



# **APEC-SUN**

**End Suction Pump Closed Coupled**



## **APPLICATIONS:**

The EPC series single-stage single-suction horizontal centrifugal pump is used to convey clean water and the liquid with chemical and physical properties similar to water. It may be applied in water supply and drainage, air conditioning, fire fighting and agricultural irrigation for factories, mines and cities.

## **FEATURES:**

- The EPC series single-stage single-suction horizontal centrifugal pump is designed in accordance with EN733 (DIN24255).
- The EPC has simple structure, reliable performance, small volume, light weight, good pitting resistance, low power consumption and easy operation and maintenance.
- The EPC is open-back designed, it is easy to maintenance, when disassembly pump cover and impeller without taking down suction and discharge pipes.
- The EPC part are universally replaceable. The whole series have 46 models that only adopt six types of shafts. All parts may be universally exchanged.
- The pumps of the same specifications may have different performances (indicated with ABC on pump models) if changed in impeller outer diameters (cutting impeller).
- The pump rotates in the clockwise direction if viewed from the driven end.

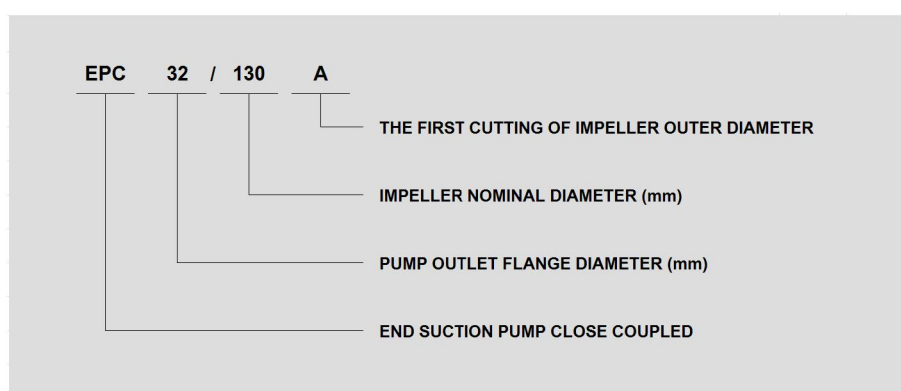
## **THE INSTRUCTION OF MAIN PARTS:**

- Pump case: foot support structure and spiral volute chamber, with volute chamber, foot, influent flange and discharge flange cast into an integrity. The flanges may be drilled accordance with international standard ISO2084 DN16 or as requirement.
- Impeller: closed impeller designed in the excellent hydraulic model to guarantee pump performance and efficiency. The dynamic balance test shall be conducted.
- Suspension fork (bearing part): the suspension fork is installed with bearing inside. There are totally 6 bearing specifications for the whole series. The bearings shall be lubricated by lubricating oil (for some specifications) or grease.
- Shaft seal: common structure for both mechanical seal and packing seal. Domestic and imported high-quality mechanical seal may also be adopted.
- Electrical motor: high-quality, high-efficiency and energysaving motor or other motors with special requirements may be adopted if necessary. The pump is driven directly by electrical motor with elastic coupling.

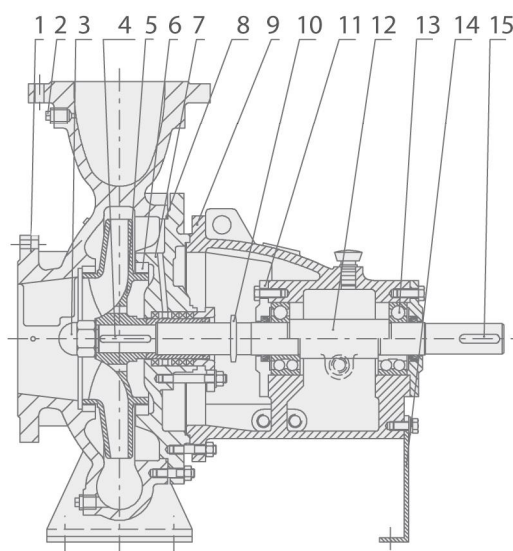
## WORKING CONDITION:

- Outlet: DN32 - DN300 mm.
- Capacity: 4.5 - 1660 m<sup>3</sup>/h.
- Head: 5.2 - 150 m.
- Rotation Speed: 1450 r/min and 2900 r/min (50HZ power supply) 1750 r/min and 3500 r/min (60HZ power supply).
- Conveyance Medium Temperature: -10 °C - 85 °C (consult us if the temperature is beyond the above scope).
- Working Pressure: 1.6 Mpa is standard, available for up to max working pressure 2.5 Mpa (please specify in your order).

