19,3 | 18,4 | 0,66 | 84,6 | 103 |
| MXB 180 XA4 | 20,0 | 18,3 | 16,0 | 22,0 | 21,2 | 0,66 | 84,9 | 110 |
| MXB 180 SA4 | 25,0 | 22,9 | 20,0 | 27,5 | 26,5 | 0,66 | 87,6 | 132 |
| MXB 180 SB4 | 30,0 | 27,5 | 24,0 | 33,0 | 31,8 | 0,66 | 88,4 | 144 |
| MXB 180 SC4 | 34,0 | 31,2 | 27,2 | 37,4 | 36,0 | 0,66 | 89,5 | 157 |
| MXB 180 MA4 | 40,0 | 36,7 | 32,0 | 44,0 | 42,4 | 0,66 | 89,8 | 181 |
| MXB 180 MC4 | 45,0 | 41,2 | 36,0 | 49,5 | 47,7 | 0,62 | 90,3 | 193 |
| MXB 180 LA4 | 50,0 | 45,8 | 40,0 | 55,0 | 53,0 | 0,60 | 89,2 | 206 |
| MXB 180 LB4 | 63,0 | 57,7 | 50,4 | 69,3 | 66,8 | 0,55 | 90,1 | 234 |
| MXB 225 SA4 | 75,0 | 68,7 | 60,0 | 82,5 | 78,8 | 0,60 | 90,6 | 311 |
| MXB 225 SB4 | 85,0 | 77,9 | 68,0 | 93,5 | 89,3 | 0,60 | 91,6 | 337 |
| MXB 225 MA4 | 100,0 | 91,7 | 80,0 | 110,0 | 105,0 | 0,60 | 91,8 | 382 |
| MXB 225 MB4 | 120,0 | 110,0 | 96,0 | 132,0 | 126,0 | 0,60 | 92,3 | 401 |
| MXB 225 LA4 | 135,0 | 123,7 | 108,0 | 148,5 | 141,8 | 0,55 | 92,4 | 451 |
| MXB 225 LB4 | 150,0 | 137,5 | 120,0 | 165,0 | 157,5 | 0,55 | 93,0 | 483 |
| MXB 225 LC4 | 160,0 | 146,0 | 128,0 | 176,0 | 168,0 | 0,51 | 92,5 | 485 |
| MXB 250 SA4 | 180,0 | 165,0 | 144,0 | 198,0 | 189,0 | 0,6 | 92 | 466 |
| MXB 250 SB4 | 200,0 | 183,3 | 160,0 | 220,0 | 210,0 | 0,6 | 91,7 | 505 |
| MXB 250 MA4 | 230,0 | 210,8 | 184,0 | 253,0 | 242,0 | 0,6 | 92,2 | 558 |
| MXB 250 MB4 | 250,0 | 229,1 | 200,0 | 275,0 | 263,0 | 0,6 | 92,8 | 640 |
| MXB 250 LA4 | 275,0 | 252,0 | 220,0 | 302,0 | 288,0 | 0,55 | 93,7 | 810 |
| MXB 250 LB4 | 300,0 | 275,0 | 240,0 | 330,0 | 315,0 | 0,52 | 93,5 | 810 |

