



**URBAR**  
ingenieros s.a.

## **Electric external vibrators**

### **REX serie**



- Disigned for continuous operation at maximum centrifugal force.
- Rugged well dimensioned body.
- Vaccuum impregnated and tropicalized stator.
- Shortcircuited cast aluminium armature.
- Special heavy-duty bearings.
- Large diameter shaft to avoid deflection.
- IP 66 protection.



### CE Directives

In compliance with the 98/37/CE directive, regarding machinery safety, the REX vibrators are supplied with a data plate, where all the information required by these directives is included.

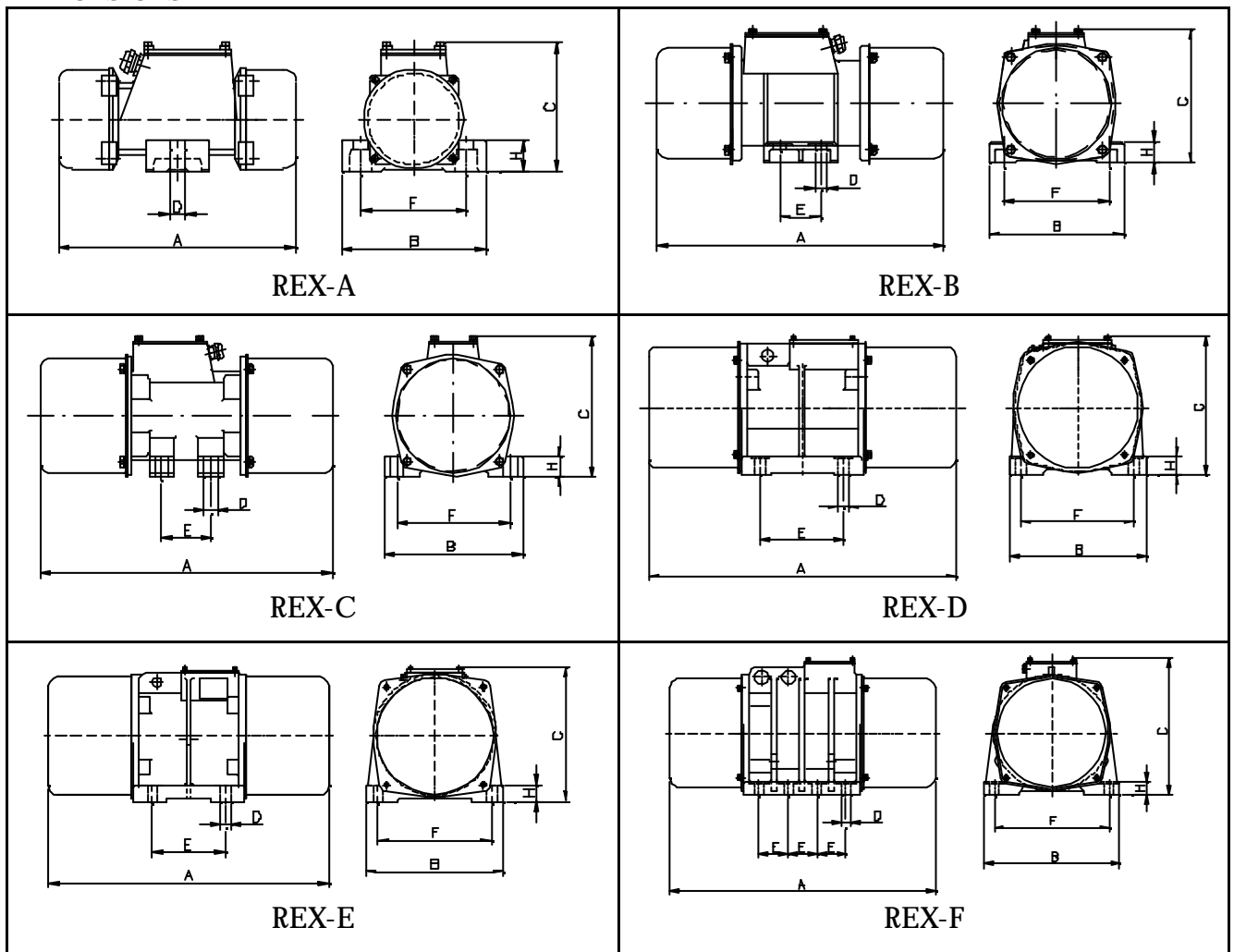
### Description

- The REX vibrators are made to work continuously, at their at maximum centrifugal force, for the whole range.
- The vibrator bodies are rugged well dimensioned.
- The stator, with a B/F isolation, is shortcircuited cast aluminium armature.
- Vacuum impregnated and tropicalized stator.
- Special heavy-duty bearings are mounted.
- Large diameter shaft in order to avoid deflection.
- IP 66 protection for the whole range.