## TYPE DESCRIPTION:



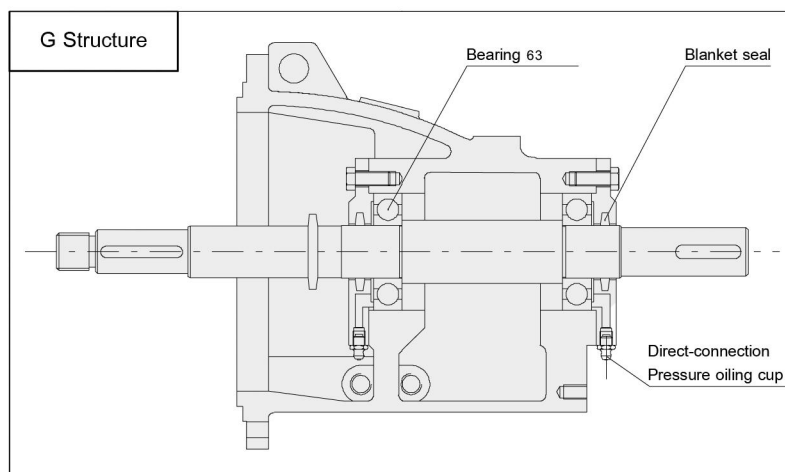
## CONSTRUCTION:



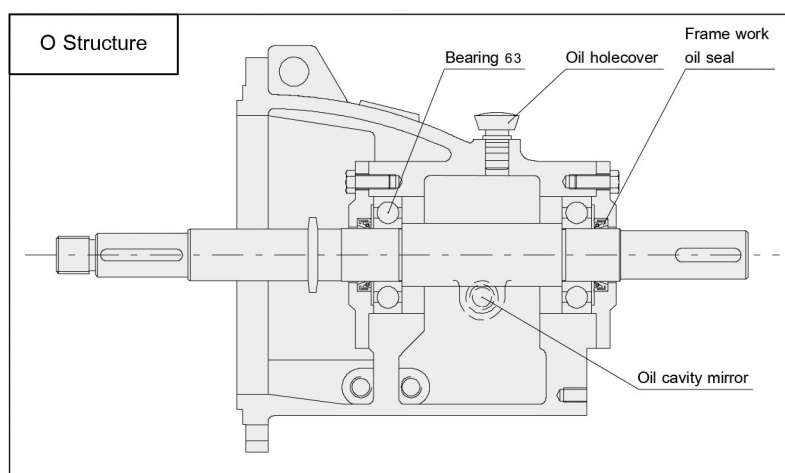
| NO. | NAME                     |
|-----|--------------------------|
| 01  | Pump Body                |
| 02  | Cap Nut                  |
| 03  | Pipe Plug                |
| 04  | Impeller Flat Key        |
| 05  | Impeller                 |
| 06  | Wear Ring                |
| 07  | Pump Cover               |
| 08  | Pump Body O-Ring         |
| 09  | Suspension               |
| 010 | Water Deflector          |
| 011 | Shaft Cap                |
| 012 | Shaft                    |
| 013 | Suspension Support       |
| 014 | Bearing                  |
| 015 | Pump Connection Flat Key |

## CONSTRUCTION FEATURES:

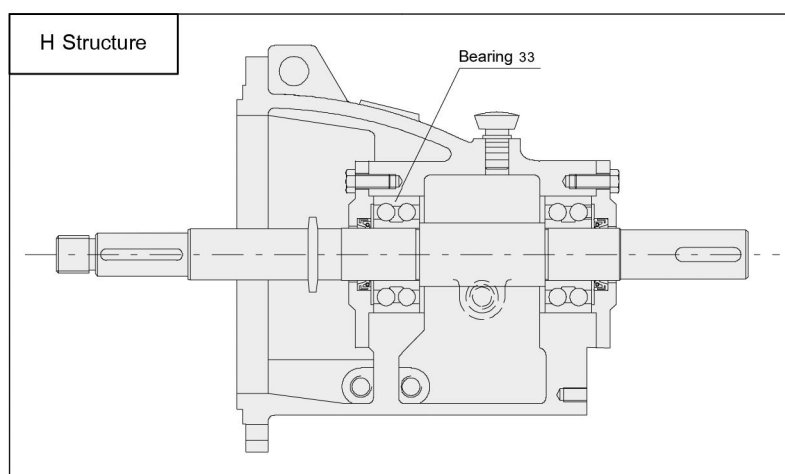
### - BEARING STRUCTURE AND LUBRICATION MODE