TECHNICAL DATA

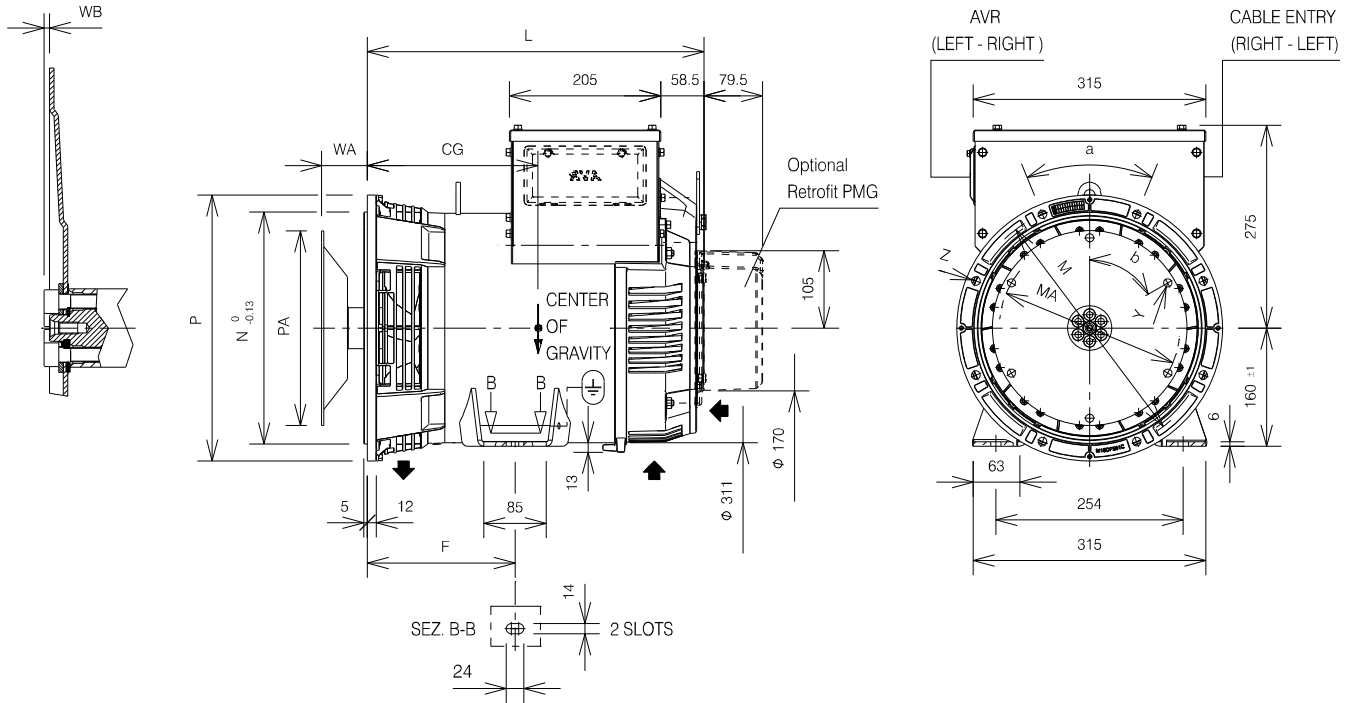
4 POLES - 480 V - 60 Hz

1800 rpm

| Type | Continuous duty rating (kVA) | | | Stand by kVA | | Single Phase 277 V | Efficiency | Weight Kg |
|-------------|------------------------------|--------------------|-------------------|--------------|--------|-------------------------------|----------------------|------------------|
| | 125/40 ΔT Cl. H | 105/40 ΔT Cl. F | 80/40 ΔT Cl. B | 163/27 | 150/40 | Derating factor Zig-zag | P.F. 0,8 4/4 LOAD | |
| | | | | | | | | |
| MXB 160 SA4 | 12,5 | 11,5 | 10,0 | 13,8 | 13,1 | 0,66 | 82,4 | 82 |
| MXB 160 SB4 | 15,6 | 14,3 | 12,5 | 17,2 | 16,4 | 0,66 | 83,7 | 89 |
| MXB 160 MA4 | 18,8 | 17,2 | 15,0 | 20,6 | 19,7 | 0,66 | 84,8 | 97 |
| MXB 160 MB4 | 21,9 | 20,0 | 17,5 | 24,1 | 23,0 | 0,66 | 85,6 | 103 |
| MXB 180 XA4 | 25,0 | 22,9 | 20,0 | 27,5 | 26,5 | 0,66 | 85,7 | 110 |
| MXB 180 SA4 | 31,3 | 28,7 | 25,0 | 34,4 | 33,2 | 0,66 | 88,6 | 132 |
| MXB 180 SB4 | 37,5 | 34,4 | 30,0 | 41,3 | 39,8 | 0,66 | 89,9 | 144 |
| MXB 180 SC4 | 42,5 | 39,0 | 34,0 | 46,8 | 45,1 | 0,66 | 90,0 | 152 |
| MXB 180 MA4 | 50,0 | 45,8 | 40,0 | 55,0 | 53,0 | 0,66 | 90,6 | 181 |