### Voltages and frequencies

The vibrators belonging to the REX serie are made, in the standard version, to be connected at a three-phase 230/400 V 50 Hz. Nevertheless, under request, other voltages or frequencies can be supplied.

### Dimensions





**Technical data**

| Type                           | Centrifugal force<br>kN | Working moment<br>kg.cm | Absorbed power<br>W | Rate       |       | Dimensions |     |     |      |    |     | Weight<br>kg |       |
|--------------------------------|-------------------------|-------------------------|---------------------|------------|-------|------------|-----|-----|------|----|-----|--------------|-------|
|                                |                         |                         |                     | 230 V<br>A | 400 V | A          | B   | C   | D    | H  | E   |              | F     |
| <b>3000 r.min<sup>-1</sup></b> |                         |                         |                     |            |       |            |     |     |      |    |     |              |       |
| REX-A 8/30                     | 0,8                     | 0,8                     | 140                 | 0,7        | 0,4   | 224        | 136 | 122 | 14,5 | 30 | -   | 100          | 3,9   |
| REX-A 16/30                    | 1,6                     | 1,6                     | 140                 | 0,7        | 0,4   | 224        | 136 | 122 | 14,5 | 30 | -   | 100          | 4,1   |
| REX-A 20/30                    | 2,0                     | 2,0                     | 140                 | 0,7        | 0,4   | 224        | 136 | 122 | 14,5 | 30 | -   | 100          | 4,2   |
| REX-A 24/30                    | 2,4                     | 2,4                     | 140                 | 0,7        | 0,4   | 224        | 136 | 122 | 14,5 | 30 | -   | 100          | 4,3   |
| REX-A 28/30                    | 2,8                     | 2,8                     | 140                 | 0,7        | 0,4   | 224        | 136 | 122 | 14,5 | 30 | -   | 100          | 4,5   |
| REX-B 35/30                    | 3,5                     | 3,5                     | 240                 | 0,9        | 0,6   | 270        | 166 | 163 | 15,0 | 26 | 50  | 130          | 15,2  |
| REX-B 60/30                    | 6,0                     | 6,0                     | 280                 | 1,0        | 0,6   | 270        | 166 | 163 | 15,0 | 26 | 50  | 130          | 16,1  |
| REX-C 90/30                    | 9,0                     | 9,0                     | 900                 | 2,4        | 1,4   | 370        | 216 | 219 | 22,0 | 32 | 77  | 176          | 25,3  |
| REX-C 140/30                   | 14,0                    | 14,0                    | 920                 | 2,7        | 1,5   | 408        | 216 | 219 | 22,0 | 32 | 77  | 176          | 29,0  |
| REX-C 165/30                   | 16,5                    | 16,5                    | 920                 | 2,7        | 1,5   | 408        | 216 | 219 | 22,0 | 32 | 77  | 176          | 31,0  |
| <b>1500 r.min<sup>-1</sup></b> |                         |                         |                     |            |       |            |     |     |      |    |     |              |       |
| REX-A 7/15                     | 0,7                     | 2,8                     | 130                 | 0,5        | 0,3   | 224        | 136 | 122 | 14,5 | 30 | -   | 100          | 6,1   |
| REX-A 12/15                    | 1,2                     | 4,8                     | 150                 | 0,6        | 0,4   | 270        | 136 | 122 | 14,5 | 30 | -   | 100          | 6,3   |
| REX-B 30/15                    | 3,0                     | 12,0                    | 320                 | 1,4        | 0,8   | 350        | 166 | 163 | 15,0 | 26 | 50  | 130          | 17,8  |
| REX-B 40/15                    | 4,0                     | 36,0                    | 320                 | 1,4        | 0,8   | 350        | 166 | 163 | 15,0 | 26 | 50  | 130          | 19,6  |
| REX-C 60/15                    | 6,0                     | 24,0                    | 550                 | 2,1        | 1,1   | 408        | 216 | 219 | 22,0 | 32 | 77  | 176          | 29,5  |
| REX-C 90/15                    | 9,0                     | 36,0                    | 560                 | 2,2        | 1,3   | 408        | 216 | 219 | 22,0 | 32 | 77  | 176          | 32,5  |
| REX-C 110/15                   | 11,0                    | 44,0                    | 570                 | 2,2        | 1,3   | 464        | 216 | 219 | 22,0 | 32 | 77  | 176          | 34,0  |
