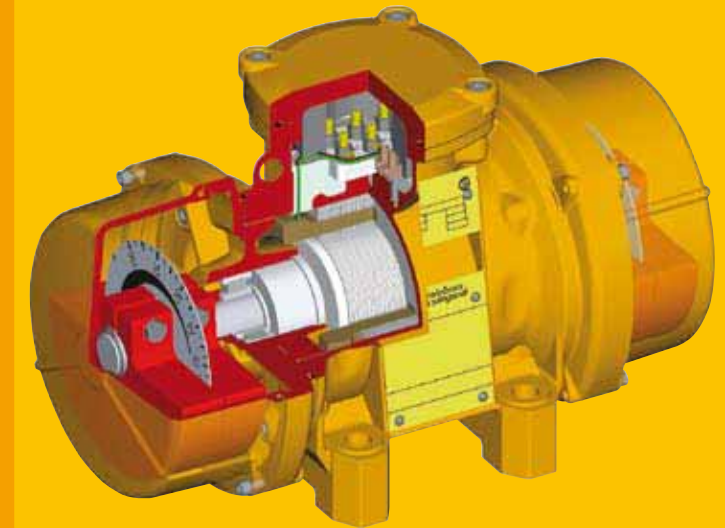




The CDX explosion-proof vibrators have been designed for use in industrial processes in a potentially explosive atmosphere. The enclosure of the CDX vibrators is equipped with increased thickness and joints to prevent the transmission of an internal explosion to the surrounding area.

The CDX series is characterized and enhanced by many different certifications, depending on the vibrator model.



Technical features

Power supply

Three-phase voltage from 24V to 690V (limit at 600V for UL and CSA certification), 50Hz or 60Hz, or single-phase 100-130V 60Hz and 200-240V 50Hz; suitable for use with an inverter from 20Hz to the base frequency with constant torque load profile.

Polarity

2, 4, 6 and 8 poles.

Reference Regulations and Directives

See table below.

Controls

The components that affect protection are 100% accurately controlled and recorded. The vibrators undergo 100% dynamic tests on the bench.

Functioning

Continual service (S1) at maximum declared centrifugal force and electric power. Intermitent services are also possible depending on the type of vibrator and the operating conditions. For detailed information, contact our technical assistance office.

Centrifugal force

Range extended to 22000 Kgf. (220 KN), with centrifugal force adjustable from 0 to 100%.

Mechanical protection

Mechanical protection IP66 according to IEC 529, EN 60529.

Protection against blows

IK 08 according to IEC 68, EN 50102.

Insulation class

Class F (155°C).

Tropicalization

Standard on all vibrators, with vacuum impregnation up to size AF 33 and 35, with "drop by drop" trickle system for larger sizes.

Environmental temperature

From -10°C to +40°C.

Vibrator heat protection

With thermostats at 130°C for the entire CDX range, or on request with PTC thermistors rated heat detectors 130°C (DIN 44081-44082).

Fixing of the vibrator

In all positions and therefore without restriction.

Lubrication

All vibrators are lubricated in the factory and do not require further lubrication if used in normal operating conditions. In heavy duty operating conditions periodical re-lubrication may be applied to size 40 and larger.

Terminal box

Large fixed electrical connections. The terminal cover, with increased thickness, is constructed to contain internal explosions. Special shaped terminals allow to fix the power supply cable, protecting it from loosening.

Electric motor

Three-phase and single-phase asynchronous type. Designed for maximum starting torques and torque curves specific to requirements of the vibrating machines. Insulated windings using vacuum encapsulating up to size 30*; using the "drop by drop" trickle system with Class H resin for the larger sizes. The rotor is die cast aluminium.

Casing

In high-tensile aluminium alloy up to size 30*, in ductile cast iron for larger sizes.

Patented shape that improves heat dispersion and lowers normal running temperature with full load.

An external earthing screw is located on the casing as prescribed by Regulation EN 50014.

Bearing flange

Constructed in ductile or grey cast iron. The geometry of the flange transmits the load to the casing uniformly.

Bearings

Custom made with particular geometry, especially designed for Italtibras, suitable to support both high radial and axial loads.

Motor shaft

In treated steel alloy (Isothermic hardening) resistant to stress.

Eccentric weights

Allow continual adjustment of the centrifugal force. This adjustment is realized by a graduated scale, which expresses the centrifugal force as a percentage of the maximum centrifugal force. A patented system (patent N°MO98A000194), called ARS, prevents adjustment errors.