| MXB 180 MC4 | 56,3 | 51,6 | 45,0 | 61,9 | 59,7 | 0,62 | 91,0 | 193 |
| MXB 180 LA4 | 62,5 | 57,3 | 50,0 | 68,8 | 66,3 | 0,60 | 90,4 | 206 |
| MXB 180 LB4 | 78,8 | 72,2 | 63,0 | 86,7 | 83,5 | 0,55 | 90,7 | 234 |
| MXB 225 SA4 | 94,0 | 86,0 | 75,0 | 103,0 | 98,0 | 0,60 | 91,2 | 311 |
| MXB 225 SB4 | 106,0 | 97,4 | 85,0 | 117,0 | 112,0 | 0,60 | 92,2 | 337 |
| MXB 225 MA4 | 125,0 | 114,6 | 100,0 | 137,5 | 131,0 | 0,60 | 92,6 | 382 |
| MXB 225 MB4 | 150,0 | 137,5 | 120,0 | 165,0 | 157,5 | 0,60 | 92,8 | 401 |
| MXB 225 LA4 | 169,0 | 154,7 | 135,0 | 185,6 | 177,0 | 0,55 | 93,1 | 451 |
| MXB 225 LB4 | 187,5 | 171,8 | 150,0 | 206,0 | 197,0 | 0,55 | 93,6 | 483 |
| MXB 225 LC4 | 200,0 | 182,5 | 160,0 | 220,0 | 210,0 | 0,51 | 93,1 | 485 |
| MXB 250 SA4 | 225,0 | 206,0 | 180,0 | 248,0 | 236,0 | 0,6 | 92,6 | 466 |
| MXB 250 SB4 | 250,0 | 229,0 | 200,0 | 275,0 | 263,0 | 0,6 | 92,3 | 505 |
| MXB 250 MA4 | 288,0 | 263,0 | 230,0 | 316,0 | 302,0 | 0,6 | 92,8 | 558 |
| MXB 250 MB4 | 313,0 | 286,0 | 250,0 | 344,0 | 328,0 | 0,6 | 93,4 | 640 |
| MXB 250 LA4 | 344,0 | 315,0 | 275,0 | 378,0 | 361,0 | 0,55 | 94,3 | 810 |
| MXB 250 LB4 | 375,0 | 344,0 | 300,0 | 413,0 | 394,0 | 0,52 | 94,1 | 810 |

