

*CEG is an Australasian leader of electric motors and water pumps for the industrial and domestic market.*

## EDX SERIES

The EDX catalogue details the complete range and specifications of this series.

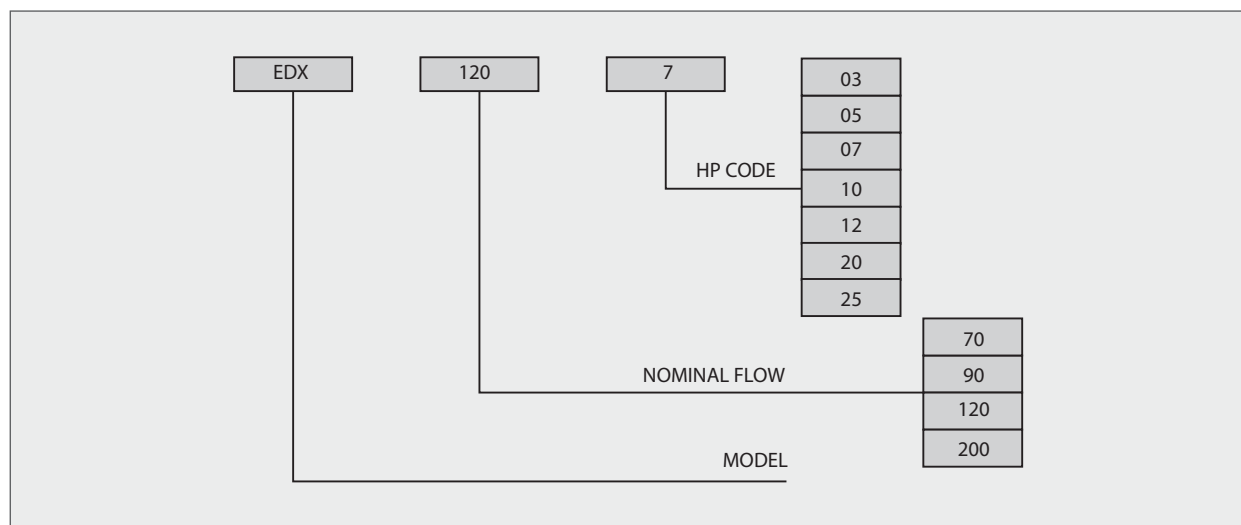
The EDX Series Stainless steel centrifugal pump range covers from 0.25kW right through to 1.85kW. They are available in models EDX 70/03 to EDX 200/25.

The EDX Series centrifugal pumps are available in single and three phase and suitable for both domestic and industrial applications. All components of the pump in contact with pumped liquid are made of stainless steel AISI 304.