Weight covers

In aluminium alloy. Designed to prevent the entrance of combustible dust.

Painting

Electrostatic surface treatment based on polymerised epoxy polyester powder in oven at 200°C. Tested in salt spray for 500 hours.

Other features

The CDX series is supplied with NPT conduit opening.

Certifications



Regulation CAN/CSA - C22.2 N. 100-95, file n° LR100948 Class 4211 01 – Motors and



Certificate: E129825 Class I, Groups C and D; Class II, Groups E, F and G. Temperature class: T4 (135°C). Regulations: UL N° 674-886. Areas of use: 1, 2*



Certificate DEMKO 01 ATEX 0135585 Category: II 2 G, D, Eex d IIB. Temperature class: 120°C, IP 66 Directives: ATEX 94/9/CE CENELEC EN 50014-EN 50018, EN 50281-1-1. Areas of use: 1,2,21, 22



GGTN Permit and Gost-R certificate for explosion-proof EE x d: GOST R 51330.0-99, GOST R 51330.1-99, GOST R IEC 61241-1-1-99.

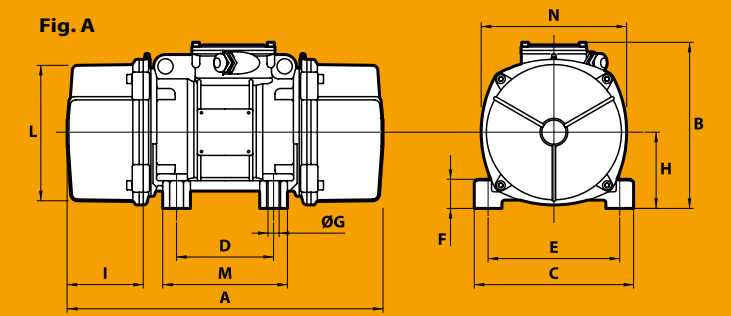


Certificate: SIRA 00 ATEX 1026 Category: II 2 G, Eex d IIB. Temperature class: T4 (135°C) Directives: ATEX 94/9/CE CENELEC EN 50014-EN 50018 Areas of use: 1,2



Certification: CMRI and DGMS for Indian. Category: Ex d II B 120°C, IP 66 Regulations: IS2148-2004, IS 13346-2004, IS4691-1985. Areas of use: 1, 2

* Areas 1, 2 indicated with this symbol are areas according to classification in force in USA and Canada. They cannot be referred to the ATEX Directive.