DIMENSIONS

MXB 160 - single bearing



| Type | Dimensions [mm] | | |
|------------|-----------------|-----|-------------------------|
| | L | F | CG SAE 3-SAE 4-SAE 5 |
| MXB 160 SA | 416 | 200 | 202 |
| MXB 160 SB | | | 204 |
| MXB 160 MA | 441 | 200 | 210 |
| MXB 160 MB | | | 212 |

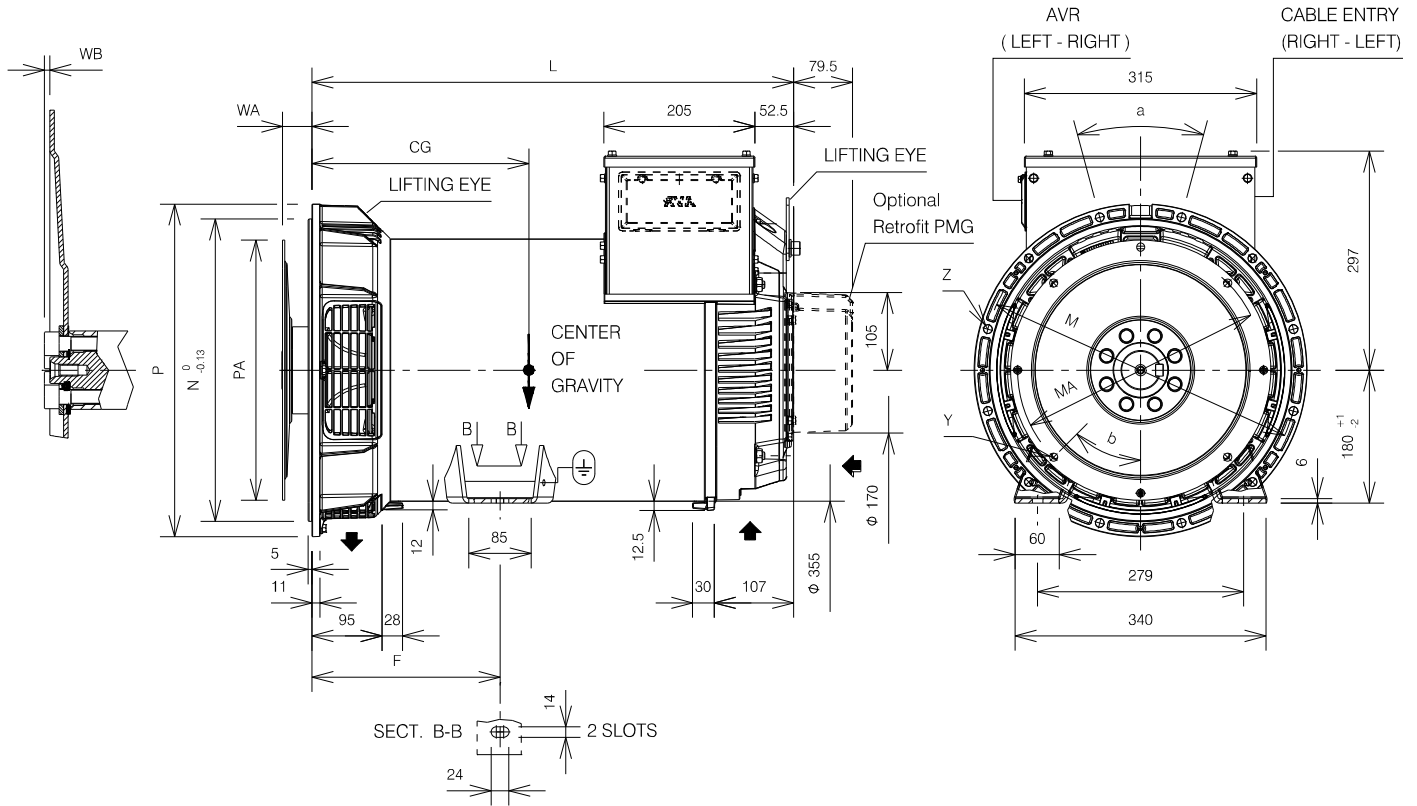
| COUPLING | Connections | | |
|----------|--------------------|---|---|
| | FLANGE SAE J617 | | |
| SAE J620 | 5 | 4 | 3 |
| 6 1/2 | ● | | |
| 7 1/2 | ○ | ● | |
| 8 | ● | ● | ● |
| 10 | | ● | ● |
| 11 1/2 | | | ● |

● Available ○ Most common

| Dimensions [mm] | | | | | | | | | | | | | |
|-----------------|--------|-----|----|------|-----|----------|--------|--------|----|----|-----|------|----|
| FLANGE | | | | | | COUPLING | | | | | | | |
| SAE J617 | N | P | Z | | a | SAE J620 | PA | MA | Y | | b | WA | WB |
| | | | NR | ∅ | | | | | NR | ∅ | | | |
| 5 | 314,32 | 360 | 8 | 11,5 | 45° | 6 1/2 | 215,9 | 200 | 6 | 9 | 60° | 30,2 | 13 |
| 4 | 361,95 | 407 | 12 | 11,5 | 30° | 7 1/2 | 241,3 | 222,3 | 8 | 9 | 45° | 30,2 | 13 |
| 3 | 409,58 | 455 | 12 | 11,5 | 30° | 8 | 263,52 | 244,48 | 6 | 11 | 60° | 62 | - |
| | | | | | | 10 | 314,3 | 295,3 | 8 | 11 | 45° | 53,8 | 13 |
| | | | | | | 11 1/2 | 352,4 | 333,4 | 8 | 11 | 45° | 39,6 | 13 |

DIMENSIONS

MXB 180 - single bearing



| Type | Dimensions [mm] | | | |
|--------------|-----------------|-----|-------------------|-------------------|
| | L | F | CG SAE 4-SAE 5 | CG SAE 2-SAE 3 |
| MXB 180 XA 4 | 426 | 205 | 201 | 206 |
| MXB 180 SA 4 | 496 | | 223 | 228 |
| MXB 180 SB 4 | | | 233 | 238 |
| MXB 180 SC 4 | | | 245 | 250 |
| MXB 180 MA 4 | 546 | 255 | 250 | 254 |
| MXB 180 MC 4 | | | 260 | 264 |
| MXB 180 LA 4 | | | 289 | 294 |
| MXB 180 LB 4 | 651 | | 314 | 319 |