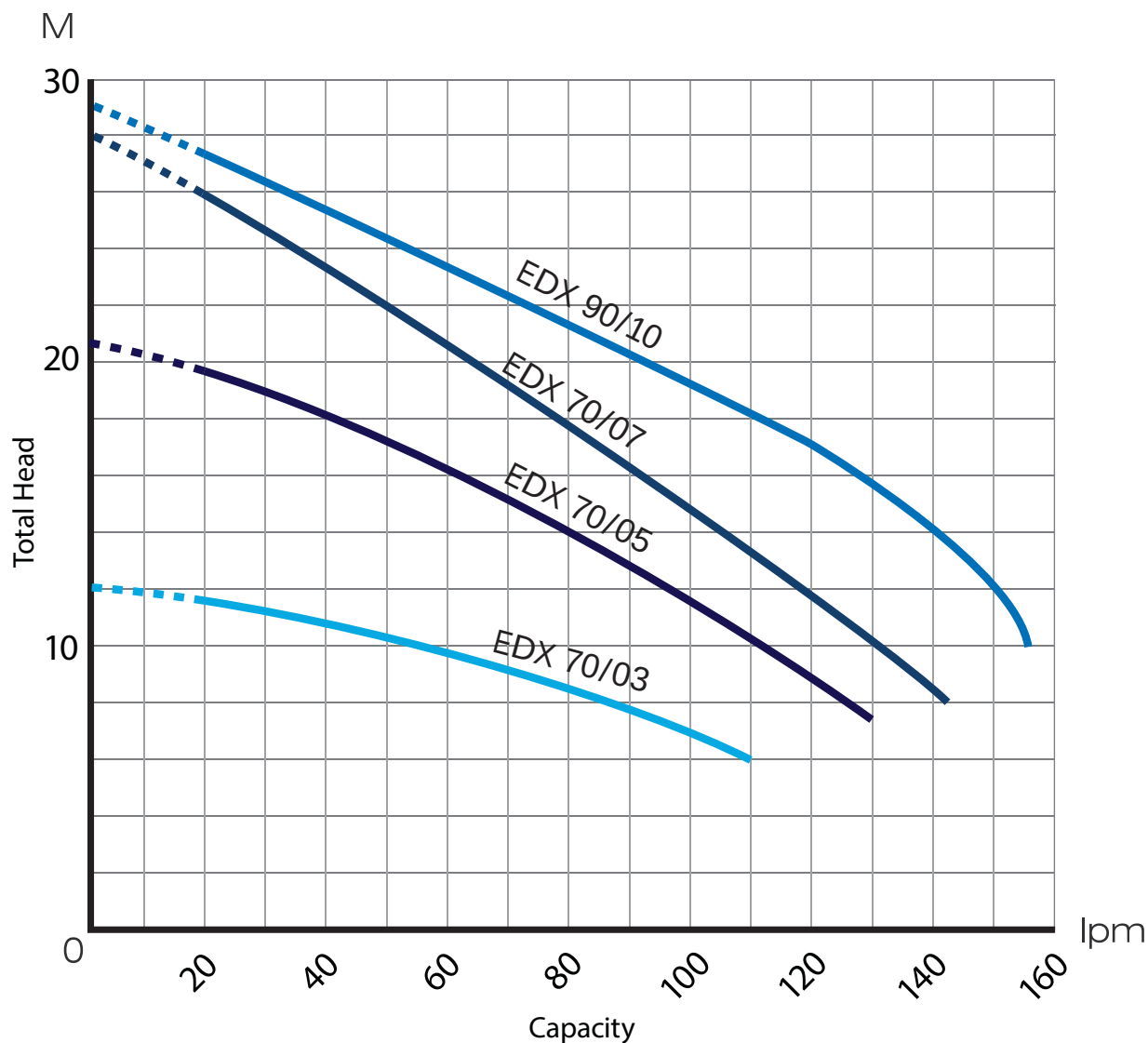
## APPLICATION

- CIP washing (Cleaning In Place)
- Water supply and circulation for domestic use
- Sprinkler systems
- Composition of surge tank units for pressure boosting
- Bottling of pure or drinking water
- Air-conditioning or cooling system industrial washing and other special application
- Treatment and irrigation
- General water pumping including moderately aggressive liquids



| PUMP                 |                         |                                                      |
|----------------------|-------------------------|------------------------------------------------------|
| LIQUID HANDLED       | TYPE OF LIQUID          | Clean water and moderately aggressive liquids        |
|                      | MAX TEMP                | 110°C                                                |
|                      | MIN TEMP                | -10°C                                                |
| MAX WORKING PRESSURE |                         | 8 bar (116 psi)                                      |
| CONSTRUCTION         | IMPELLER                | Closed centrifugal type                              |
|                      | SHAFT SEAL              | Mechanical Seal (Viton)                              |
|                      | BEARING                 | Sealed ball bearing                                  |
| PIPE CONNECTION      | SUCTION (DNA)           | EDX 70, EDX 120 G 1 ¼" (32mm) / EDX 200 G 1½" (40mm) |
|                      | DISCHARGE (DNM)         | G 1" (25mm)                                          |
| MATERIAL             | CASING AND CASING COVER | AISI 304                                             |
|                      | IMPELLER                | AISI 304                                             |
|                      | SHAFT SEAL              | Ceramic/Carbon/Viton                                 |
|                      | SHAFT                   | AISI 304                                             |
|                      | BRACKET                 | Aluminium                                            |