2 poles - 3000/3600 rpm

| | Description | | | | Mechanical specifications | | | | | | Electric specifications | | | | Type | Dimensional specifications (mm) | | | | | | | | | | | | | | | | | | | | | | |
|--------------|----------------|----------------|-------|----------------|---------------------------|-------|-------------------|-------|-------|-------|-------------------------|-------|----------------------|-------|------|---------------------------------|----------------|-------------------|-------|----------------|----------------|------|-----|-------|-----|-----|-----|-------|-------|-----|------|-----|-------|-----|-----|----------------|----------|--------------------------|
| | Code | Type | SIZE | Certifications | Static moment* kgmm | | Centrifugal force | | | | Weight kg | | Max input power W | | | Power rating W | | Max. current A | | Ia/In | | Fig. | A | B | C | D | E | Holes | | F | H | I | L | M | N | Capacitor (µF) | | Pipe thread not supplied |
| | | | | | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | | 400 V 50 Hz | 460 V 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | | | | | | | 50 Hz | 60 Hz | | | | | | | øG | N* | |
| three-phase | 600384 | CDX 3/300-G/D | 10 | • | 30.1 | 20.4 | 304 | 297 | 2.98 | 2.91 | 11.5 | 11.0 | 260 | 270 | 180 | 190 | 0.60 | 0.50 | 3.47 | 4.20 | CDX 3/300-G/D | A | 255 | 191 | 152 | 90 | 125 | 13 | 4 | 28 | 77.5 | 54 | 130 | 128 | 150 | - | - | NPT 1/2" |
| | 600385 | CDX 3/500-G/D | 20 | • | 49.9 | 32.4 | 503 | 471 | 4.93 | 4.62 | 17.0 | 16.0 | 450 | 500 | 330 | 390 | 0.80 | 0.75 | 4.21 | 4.80 | CDX 3/500-G/D | A | 288 | 218 | 167 | 105 | 140 | 13 | 4 | 30 | 90 | 65 | 150 | 140 | 175 | - | - | NPT 1/2" |
| | 600387 | CDX 3/800-G/D | 30 | • | 78.0 | 52.0 | 785 | 754 | 7.70 | 7.40 | 23.3 | 22.4 | 650 | 685 | 500 | 520 | 1.10 | 1.00 | 3.83 | 6.00 | CDX 3/800-G/D | A | 314 | 230.5 | 205 | 120 | 170 | 17 | 4 | 45 | 102 | 66 | 177 | 162 | 200 | - | - | NPT 1/2" |
| | 600389 | CDX 3/1100-G/D | 35 | • • • • | 110 | 73.0 | 1105 | 1061 | 10.8 | 10.4 | 34.0 | 33.0 | 600 | 710 | 480 | 550 | 0.90 | 0.93 | 4.78 | 4.96 | CDX 3/1100-G/D | A | 360 | 248.5 | 210 | 120 | 170 | 17 | 4 | 52 | 112 | 75 | 192 | 160 | 218 | - | - | NPT 3/4" |