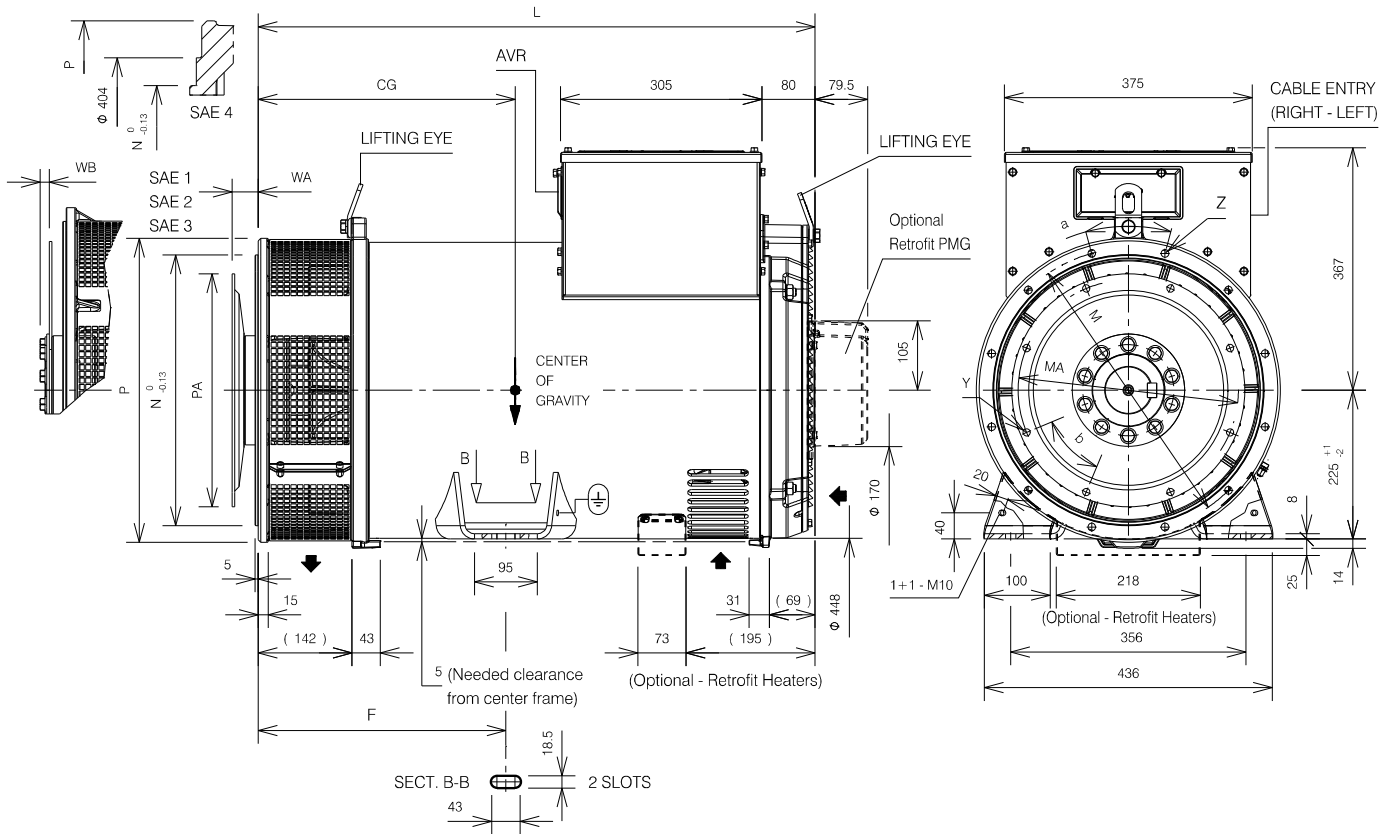
| Connections | | | | |
|----------------------|--------------------|---|---|---|
| COUPLING SAE J620 | FLANGE SAE J617 | | | |
| | 5 ^(*) | 4 | 3 | 2 |
| 6 1/2 | • | | | |
| 7 1/2 | • | • | | |
| 8 | • | • | • | • |
| 10 | | • | • | • |
| 11 1/2 | | | ○ | • |