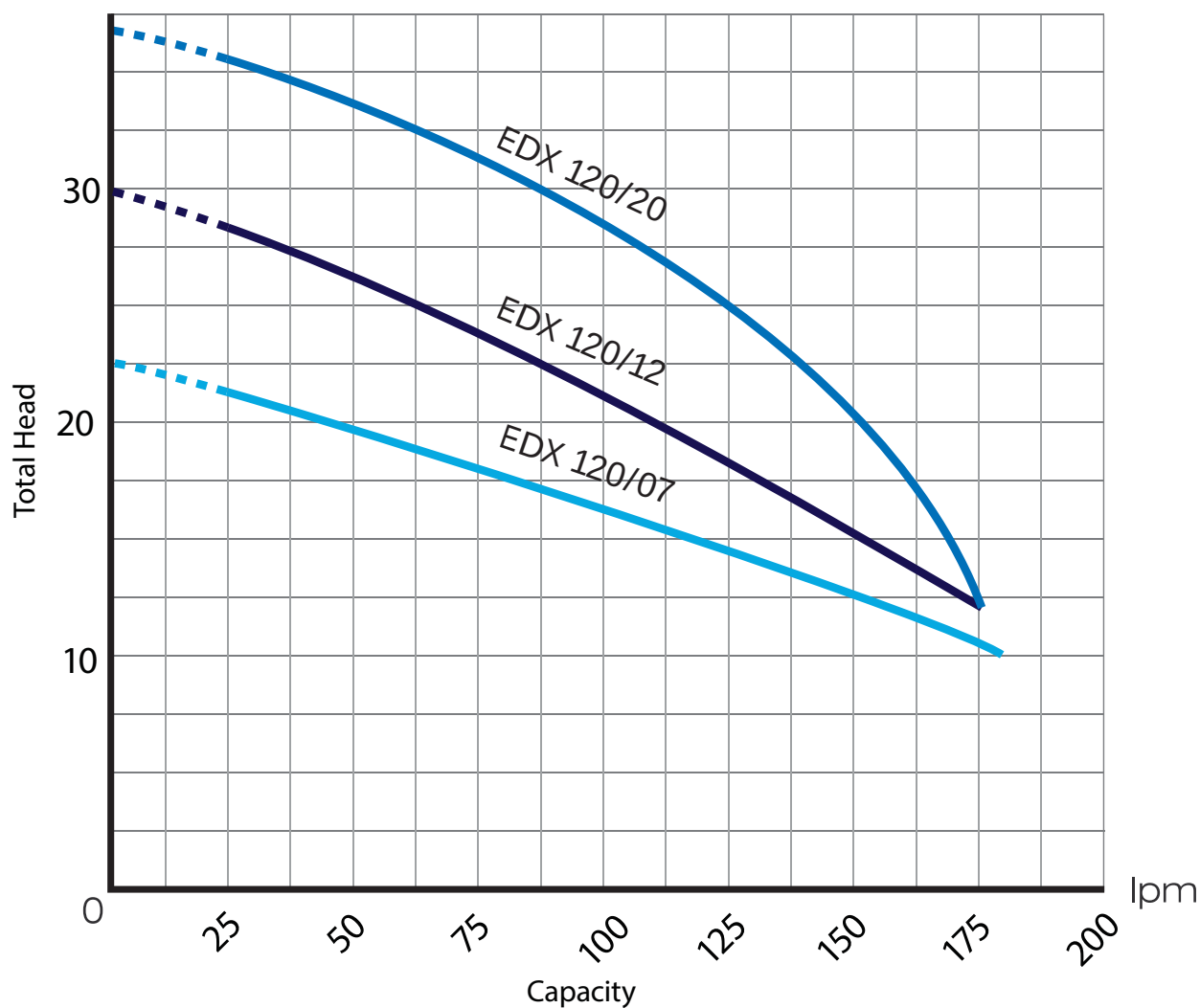
| MOTOR                           |    |                        |                      |
|---------------------------------|----|------------------------|----------------------|
| TYPE                            |    | Electric - TEFC        |                      |
|                                 |    | Single Phase           | Three Phase          |
| NO. OF POLES                    |    | 2                      |                      |
| ROTATION SPEED                  |    | 2800 min <sup>-1</sup> |                      |
| INSULATION CLASS                |    | F                      |                      |
| PROTECTION DEGREE               |    | IP55                   |                      |
| POWER RATING                    | kW | 0.25 ÷ 1.85            | 0.25 ÷ 1.85          |
|                                 | HP | 0.3 ÷ 2.5              | 0.3 ÷ 2.5            |
| FREQUENCY                       |    | 50Hz                   |                      |
| VOLTAGE                         |    | 230V ± 10%             | 230/400V ± 10%       |
| CAPACITOR                       |    | Built in               | -                    |
| OVER LOAD PROTECTION            |    | Built in               | Provided by the user |
| CASING MATERIAL                 |    | Aluminium              |                      |
| BASE MATERIAL/<br>MOTOR SUPPORT |    | Aluminium              |                      |