| | 600437 | CDX 3/1500-G/D | 40 | • • • | 161 | 111 | 1625 | 1602 | 15.9 | 17.7 | 56.1 | 53.6 | 1000 | 1200 | 850 | 925 | 1.62 | 1.72 | 6.00 | 6.32 | CDX 3/1500-G/D | A | 468 | 278.5 | 235 | 140 | 190 | 17 | 4 | 65 | 116 | 108 | 210 | 185 | 225 | - | - | NPT 3/4" |
| | 600317 | CDX 3/2100-G/D | 50 | • • • • | 209 | 144 | 2114 | 2080 | 20.7 | 20.4 | 62.0 | 60.7 | 1000 | 1260 | 900 | 1095 | 1.71 | 1.85 | 6.95 | 7.19 | CDX 3/2100-G/D | A | 520 | 278.5 | 235 | 140 | 190 | 22 | 4 | 65 | 116 | 134 | 210 | 185 | 225 | - | - | NPT 3/4" |
| | 600320 | CDX 3/2300-G/D | 60 | • • • • | 222 | 159 | 2236 | 2300 | 21.9 | 22.5 | 82.5 | 79.5 | 2000 | 2200 | 1500 | 1606 | 3.23 | 3.20 | 7.47 | 8.60 | CDX 3/2300-G/D | A | 572 | 312 | 270 | 155 | 225 | 22 | 4 | 52 | 135 | 146 | 238.5 | 200 | 253 | - | - | NPT 3/4" |
| | 600323 | CDX 3/3200-G/D | 70 | • • • • | 344 | 215 | 3457 | 3112 | 33.9 | 30.5 | 108 | 104 | 3100 | 3250 | 2570 | 2570 | 5.23 | 5.00 | 6.37 | 8.00 | CDX 3/3200-G/D | A | 594 | 342.5 | 310 | 155 | 255 | 23.5 | 4 | 65 | 155 | 137 | 279 | 210 | 295 | - | - | NPT 3/4" |
| 600217 | CDX 3/4700-G/D | 80 | • • • | 469 | 329 | 4710 | 4760 | 46.2 | 46.7 | 144 | 139 | 4500 | 4500 | 3680 | 3680 | 7.13 | 6.60 | 6.53 | 7.00 | CDX 3/4700-G/D | A | 756 | 380 | 335 | 180 | 280 | 26 | 4 | 70 | 175 | 173 | 304 | 235 | 335 | - | - | NPT 3/4" | |
| single-phase | 600384 | CDX 3/300-G/D | 10 | • | 30.1 | 20.4 | 304 | 297 | 2.98 | 2.91 | 11.5 | 11.0 | 280 | 280 | 180 | 200 | 1.25 | 2.40 | 2.48 | 3.52 | CDX 3/300-G/D | A | 255 | 191 | 152 | 90 | 125 | 13 | 4 | 28 | 77.5 | 54 | 130 | 128 | 150 | 16 | 25 | NPT 1/2" |
| | 600385 | CDX 3/500-G/D | 20 | • | 49.9 | 32.4 | 503 | 471 | 4.93 | 4.62 | 17.0 | 16.0 | 500 | 500 | 340 | 350 | 2.30 | 4.50 | 3.35 | 4.22 | CDX 3/500-G/D | A | 288 | 218 | 167 | 105 | 140 | 13 | 4 | 30 | 90 | 65 | 150 | 140 | 175 | 12.5 | 50 | NPT 1/2" |
| | 600387 | CDX 3/800-G/D | 30 | • | 78.0 | 52.0 | 785 | 754 | 7.70 | 7.40 | 23.3 | 22.4 | 700 | 750 | 450 | 500 | 3.25 | 7.00 | 4.00 | 4.14 | CDX 3/800-G/D | A | 314 | 230.5 | 205 | 120 | 170 | 17 | 4 | 45 | 102 | 66 | 177 | 162 | 200 | 25 | 90 | NPT 1/2" |