• Available ○ Most common
 (*) Not available for frame size MA4, MC4, LA4 and LB4

| Dimensions [mm] | | | | | | | | | | | | | | |
|-----------------|--------|-------|--------|----|----|-----|-------------|--------|--------|----|----|-----|------|----|
| FLANGE | | | | | | | COUPLING | | | | | | | |
| SAE J617 | N | P | M | Z | | a | SAE J620 | PA | MA | Y | | b | WA | WB |
| | | | | NR | Ø | | | | | NR | Ø | | | |
| 5 | 314,32 | 355,6 | 333,38 | 8 | 11 | 45° | 6 1/2 | 215,90 | 200,02 | 6 | 9 | 60° | 30,2 | 13 |
| 4 | 361,95 | 403,4 | 381,00 | 12 | 11 | 30° | 7 1/2 | 241,30 | 222,25 | 8 | 9 | 45° | 30,2 | 13 |
| 3 | 409,58 | 450,8 | 428,62 | 12 | 11 | 30° | 8 | 263,52 | 244,48 | 6 | 11 | 60° | 62,0 | - |
| 2 | 447,68 | 489,0 | 466,72 | 12 | 11 | 30° | 10 | 314,32 | 295,28 | 8 | 11 | 45° | 53,8 | 13 |
| | | | | | | | 11 1/2 | 352,42 | 333,38 | 8 | 11 | 45° | 39,6 | 13 |

DIMENSIONS

MXB 225 - single bearing



| Type | Dimensions [mm] | | | |
|--------------|-----------------|-----|-----------------|-----------------|
| | L | F | CG SAE4-SAE3 | CG SAE2-SAE1 |
| MXB 225 SA 4 | 708 | 325 | 303 | 310 |
| MXB 225 SB 4 | | | 352 | 348 |
| MXB 225 MA 4 | 778 | 375 | 344 | 331 |
| MXB 225 MB 4 | | | 386 | 372 |
| MXB 225 LA 4 | 843 | 375 | 389 | 377 |
| MXB 225 LB 4 | | | 436 | 423 |
| MXB 225 LC 4 | | | | |

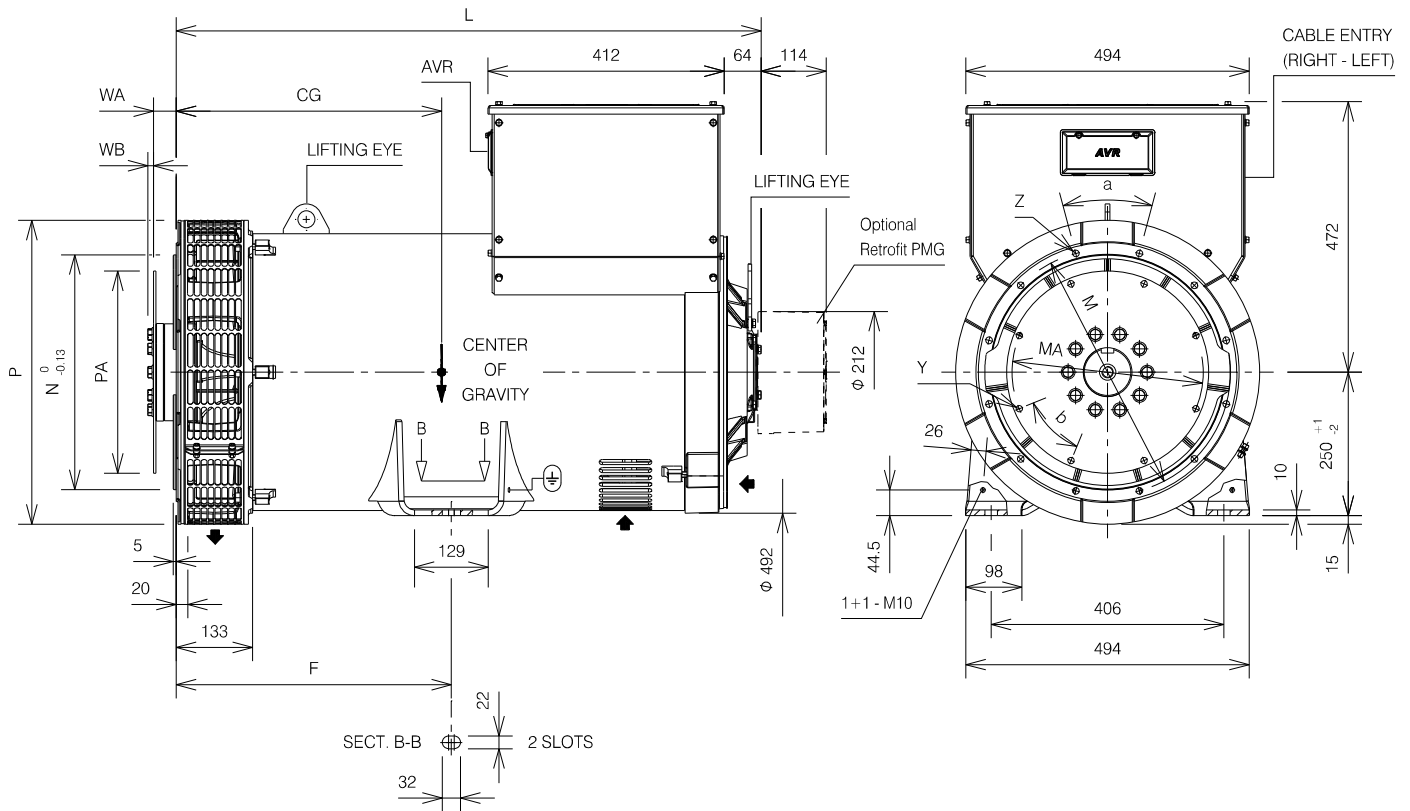
| COUPLING SAE J620 | Connections FLANGE SAE J617 | | | |
|----------------------|-----------------------------------|---|---|---|
| | 4 | 3 | 2 | 1 |
| | 10 | ● | ● | |
| 11 1/2 | | ○ | ● | ● |
| 14 | | | | ● |