| MODEL     | POWER |      | CURRENT (A) |      |         |      | MAX HEAD | MAX CAPACITY | WEIGHT |
|-----------|-------|------|-------------|------|---------|------|----------|--------------|--------|
|           | kW    | HP   | SINGLE ø    |      | THREE ø |      | m        | lpm          | kg     |
|           |       |      | µf          | 230V | 230V    | 400V |          |              |        |
| EDX-70/03 | 0.25  | 0.3  | 10          | 2    | 1.4     | 0.8  | 12       | 110          | 7      |
| EDX-70/05 | 0.37  | 0.5  | 20          | 4.2  | 2.5     | 1.4  | 20.7     | 130          | 9.4    |
| EDX-70/07 | 0.55  | 0.75 | 20          | 5.2  | 3.5     | 2    | 28       | 142          | 10.6   |
| EDX-90/10 | 0.75  | 1.0  | 30          | 6.2  | 4.2     | 2.4  | 29       | 155          | 11.2   |

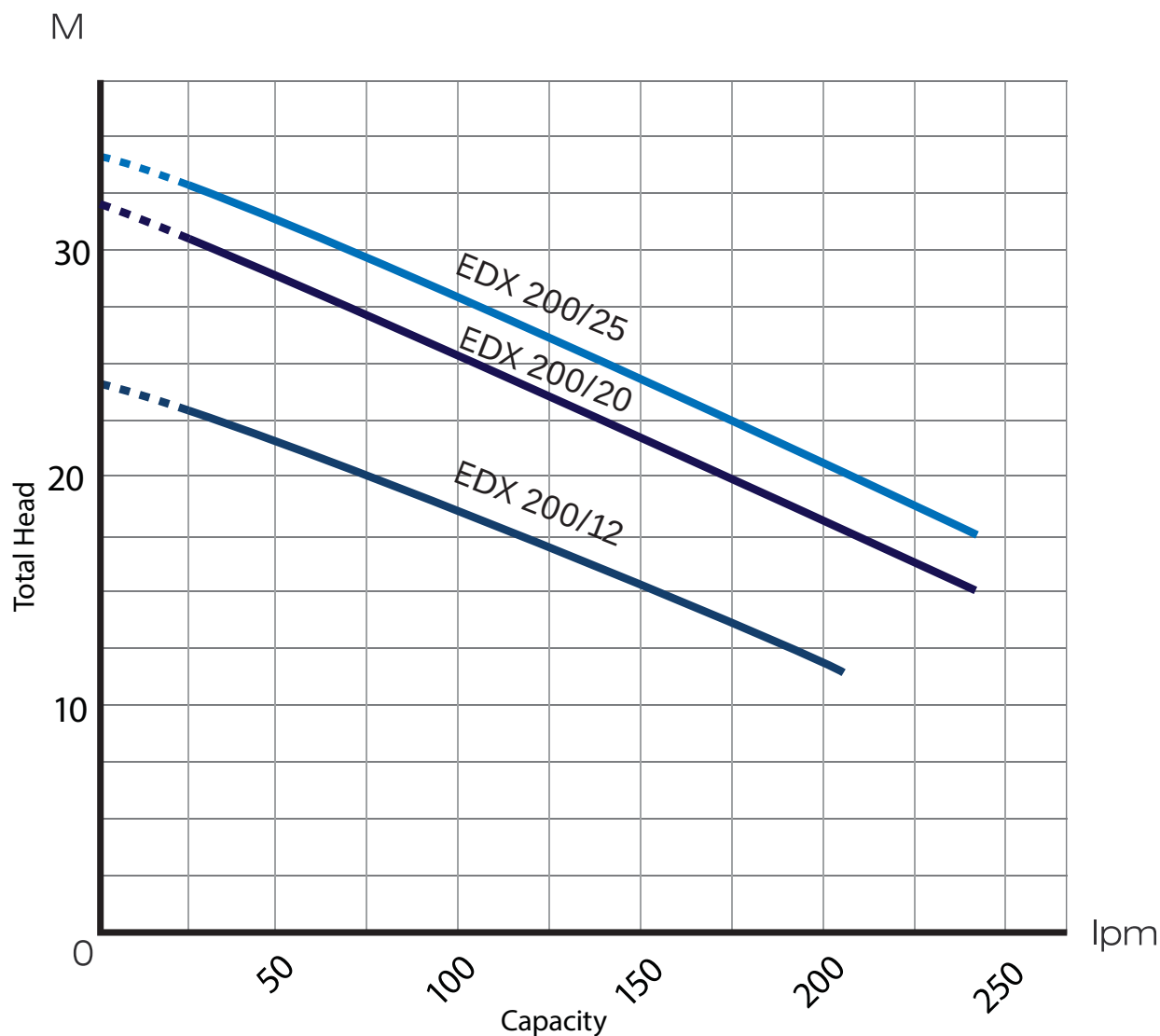
| MODEL     | CAPACITY (Q)         |      |      |      |      |      |      |      |
|-----------|----------------------|------|------|------|------|------|------|------|
|           | l/min                | 20   | 40   | 60   | 80   | 100  | 120  | 140  |
|           | m3/h                 | 1.2  | 2.4  | 3.6  | 4.8  | 6    | 7.2  | 8.4  |
| EDX-70/03 | H =<br>Total<br>Head | 11.5 | 10.8 | 9.8  | 8.5  | 7    | -    | -    |
| EDX-70/05 |                      | 19.7 | 18.1 | 16.1 | 14   | 11.5 | 9    | -    |
| EDX-70/07 |                      | 25.9 | 23.4 | 20.5 | 17.5 | 14.7 | 11.5 | 8.2  |
| EDX-90/10 |                      | 27.4 | 25.5 | 23.5 | 21.5 | 19.4 | 17.1 | 15.8 |