4 poles - 1500/1800 rpm

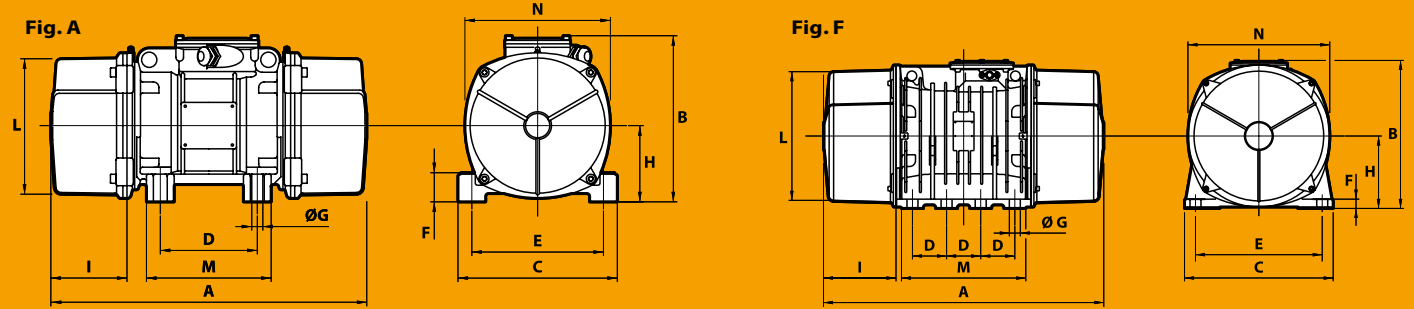
| | Description | | | | Mechanical specifications | | | | | | Electric specifications | | | | Type | Dimensional specifications (mm) | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-----------------|-----------------|-------|----------------|---------------------------|-------|-------------------|-------|-------|-------|-------------------------|-------|----------------------|-------|------|---------------------------------|----------------|-------------------|-------|-----------------|-----------------|------|--------------------------|-------|-----|-----|-----|-------|-------|-----|------|--------------------------|-------|-----|-----|----------------|----------|--------------------------|
| | Code | Type | SIZE | Certifications | Static moment* kgmm | | Centrifugal force | | | | Weight kg | | Max input power W | | | Power rating W | | Max. current A | | Ia/In | | Fig. | A | B | C | D | E | Holes | | F | H | I | L | M | N | Capacitor (µF) | | Pipe thread not supplied |
| | | | | | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | | 400 V 50 Hz | 460 V 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | | | | | | | 50 Hz | 60 Hz | | | | | | | øG | N* | |
| three-phase | 601409 | CDX 15/200-G/D | 10 | • | 84.2 | 58.8 | 213 | 214 | 2.09 | 2.10 | 14.0 | 13.0 | 170 | 170 | 95 | 95 | 0.41 | 0.40 | 2.34 | 2.75 | CDX 15/200-G/D | A | 301 | 191 | 152 | 90 | 125 | 13 | 4 | 28 | 77.5 | 77 | 130 | 128 | 150 | - | - | NPT 1/2" |
| | 601410 | CDX 15/400-G/D | 20 | • | 163 | 113 | 412 | 411 | 4.04 | 4.03 | 21.4 | 20.0 | 300 | 350 | 215 | 275 | 0.60 | 0.60 | 3.33 | 3.50 | CDX 15/400-G/D | A | 350 | 218 | 167 | 105 | 140 | 13 | 4 | 30 | 90 | 96 | 150 | 140 | 175 | - | - | NPT 1/2" |
| | 601411 | CDX 15/550-G/D | 20 | • | 219 | 163 | 552 | 592 | 5.42 | 5.81 | 22.8 | 21.4 | 300 | 350 | 215 | 275 | 0.60 | 0.60 | 3.33 | 3.50 | CDX 15/550-G/D | A | 392 | 218 | 167 | 105 | 140 | 13 | 4 | 30 | 90 | 117 | 150 | 140 | 175 | - | - | NPT 1/2" |
| | 601412 | CDX 15/700-G/D | 30 | • | 286 | 209 | 720 | 760 | 7.06 | 7.46 | 30.3 | 29.0 | 525 | 665 | 380 | 490 | 0.92 | 0.98 | 3.48 | 3.43 | CDX 15/700-G/D | A | 394 | 230.5 | 205 | 120 | 170 | 17 | 4 | 45 | 102 | 106 | 177 | 162 | 200 | - | - | NPT 1/2" |
| | 601413 | CDX 15/1100-G/D | 35 | • • • • | 415 | 271 | 1045 | 982 | 10.3 | 9.63 | 46.0 | 41.5 | 520 | 660 | 369 | 442 | 0.81 | 0.88 | 4.65 | 4.84 | CDX 15/1100-G/D | A | 444 | 248.5 | 210 | 120 | 170 | 17 | 4 | 52 | 112 | 117 | 192 | 160 | 218 | - | - | NPT 3/4" |