G structure: grease lubrication structure, suitable for all pump models (Standard)

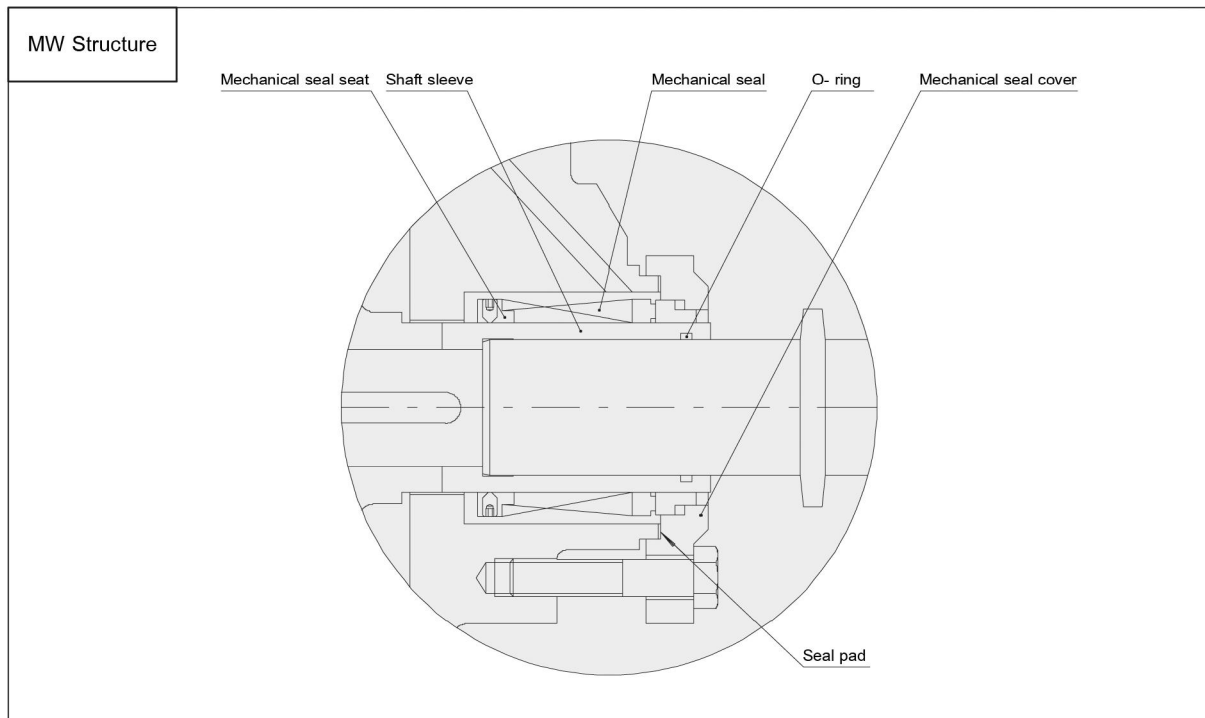


O structure: lubrication structure, suitable for all pump models (Optional)