● Available ○ Most common

| Dimensions [mm] | | | | | | | | | | | | | | |
|-----------------|--------|-------|--------|----|----|-----|-------------|--------|--------|----|----|-----|------|----|
| FLANGE | | | | | | | COUPLING | | | | | | | |
| SAE J617 | N | P | M | Z | | a | SAE J620 | PA | MA | Y | | b | WA | WB |
| | | | | NR | ∅ | | | | | NR | ∅ | | | |
| 4 | 361,95 | 460 | 381,00 | 12 | 11 | 30° | 10 | 314,32 | 295,28 | 8 | 11 | 45° | 53,8 | - |
| 3 | 409,58 | 460 | 428,62 | 12 | 11 | 30° | 11 1/2 | 352,42 | 333,38 | 8 | 11 | 45° | 39,6 | - |
| 2 | 447,68 | 495 | 466,72 | 12 | 11 | 30° | 14 | 466,72 | 438,15 | 8 | 14 | 45° | 25,4 | 14 |
| 1 | 511,18 | 552,5 | 530,22 | 12 | 11 | 30° | | | | | | | | |

DIMENSIONS

MXB 250 - single bearing



| Type | Dimensions [mm] | | |
|--------------|-----------------|-----|-----|
| | L | F | CG |
| MXB 250 SA 4 | 800 | 360 | 350 |
| MXB 250 SB 4 | | | 363 |
| MXB 250 MA 4 | 910 | 425 | 380 |
| MXB 250 MB 4 | | | 408 |
| MXB 250 LA 4 | 1020 | 480 | 463 |
| MXB 250 LB4 | | | |

| Connections | | | |
|-------------|----------|---------------|---|
| COUPLING | FLANGE | | |
| | SAE J617 | | |
| SAE J620 | 3 | 2 | 1 |
| 11 1/2 | ○ | ● | ● |
| 14 | | | ● |
| ● Available | | ○ Most common | |

| Dimensions [mm] | | | | | | | | | | | | | | |
|-----------------|--------|-----|--------|----|------|-----|----------|--------|--------|----|-----|-----|------|----|
| FLANGE | | | | | | | COUPLING | | | | | | | |
| SAE J617 | N | P | M | Z | | a | SAE J620 | PA | MA | Y | | b | WA | WB |
| | | | | No | DIA | | | | | No | DIA | | | |
| 3 | 409.58 | 530 | 428.62 | 12 | 11.5 | 30° | 11 1/2 | 325.42 | 333.38 | 8 | 11 | 45° | 39.6 | 10 |
| 2 | 447.68 | 530 | 466.72 | 12 | 11.5 | 30° | 14 | 466.72 | 438.15 | 8 | 14 | 45° | 25.4 | 10 |
| 1 | 511.18 | 552 | 530.22 | 12 | 11.5 | 30° | | | | | | | | |

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