| | 601424 | CDX 15/1410-G/D | 40 | • • • | 561 | 400 | 1413 | 1449 | 13.9 | 14.2 | 65.6 | 61.0 | 750 | 1000 | 548 | 740 | 1.35 | 1.50 | 5.59 | 5.60 | CDX 15/1410-G/D | A | 468 | 278.5 | 235 | 140 | 190 | 17 | 4 | 65 | 116 | 108 | 210 | 185 | 225 | - | - | NPT 3/4" |
| | 601328 | CDX 15/1710-G/D | 50 | • • • • | 715 | 485 | 1798 | 1757 | 17.6 | 17.2 | 70.0 | 67.5 | 1050 | 1300 | 882 | 1105 | 1.81 | 1.90 | 5.09 | 5.46 | CDX 15/1710-G/D | A | 520 | 278.5 | 235 | 140 | 190 | 22 | 4 | 65 | 116 | 134 | 210 | 185 | 225 | - | - | NPT 3/4" |
| | 601358 | CDX 15/2000-G/D | 50 | • • • • | 817 | 561 | 2054 | 2033 | 20.1 | 19.9 | 75.0 | 69.0 | 1050 | 1300 | 882 | 1105 | 1.81 | 1.90 | 5.09 | 5.46 | CDX 15/2000-G/D | A | 594 (50Hz) 520 (60Hz) | 278.5 | 235 | 140 | 190 | 22 | 4 | 65 | 116 | 171 (50Hz) 134 (60Hz) | 210 | 185 | 225 | - | - | NPT 3/4" |
| | 601329 | CDX 15/2410-G/D | 60 | • • • • | 962 | 674 | 2420 | 2444 | 23.7 | 24.0 | 98.0 | 92.0 | 1500 | 1650 | 1305 | 1485 | 2.95 | 2.90 | 7.80 | 7.76 | CDX 15/2410-G/D | A | 572 | 312 | 270 | 155 | 225 | 22 | 4 | 52 | 135 | 146 | 238.5 | 200 | 253 | - | - | NPT 3/4" |
| | 601330 | CDX 15/3810-G/D | 70 | • • • • | 1526 | 1034 | 3840 | 3744 | 37.7 | 36.7 | 133 | 128 | 2270 | 2250 | 1839 | 1845 | 3.80 | 3.50 | 6.84 | 8.09 | CDX 15/3810-G/D | A | 594 | 342.5 | 310 | 155 | 255 | 23.5 | 4 | 65 | 155 | 137 | 279 | 210 | 295 | - | - | NPT 3/4" |
| 601189 | CDX 15/5010-G/D | 80 | • • • | 1990 | 1364 | 5007 | 4941 | 49.1 | 48.5 | 167 | 160 | 2800 | 2800 | 2100 | 2100 | 4.75 | 4.40 | 6.74 | 7.20 | CDX 15/5010-G/D | A | 756 | 380 | 335 | 180 | 280 | 26 | 4 | 70 | 175 | 173 | 304 | 235 | 335 | - | - | NPT 3/4" | |
| single-phase | 601409 | CDX 15/200-G/D | 10 | • | 84.2 | 58.8 | 213 | 214 | 2.09 | 2.10 | 14.0 | 13.0 | 210 | 230 | 110 | 120 | 1.00 | 2.00 | 1.50 | 1.85 | CDX 15/200-G/D | A | 301 | 191 | 152 | 90 | 125 | 13 | 4 | 28 | 77.5 | 77 | 130 | 128 | 150 | 5 | 25 | NPT 1/2" |
| | 601410 | CDX 15/400-G/D | 20 | • | 163 | 113 | 412 | 411 | 4.04 | 4.03 | 21.4 | 20.0 | 240 | 320 | 120 | 180 | 1.20 | 2.80 | 2.50 | 2.50 | CDX 15/400-G/D | A | 350 | 218 | 167 | 105 | 140 | 13 | 4 | 30 | 90 | 96 | 150 | 140 | 175 | 32/12 | 35 | NPT 1/2" |
| | 601411 | CDX 15/550-G/D | 20 | • | 219 | 163 | 552 | 592 | 5.42 | 5.81 | 23.5 | 22.0 | 240 | 320 | 120 | 180 | 1.20 | 2.80 | 2.50 | 2.50 | CDX 15/550-G/D | A | 392 | 218 | 167 | 105 | 140 | 13 | 4 | 30 | 90 | 117 | 150 | 140 | 175 | 32/12 | 40/35 | NPT 1/2" |
| | 601412 | CDX 15/700-G/D | 30 | • | 286 | 209 | 720 | 760 | 7.06 | 7.46 | 30.3 | 29.0 | 450 | 550 | 240 | 300 | 2.15 | 5.15 | 5.44 | 3.63 | CDX 15/700-G/D | A | 394 | 230.5 | 205 | 120 | 170 | 17 | 4 | 45 | 102 | 106 | 177 | 162 | 200 | 96/16 | 160/40 | NPT 1/2" |