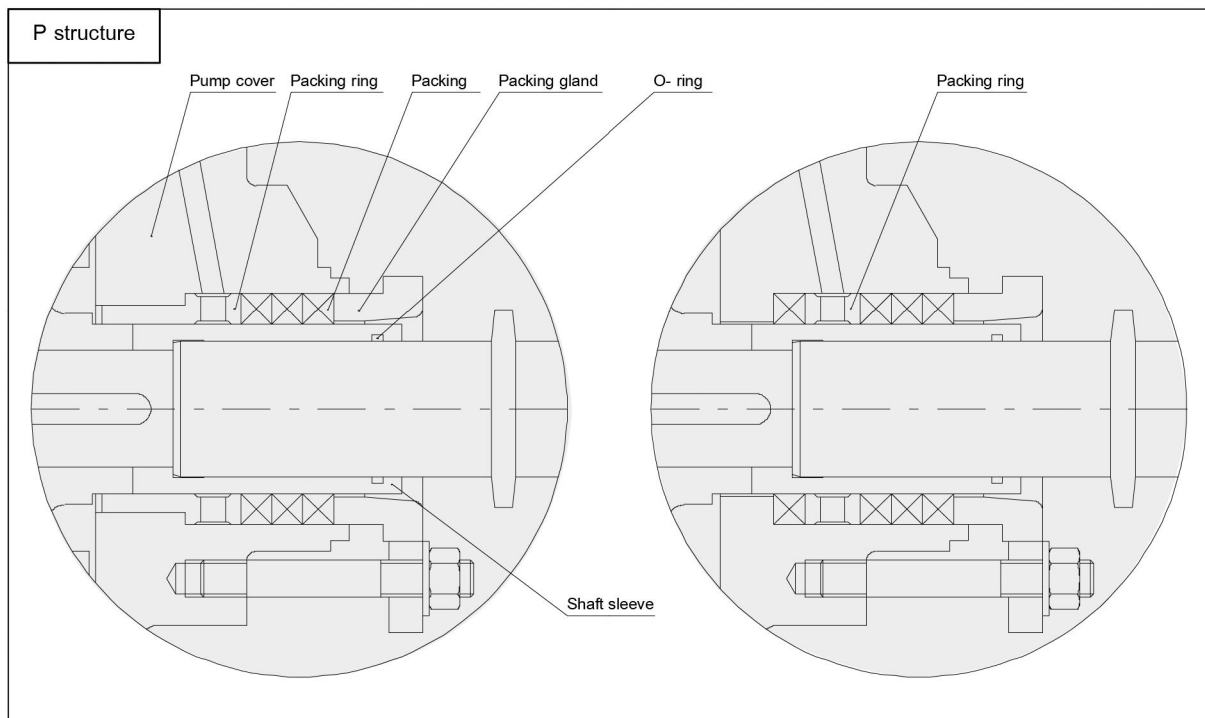


H structure: only suitable for pump models of EPC40/320, EPC50/320, EPC65/320 and EPC80/320