M



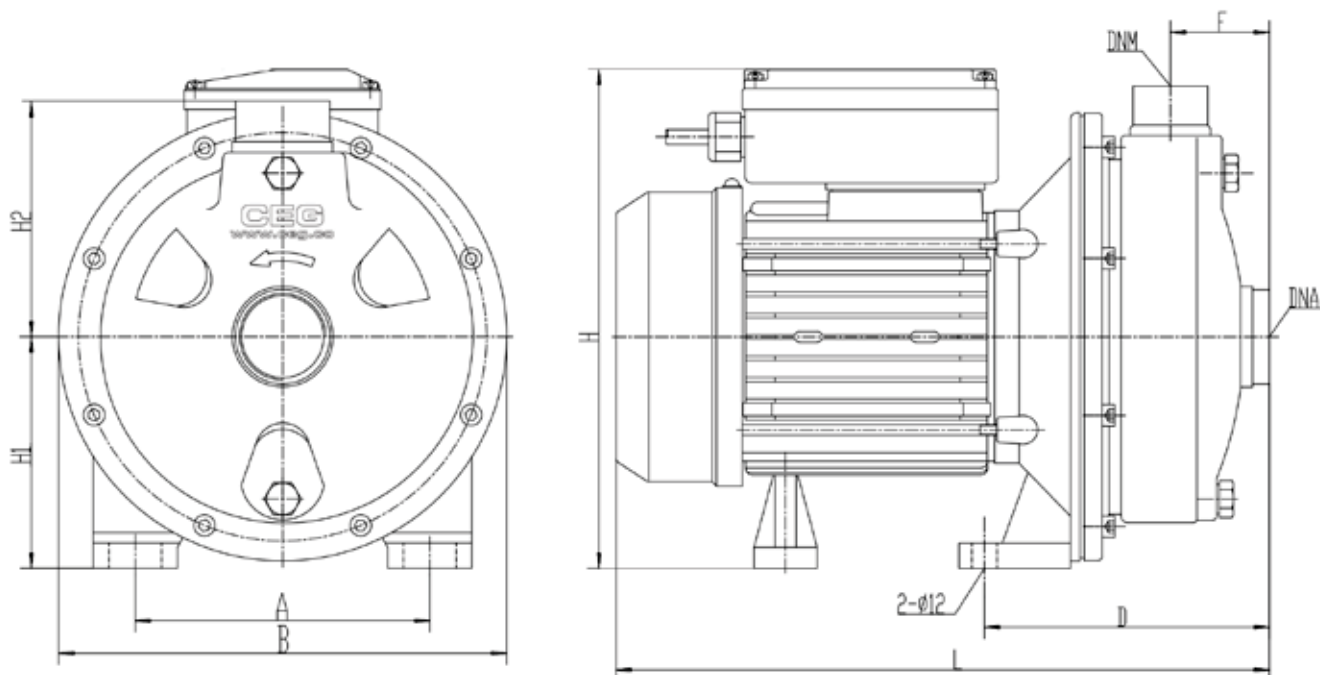
| MODEL      | POWER |      | CURRENT (A) |      |         |      | MAX HEAD | MAX CAPACITY | WEIGHT |
|------------|-------|------|-------------|------|---------|------|----------|--------------|--------|
|            | kW    | HP   | SINGLE Ø    |      | THREE Ø |      | m        | lpm          | kg     |
|            |       |      | µf          | 230V | 230V    | 400V |          |              |        |
| EDX-120/07 | 0.55  | 0.75 | 20          | 5.2  | 3.5     | 2    | 22.5     | 180          | 10.3   |
| EDX-120/12 | 0.9   | 1.2  | 25          | 6.8  | 5.2     | 3    | 30       | 175          | 15.6   |
| EDX-120/20 | 1.5   | 2.0  | 50          | 14   | 9       | 5.2  | 37       | 175          | 18.5   |