* Working moment = 2 x static moment.

Ia/In = ratio between start-up current and maximum current. • Start-up capacitor / Running capacitor.



6 poles - 1000/1200 rpm



| | Description | | | | Mechanical specifications | | | | | | | | Electrical specifications | | | | | | | | Dimensional specifications (mm) | | | | | | | | | | | | | | | |
|-------------|----------------|-----------------|------|----------------|---------------------------|-------|-------------------------|-------|-------|-------|--------------|-------|---------------------------|-------|-------------------|----------------|-------------------|-------|-------|----------------|---------------------------------|------|--------------------------|-------|-----|-----|-----|-------|----|-----|-------|--------------------------|-------|-----|--------------------------|----------|
| | Code | Type | SIZE | Certifications | Static moment* kgmm | | Centrifugal force kg | | | | Weight kg | | Max input power W | | Power rating W | | Max. current A | | Ia/In | | Type | Fig. | A | B | C | D | E | Holes | | | | L | M | N | Pipe thread not supplied | |
| | | | | | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 400 V 50 Hz | 460 V 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | | | | | | | | øG | N° | F | H | | | | | I |
| three-phase | 602315 | CDX 10/40-G/D | 10 | • | 30.1 | 30.1 | 35.0 | 49.0 | 0.331 | 0.476 | 11.5 | 11.5 | 120 | 135 | 50 | 90 | 0.30 | 0.30 | 1.90 | 2.07 | CDX 10/40-G/D | A | 255 | 191 | 152 | 90 | 125 | 13 | 4 | 28 | 77.5 | 54 | 130 | 128 | 150 | NPT 1/2" |
| | 602316 | CDX 10/100-G/D | 10 | • | 84.2 | 84.2 | 94.3 | 136 | 0.925 | 1.33 | 14.0 | 14.0 | 120 | 135 | 50 | 90 | 0.30 | 0.30 | 1.90 | 2.07 | CDX 10/100-G/D | A | 301 | 191 | 152 | 90 | 125 | 13 | 4 | 28 | 77.5 | 77 | 130 | 128 | 150 | NPT 1/2" |
| | 602317 | CDX 10/200-G/D | 20 | • | 163 | 163 | 183 | 264 | 1.80 | 2.59 | 21.4 | 21.4 | 185 | 205 | 100 | 120 | 0.50 | 0.50 | 2.72 | 3.10 | CDX 10/200-G/D | A | 350 | 218 | 167 | 105 | 140 | 13 | 4 | 30 | 90 | 96 | 150 | 140 | 175 | NPT 1/2" |
| | 602318 | CDX 10/310-G/D | 30 | • | 286 | 209 | 321 | 338 | 3.15 | 3.32 | 30.3 | 29.0 | 350 | 380 | 220 | 270 | 0.72 | 0.68 | 2.63 | 2.79 | CDX 10/310-G/D | A | 394 | 230.5 | 205 | 120 | 170 | 17 | 4 | 45 | 102 | 106 | 177 | 162 | 200 | NPT 1/2" |
| | 602320 | CDX 10/550-G/D | 35 | • • • • | 457 | 457 | 512 | 737 | 5.02 | 7.23 | 47.5 | 47.5 | 300 | 310 | 220 | 220 | 0.57 | 0.61 | 3.89 | 3.77 | CDX 10/550-G/D | A | 444 | 248.5 | 210 | 120 | 170 | 17 | 4 | 52 | 112 | 117 | 192 | 160 | 218 | NPT 3/4" |
| | 602325 | CDX 10/810-G/D | 40 | • • • | 723 | 561 | 809 | 905 | 7.94 | 8.88 | 70.7 | 65.4 | 570 | 680 | 370 | 442 | 1.24 | 1.30 | 4.00 | 3.69 | CDX 10/810-G/D | A | 520 (50Hz) 468 (60Hz) | 278.5 | 235 | 140 | 190 | 17 | 4 | 65 | 116 | 134 (50Hz) 108 (60Hz) | 210 | 185 | 225 | NPT 3/4" |
| | 602274 | CDX 10/1110-G/D | 50 | • • • • | 1012 | 715 | 1132 | 1151 | 11.1 | 11.3 | 79.0 | 72.0 | 700 | 870 | 483 | 548 | 1.52 | 1.65 | 4.15 | 4.24 | CDX 10/1110-G/D | A | 594 (50Hz) 520 (60Hz) | 278.5 | 235 | 140 | 190 | 22 | 4 | 65 | 116 | 171 (50Hz) 134 (60Hz) | 210 | 185 | 225 | NPT 3/4" |
| | 602277 | CDX 10/1610-G/D | 60 | • • • • | 1464 | 962 | 1638 | 1549 | 16.1 | 15.2 | 109 | 98.0 | 1040 | 1250 | 738 | 913 | 2.09 | 2.10 | 4.93 | 5.24 | CDX 10/1610-G/D | A | 634 (50Hz) 572 (60Hz) | 312 | 270 | 155 | 225 | 22 | 4 | 52 | 135 | 177 (50Hz) 146 (60Hz) | 238.5 | 200 | 253 | NPT 3/4" |
| | 602280 | CDX 10/2610-G/D | 70 | • • • • | 2326 | 1706 | 2601 | 2747 | 25.5 | 26.9 | 144 | 130 | 1725 | 1800 | 1470 | 1470 | 3.80 | 3.70 | 5.40 | 6.03 | CDX 10/2610-G/D | A | 676 | 342.5 | 310 | 155 | 255 | 23.5 | 4 | 65 | 155 | 178 | 279 | 210 | 295 | NPT 3/4" |
| | 602124 | CDX 10/3810-G/D | 80 | • • • | 3422 | 2380 | 3826 | 3831 | 37.5 | 37.6 | 200 | 182 | 2100 | 2300 | 1700 | 1850 | 4.75 | 4.75 | 4.19 | 4.67 | CDX 10/3810-G/D | A | 756 | 380 | 335 | 180 | 280 | 25 | 4 | 70 | 175 | 173 | 304 | 235 | 335 | NPT 3/4" |
| 602201 | CDX 10/22000-G | 110 | • • | 20025 | 12553 | 22386 | 20208 | 220 | 198 | 928 | 898 | 15600 | 19000 | 11800 | 14700 | 25.2 | 25.5 | 5.70 | 5.88 | CDX 10/22000-G | F | 1150 | 607 | 610 | 140 | 520 | 45 | 8 | 38 | 297 | 297.5 | 542 | 510 | 582 | NPT 1" | |