## - SHAFT SEAL STRUCTURE

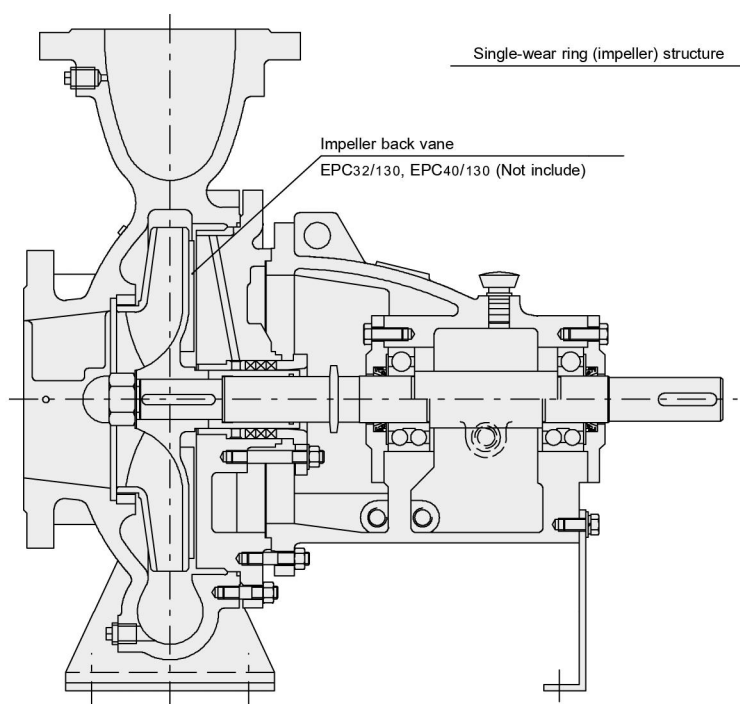


MW structure: outside-fitted non-equilibrium mechanical seal structure



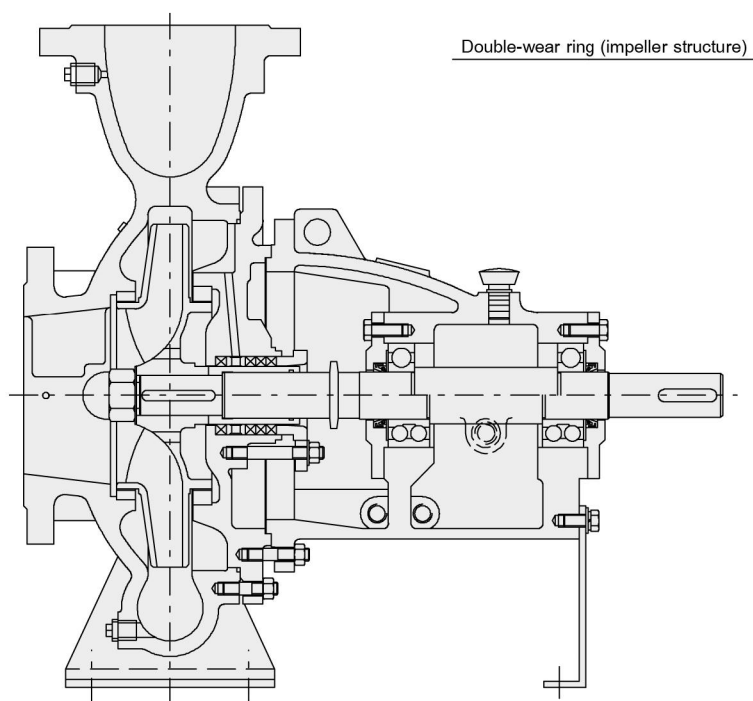
P structure: outside-fitted packing seal structure, mainly used in the place with small leakage

## - WEAR RING STRUCTURE



### PUMP SPECIFICATIONS

|            |
|------------|
| EPC32/130  |
| EPC40/130  |
| EPC50/130  |
| EPC65/130  |
| EPC32/160  |
| EPC40/160  |
| EPC50/160  |
| EPC65/160  |
| EPC80/160  |
| EPC32/200  |
| EPC40/200  |
| EPC50/200  |
| EPC65/200  |
| EPC80/200  |
| EPC100/200 |
| EPC125/200 |
| EPC32/260  |
| EPC40/260  |
| EPC50/260  |
| EPC65/260  |
| EPC80/260  |
| EPC100/260 |
| EPC125/260 |



### PUMP SPECIFICATIONS

|            |
|------------|
| EPC150/200 |
| EPC150/260 |
| EPC200/260 |
| EPC40/320  |
| EPC50/320  |
| EPC65/320  |
| EPC80/320  |
| EPC100/320 |
| EPC125/320 |
| EPC150/320 |
| EPC200/320 |
| EPC250/320 |
| EPC80/400  |
| EPC100/400 |
| EPC125/400 |
| EPC150/400 |
| EPC200/400 |
| EPC250/400 |
| EPC300/400 |
| EPC125/500 |
| EPC150/500 |
| EPC200/500 |
| EPC250/500 |