| REX-C 140/15                   | 14,0                    | 56,0                    | 590                 | 2,4        | 1,4   | 464        | 216 | 219 | 22,0 | 32 | 77  | 176          | 35,0  |
| REX-D 170/15                   | 17,0                    | 68,0                    | 1780                | 5,2        | 3,1   | 514        | 280 | 279 | 21,0 | 35 | 170 | 230          | 80,0  |
| REX-D 250/15                   | 25,0                    | 100,0                   | 1850                | 5,4        | 3,2   | 514        | 280 | 279 | 21,0 | 35 | 170 | 230          | 90,0  |
| REX-E 350/15                   | 35,0                    | 140,0                   | 2550                | 9,5        | 6,0   | 610        | 340 | 331 | 26,0 | 40 | 180 | 280          | 150,0 |
| REX-E 500/15                   | 50,0                    | 200,0                   | 2750                | 11,0       | 6,6   | 610        | 340 | 331 | 26,0 | 40 | 180 | 280          | 170,0 |
| REX-F 750/15                   | 75,0                    | 300,0                   | 4450                | 13,9       | 8,0   | 748        | 384 | 394 | 26,0 | 35 | 82  | 324          | 245,0 |
| <b>1000 r.min<sup>-1</sup></b> |                         |                         |                     |            |       |            |     |     |      |    |     |              |       |
| REX-C 40/10                    | 4,0                     | 36,0                    | 410                 | 2,4        | 1,4   | 464        | 216 | 219 | 22,0 | 32 | 77  | 176          | 35,0  |
| REX-C 55/10                    | 5,5                     | 49,5                    | 420                 | 2,5        | 1,4   | 464        | 216 | 219 | 22,0 | 32 | 77  | 176          | 38,0  |
| REX-C 74/10                    | 7,4                     | 66,6                    | 450                 | 2,6        | 1,5   | 464        | 216 | 219 | 22,0 | 32 | 77  | 176          | 40,0  |
| REX-D 110/10                   | 11,0                    | 99,0                    | 1300                | 5,0        | 2,9   | 514        | 280 | 279 | 21,0 | 35 | 170 | 230          | 92,0  |
| REX-D 160/10                   | 16,0                    | 144,0                   | 1750                | 6,0        | 3,5   | 626        | 280 | 279 | 21,0 | 35 | 170 | 230          | 101,0 |
| REX-D 210/10                   | 21,0                    | 189,0                   | 1950                | 6,7        | 4,0   | 626        | 280 | 279 | 21,0 | 35 | 170 | 230          | 110,0 |
| REX-E 280/10                   | 28,0                    | 252,0                   | 3420                | 10,0       | 6,2   | 690        | 340 | 331 | 26,0 | 40 | 180 | 280          | 175,0 |
| REX-E 380/10                   | 38,0                    | 342,0                   | 3500                | 11,0       | 6,6   | 690        | 340 | 331 | 26,0 | 40 | 180 | 280          | 188,0 |
| REX-E 500/10                   | 50,0                    | 450,0                   | 3580                | 11,8       | 6,8   | 760        | 340 | 331 | 26,0 | 40 | 180 | 280          | 220,0 |
| REX-F 750/10                   | 75,0                    | 675,0                   | 5200                | 15,0       | 8,5   | 980        | 384 | 394 | 26,0 | 35 | 82  | 324          | 285,0 |

Specifications can be changed without previous notice



**URBAR Ingenieros, the specialist in the vibration field.**

URBAR Ingenieros is an engineering company specialised in the vibration field. Since 1953, we have been designing, manufacturing and marketing all kind of vibrating equipment. Nowadays, URBAR has a wide experience in developing and manufacturing vibrating equipment, as well as in determining and solving vibrating problems shown in all kind of fields of the industry.



URBAR Ingenieros is certified **ISO 9001** for designing and manufacturing vibrators and vibrating equipment, undertaking all kind of industrial applications of vibration, in order to give vibrating solutions.



We have more than 50 years of research in the vibration field and its applications. Our technical know-how guaranties that any equipment is designed in order to be correctly integrated in the manufacturing process.

Two skills are basically to be remarked in URBAR: our high level in technical assistance and our large experience in vibration market. Our wish is though to be in the service of the persons or the companies who need a technical solution in our speciality: the **Vibration**.