| MODEL      | CAPACITY (Q) |      |      |      |      |      |      |      |
|------------|--------------|------|------|------|------|------|------|------|
|            | l/min        | 25   | 50   | 75   | 100  | 125  | 150  | 175  |
|            | m3/h         | 1.5  | 3.0  | 4.5  | 6    | 7.5  | 9    | 10.5 |
| EDX-120/07 | H =          | 21.3 | 19.7 | 18   | 16.3 | 14.5 | 12.5 | 10.6 |
| EDX-120/12 | Total        | 28.5 | 26.3 | 23.8 | 21.2 | 18.2 | 15.2 | 12   |
| EDX-120/20 | Head         | 35.5 | 33.7 | 31.3 | 28.5 | 25   | 20.3 | 12   |



| MODEL      | POWER |     | CURRENT (A) |      |         |      | MAX HEAD | MAX CAPACITY | WEIGHT |
|------------|-------|-----|-------------|------|---------|------|----------|--------------|--------|
|            | kW    | HP  | SINGLE Ø    |      | THREE Ø |      | m        | lpm          | kg     |
|            |       |     | µf          | 230V | 230V    | 400V |          |              |        |
| EDX-200/12 | 0.9   | 1.2 | 25          | 6.8  | 5.2     | 3    | 24       | 210          | 16     |
| EDX-200/20 | 1.5   | 2.0 | 24          | 9.6  | 6.9     | 4    | 32       | 240          | 19.1   |
| EDX-200/25 | 1.85  | 2.5 | 50          | 14   | 9.1     | 5.3  | 34       | 240          | 21.3   |

| MODEL      | CAPACITY (Q)      |      |      |      |      |      |      |      |      |      |
|------------|-------------------|------|------|------|------|------|------|------|------|------|
|            | l/min             | 25   | 50   | 75   | 100  | 125  | 150  | 175  | 200  | 225  |
|            | m <sup>3</sup> /h | 1.5  | 3.0  | 4.5  | 6    | 7.5  | 9    | 10.5 | 12   | 13.5 |
| EDX-200/12 | H =               | 23   | 21.5 | 20   | 18.6 | 17   | 15.3 | 13.6 | 12   | -    |
| EDX-200/20 | Total             | 30.5 | 29.1 | 27.1 | 25.3 | 23.7 | 21.7 | 20   | 18.2 | 16.3 |
| EDX-200/25 | Head              | 32.8 | 31.5 | 29.6 | 28   | 26.3 | 24.5 | 22.5 | 20.7 | 18.7 |



| MODEL      | DIMENSIONS (mm) |     |     |    |     |     |     |     |       |     |
|------------|-----------------|-----|-----|----|-----|-----|-----|-----|-------|-----|
|            | A               | B   | D   | F  | L   | H   | H1  | H2  | DNA   | DNM |
| EDX-70/03  | 100             | 166 | 118 | 50 | 265 | 196 | 84  | 95  | G 1¼  | G 1 |
| EDX-70/05  | 140             | 213 | 138 | 49 | 315 | 237 | 110 | 122 | G 1¼  | G 1 |
| EDX-70/07  | 140             | 213 | 138 | 49 | 315 | 237 | 110 | 122 | G 1¼  | G 1 |
| EDX-90/10  | 140             | 213 | 138 | 49 | 315 | 237 | 110 | 122 | G 1¼  | G 1 |
| EDX-120/07 | 140             | 213 | 138 | 49 | 315 | 237 | 110 | 122 | G 1¼  | G 1 |
| EDX-120/12 | 140             | 213 | 138 | 49 | 337 | 251 | 110 | 122 | G 1¼  | G 1 |
| EDX-120/20 | 150             | 234 | 140 | 46 | 373 | 255 | 120 | 120 | G 1¼  | G 1 |
| EDX-200/12 | 140             | 213 | 138 | 49 | 337 | 251 | 110 | 112 | G 1 ½ | G 1 |
| EDX-200/20 | 140             | 213 | 138 | 49 | 366 | 255 | 110 | 112 | G 1 ½ | G 1 |
| EDX-200/25 | 140             | 213 | 138 | 49 | 366 | 255 | 110 | 112 | G 1 ½ | G 1 |