## THE MATERIAL OF MAIN PARTS:

| PART NAME        |          | MATERIAL          | MATERIAL                |        |          |                         |
|------------------|----------|-------------------|-------------------------|--------|----------|-------------------------|
|                  |          |                   | GB                      | CNS    | JIS      | DIN                     |
| Pump Casing      | Standard | Cast iron         | HT250                   | FC250  | FC25     | GG25                    |
|                  | Optional | Nodular cast iron | QT400                   | -      | FCD400   | GGG40                   |
|                  |          |                   | QT450                   | -      | FCD450   | GGG45                   |
|                  |          | Cast steel        | ZG35                    | SC480  | SC480    | DS-52                   |
|                  |          | Stainless steel   | 1Cr18Ni9Ti              | 321    | SUS321   | X12CrNiTi18-9           |
|                  |          |                   | 0Cr18Ni9                | 304    | SUS304   | X5GrNi18-10             |
| Shaft            | Standard | Cast copper       | ZCuAl10Fe3(ZQA19-4)     | -      | A1BC1    | G-CuAl10Fe              |
|                  |          | Stainless steel   | 2Cr13                   | 420J1  | SUS420J1 | X20Cr13                 |
|                  | Optional | Carbon steel      | 45                      | S45C   | S45C     | C45E                    |
|                  |          | Stainless steel   | 1Cr17Ni2                | 431    | SUS431   | X20CrNi17-2             |
|                  |          |                   | 1Cr18Ni9Ti              | 321    | SUS431   | X12CrNiTi18-9           |
| Impeller Wearing | Standard | Cast iron         | HT250                   | FC250  | FC25     | GG25                    |
|                  | Optional | Ductile cast iron | QT400                   | FCD400 | FCD400   | GGG40                   |
|                  |          |                   | QT450                   | FCD400 | FCD450   | GGG45                   |
|                  |          | Cast steel        | ZG35                    | SC480  | SC480    | DS-52                   |
|                  |          | Stainless steel   | 1Cr18Ni9Ti              | 321    | SUS321   | X12CrNiTi18-9           |
|                  |          |                   | 0Cr18Ni9                | 304    | SUS304   | X5GrNi18-10             |
|                  |          | Cast copper       | ZCuAl10Fe3(ZQA19-4)     | -      | A1BC1    | G-CuAl10Fe              |
|                  |          |                   | ZCuSn5Pb5Zn5(ZQSn5-5-5) | -      | BC6      | G-CuSn5Zn5Pb(2.1096.01) |
| Shaft sleeve     | Standard | Stainless steel   | 1Cr18Ni9Ti              |        | SUS321   | X12CrNiTi18-9           |
|                  | optional | Stainless steel   | 0Cr18Ni9                |        | SUS304   | X5GrNi18-10             |
|                  |          |                   | 0Cr18Ni12Mo12Ti         | -      | -        | X6CrNiMoTi17-12-2       |
| Shaft seal       | Standard | Gland packing     | -                       |        |          |                         |
|                  | optional | Mechanical seal   | Carbon-Ceramic-NBR      |        |          |                         |
|                  |          |                   | Silicon-Silicon-NBR     |        |          |                         |