8 poles - 750/900 rpm

| | Description | | | | Mechanical specifications | | | | | | | | Electrical specifications | | | | | | | | Dimensional specifications (mm) | | | | | | | | | | | | | | | |
|-------------|-------------|------------------|------|----------------|---------------------------|-------|-------------------------|-------|-------|-------|--------------|-------|---------------------------|-------|-------------------|----------------|-------------------|-------|-------|-------|---------------------------------|------|------|-------|-----|-----|-----|-------|----|----|-----|-------|-------|-----|--------------------------|----------|
| | Code | Type | SIZE | Certifications | Static moment* kgmm | | Centrifugal force kg | | | | Weight kg | | Max input power W | | Power rating W | | Max. current A | | Ia/In | | Type | Fig. | A | B | C | D | E | Holes | | | | L | M | N | Pipe thread not supplied | |
| | | | | | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | 400 V 50 Hz | 460 V 60 Hz | 50 Hz | 60 Hz | 50 Hz | 60 Hz | | | | | | | | øG | N° | F | H | | | | | I |
| three-phase | 602576 | CDX 075/150-G/D | 20 | • | 163 | 163 | 104 | 149 | 1.02 | 1.46 | 21.4 | 21.4 | 230 | 250 | 110 | 120 | 0.85 | 0.76 | 2.13 | 2.11 | CDX 075/150-G/D | A | 350 | 218 | 167 | 105 | 140 | 13 | 4 | 30 | 90 | 96 | 150 | 140 | 175 | NPT 1/2" |
| | 602577 | CDX 075/250-G/D | 30 | • | 286 | 286 | 181 | 260 | 1.76 | 2.55 | 30.3 | 30.3 | 350 | 380 | 190 | 210 | 1.10 | 1.05 | 2.03 | 2.29 | CDX 075/250-G/D | A | 394 | 230.5 | 205 | 120 | 170 | 17 | 4 | 45 | 102 | 106 | 177 | 162 | 200 | NPT 1/2" |
| | 602578 | CDX 075/400-G/D | 35 | • • • • | 457 | 457 | 288 | 415 | 2.83 | 4.07 | 47.5 | 47.5 | 300 | 300 | 150 | 150 | 0.57 | 0.58 | 2.47 | 2.50 | CDX 075/400-G/D | A | 444 | 248.5 | 210 | 120 | 170 | 17 | 4 | 52 | 112 | 117 | 192 | 160 | 218 | NPT 3/4" |
| | 602581 | CDX 075/660-G/D | 40 | • • • | 723 | 723 | 456 | 656 | 4.47 | 6.44 | 70.7 | 70.7 | 340 | 340 | 184 | 184 | 0.87 | 0.90 | 2.87 | 3.11 | CDX 075/660-G/D | A | 520 | 278.5 | 235 | 140 | 190 | 17 | 4 | 65 | 116 | 134 | 210 | 185 | 225 | NPT 3/4" |
| | 602552 | CDX 075/910-G/D | 50 | • • • • | 1012 | 1012 | 637 | 917 | 6.25 | 9.00 | 77.0 | 77.0 | 420 | 500 | 231 | 260 | 1.00 | 1.10 | 2.91 | 2.91 | CDX 075/910-G/D | A | 594 | 278.5 | 235 | 140 | 190 | 22 | 4 | 65 | 116 | 171 | 210 | 185 | 225 | NPT 3/4" |
| | 602555 | CDX 075/1310-G/D | 60 | • • • • | 1464 | 1464 | 922 | 1327 | 9.04 | 13.0 | 109 | 109 | 750 | 850 | 480 | 560 | 1.52 | 1.90 | 3.68 | 3.05 | CDX 075/1310-G/D | A | 634 | 312 | 270 | 155 | 225 | 22 | 4 | 52 | 135 | 177 | 238.5 | 200 | 253 | NPT 3/4" |
| | 602558 | CDX 075/2110-G/D | 70 | • • • • | 2326 | 2326 | 1463 | 2107 | 14.4 | 20.7 | 144 | 144 | 1480 | 1500 | 1036 | 1100 | 3.52 | 3.45 | 3.58 | 3.91 | CDX 075/2110-G/D | A | 676 | 342.5 | 310 | 155 | 255 | 23.5 | 4 | 65 | 155 | 178 | 279 | 210 | 295 | NPT 3/4" |
| | 602864 | CDX 075/3110-G/D | 80 | • • • | 3421 | 3421 | 2152 | 3099 | 21.1 | 30.4 | 196 | 196 | 1850 | 2100 | 1320 | 1400 | 4.85 | 5.00 | 4.21 | 4.70 | CDX 075/3110-G/D | A | 756 | 380 | 335 | 180 | 280 | 25 | 4 | 70 | 175 | 173 | 304 | 235 | 335 | NPT 3/4" |
| | 602513 | CDX 075/22000-G | 110 | • • | 28633 | 24508 | 18005 | 22192 | 177 | 218 | 1015 | 981 | 10000 | 13000 | 8100 | 10300 | 21.4 | 22.0 | 6.97 | 5.50 | CDX 075/22000-G | F | 1150 | 607 | 610 | 140 | 520 | 45 | 8 | 38 | 297 | 297.5 | 542 | 510 | 582 | NPT 1" |

* Working moment = 2 x static moment.

Ia/In = ratio between start-up current and maximum current.