## PERFORMANCE PARAMETERS:

| PUMP MODEL | SPEED   | CAPACITY             |       | HEAD  | EFF  | SHAFT POWER | NPSHr | SUCTION | DISCHARGE | WEIGHT |
|------------|---------|----------------------|-------|-------|------|-------------|-------|---------|-----------|--------|
|            | (r/min) | (m <sup>3</sup> /hr) | (l/s) | (m)   | (%)  | (kW)        | (m)   | (mm)    | (mm)      | (kg)   |
| EPC32/130  | 2900    | 9.00                 | 2.5   | 24.9  | 44.0 | 1.23        | 1.80  | 50      | 32        | 27.5   |
|            |         | 15.00                | 4.2   | 23.0  | 55.0 | 1.47        | 2.00  |         |           |        |
|            |         | 18.00                | 5.0   | 21.0  | 56.0 | 1.58        | 2.50  |         |           |        |
| EPC32/130A | 2900    | 8.50                 | 2.4   | 21.2  | 43.5 | 1.04        | 1.80  | 50      | 32        | 27.5   |
|            |         | 14.00                | 3.9   | 19.0  | 54.0 | 1.23        | 1.95  |         |           |        |
|            |         | 17.00                | 4.7   | 17.3  | 53.0 | 1.32        | 2.30  |         |           |        |
| EPC32/130B | 2900    | 7.80                 | 2.2   | 17.3  | 42.0 | 0.89        | 1.80  | 50      | 32        | 27.5   |
|            |         | 13.00                | 3.6   | 15.3  | 51.0 | 1.02        | 1.88  |         |           |        |
|            |         | 15.50                | 4.3   | 13.8  | 52.0 | 1.07        | 2.08  |         |           |        |
| EPC32/160  | 2900    | 10.80                | 3.0   | 40.0  | 47.0 | 2.50        | 1.20  | 50      | 32        | 35     |
|            |         | 18.00                | 5.0   | 38.5  | 58.5 | 3.23        | 2.00  |         |           |        |
|            |         | 21.60                | 6.0   | 36.0  | 59.0 | 3.59        | 2.60  |         |           |        |
| EPC32/160A | 2900    | 10.50                | 2.9   | 35.7  | 46.0 | 2.22        | 1.90  | 50      | 32        | 35     |
|            |         | 17.00                | 4.7   | 33.0  | 55.0 | 2.78        | 1.95  |         |           |        |
|            |         | 21.00                | 5.8   | 30.0  | 56.0 | 3.06        | 2.20  |         |           |        |
| EPC32/160B | 2900    | 9.80                 | 2.7   | 32.4  | 44.0 | 1.97        | 1.30  | 50      | 32        | 35     |
|            |         | 16.00                | 4.4   | 29.5  | 53.0 | 2.43        | 1.90  |         |           |        |
|            |         | 19.50                | 5.4   | 27.0  | 54.0 | 2.66        | 2.30  |         |           |        |
| EPC32/200  | 2900    | 10.80                | 3.0   | 66.0  | 43.0 | 4.51        | 1.80  | 50      | 32        | 41     |
|            |         | 18.00                | 5.0   | 61.5  | 52.5 | 5.74        | 1.95  |         |           |        |
|            |         | 21.60                | 6.0   | 57.0  | 53.5 | 6.27        | 2.20  |         |           |        |
| EPC32/200A | 2900    | 10.20                | 2.8   | 58.2  | 40.0 | 4.04        | 1.80  | 50      | 32        | 41     |
|            |         | 17.00                | 4.7   | 55.8  | 53.0 | 4.87        | 1.90  |         |           |        |
|            |         | 20.40                | 5.7   | 52.2  | 53.0 | 5.47        | 2.15  |         |           |        |
| EPC32/200B | 2900    | 9.90                 | 2.8   | 51.5  | 38.0 | 3.65        | 1.80  | 50      | 32        | 41     |
|            |         | 16.50                | 4.6   | 48.0  | 49.0 | 4.40        | 2.70  |         |           |        |
|            |         | 19.80                | 5.5   | 45.0  | 48.8 | 4.97        | 3.30  |         |           |        |
| EPC32/260  | 2900    | 13.20                | 3.7   | 102.0 | 32.7 | 11.21       | 2.10  | 50      | 32        | 59     |
|            |         | 22.00                | 6.1   | 96.0  | 40.8 | 14.10       | 2.20  |         |           |        |
|            |         | 26.40                | 7.3   | 89.0  | 41.0 | 15.61       | 2.50  |         |           |        |
| EPC32/260A | 2900    | 12.60                | 3.5   | 92.5  | 31.4 | 10.11       | 2.15  | 50      | 32        | 59     |
|            |         | 21.00                | 5.8   | 88.0  | 40.0 | 12.58       | 2.16  |         |           |        |
|            |         | 25.20                | 7.0   | 83.0  | 41.0 | 13.89       | 2.38  |         |           |        |
| EPC32/260B | 2900    | 12.30                | 3.4   | 84.5  | 30.0 | 9.43        | 1.80  | 50      | 32        | 59     |
|            |         | 20.50                | 5.7   | 81.0  | 38.5 | 11.75       | 2.00  |         |           |        |
|            |         | 24.60                | 6.8   | 77.0  | 40.0 | 12.90       | 2.40  |         |           |        |
| EPC40/130  | 2900    | 18.00                | 5.0   | 26.0  | 61.0 | 2.09        | 1.80  | 65      | 40        | 30     |
|            |         | 30.00                | 8.3   | 24.5  | 75.5 | 2.65        | 2.00  |         |           |        |
|            |         | 36.00                | 10.0  | 23.0  | 77.5 | 2.91        | 2.40  |         |           |        |
| EPC40/130A | 2900    | 16.80                | 4.7   | 22.5  | 59.0 | 1.74        | 1.80  | 65      | 40        | 30     |
|            |         | 28.00                | 7.8   | 21.0  | 70.0 | 2.29        | 2.00  |         |           |        |
|            |         | 33.60                | 9.3   | 20.0  | 72.0 | 2.54        | 2.25  |         |           |        |
| EPC40/130B | 2900    | 15.50                | 4.3   | 18.5  | 53.0 | 1.47        | 1.80  | 65      | 40        | 30     |
|            |         | 26.00                | 7.2   | 17.5  | 65.0 | 1.91        | 1.90  |         |           |        |
|            |         | 31.00                | 8.6   | 16.5  | 65.0 | 2.14        | 2.15  |         |           |        |
| EPC40/160  | 2900    | 18.00                | 5.0   | 41.0  | 54.0 | 3.72        | 2.10  | 65      | 40        | 36     |
|            |         | 30.00                | 8.3   | 38.5  | 64.0 | 4.91        | 2.50  |         |           |        |
|            |         | 36.00                | 10.0  | 35.5  | 64.5 | 5.40        | 3.60  |         |           |        |
| EPC40/160A | 2900    | 17.00                | 4.7   | 36.0  | 52.0 | 3.21        | 2.10  | 65      | 40        | 36     |
|            |         | 28.50                | 7.9   | 33.5  | 65.0 | 4.00        | 2.50  |         |           |        |
|            |         | 34.00                | 9.4   | 31.0  | 62.0 | 4.63        | 3.25  |         |           |        |
| EPC40/160B | 2900    | 16.00                | 4.4   | 31.5  | 48.0 | 2.86        | 2.05  | 65      | 40        | 36     |
|            |         | 26.50                | 7.4   | 29.0  | 62.0 | 3.52        | 2.40  |         |           |        |
|            |         | 32.00                | 8.9   | 25.5  | 59.0 | 3.77        | 2.90  |         |           |        |
| EPC40/200  | 2900    | 18.00                | 5.0   | 64.0  | 48.0 | 6.54        | 1.85  | 65      | 40        | 44     |
|            |         | 30.00                | 8.3   | 61.0  | 59.5 | 8.38        | 2.00  |         |           |        |
|            |         | 36.00                | 10.0  | 58.6  | 62.0 | 9.27        | 2.70  |         |           |        |

## PERFORMANCE PARAMETERS:

| PUMP MODEL                | SPEED   | CAPACITY             |       | HEAD  | EFF  | SHAFT POWER | NPSHr | SUCTION | DISCHARGE | WEIGHT |
|---------------------------|---------|----------------------|-------|-------|------|-------------|-------|---------|-----------|--------|
|                           | (r/min) | (m <sup>3</sup> /hr) | (l/s) | (m)   | (%)  | (kW)        | (m)   | (mm)    | (mm)      | (kg)   |
| EPC40/200A                | 2900    | 17.00                | 4.7   | 58.5  | 48.5 | 5.58        | 1.80  | 65      | 40        | 44     |
|                           |         | 29.00                | 8.1   | 56.0  | 61.0 | 7.25        | 1.95  |         |           |        |
|                           |         | 34.50                | 9.6   | 53.5  | 63.0 | 7.98        | 2.45  |         |           |        |
| EPC40/200B                | 2900    | 16.50                | 4.6   | 52.5  | 46.0 | 5.13        | 1.80  | 65      | 40        | 44     |
|                           |         | 27.50                | 7.6   | 49.0  | 59.0 | 6.22        | 1.90  |         |           |        |
|                           |         | 33.00                | 9.2   | 47.0  | 61.0 | 6.92        | 2.20  |         |           |        |
| EPC40/260                 | 2900    | 21.60                | 6.0   | 98.5  | 45.0 | 12.88       | 1.80  | 65      | 40        | 61     |
|                           |         | 36.00                | 10.0  | 95.5  | 56.0 | 16.72       | 2.00  |         |           |        |
|                           |         | 43.20                | 12.0  | 91.0  | 59.0 | 18.15       | 2.50  |         |           |        |
| EPC40/260A                | 2900    | 19.50                | 5.4   | 89.0  | 42.0 | 11.25       | 1.80  | 65      | 40        | 61     |
|                           |         | 32.00                | 8.9   | 87.0  | 53.0 | 14.31       | 1.95  |         |           |        |
|                           |         | 38.50                | 10.7  | 84.0  | 55.0 | 16.01       | 2.35  |         |           |        |
| EPC40/260B                | 2900    | 18.50                | 5.1   | 80.0  | 40.0 | 10.08       | 1.80  | 65      | 40        | 61     |
|                           |         | 30.50                | 8.5   | 78.0  | 53.0 | 12.22       | 1.90  |         |           |        |
|                           |         | 37.00                | 10.3  | 76.0  | 54.0 | 14.18       | 2.20  |         |           |        |
| EPC40/320                 | 2900    | 21.60                | 6.0   | 150.0 | 34.0 | 25.95       | 2.00  | 65      | 40        | 95.8   |
|                           |         | 36.00                | 10.0  | 139.0 | 44.0 | 30.97       | 2.80  |         |           |        |
|                           |         | 43.20                | 12.0  | 127.0 | 45.0 | 33.20       | 3.80  |         |           |        |
| EPC40/320A                | 2900    | 19.44                | 5.4   | 124.0 | 34.0 | 19.31       | 1.90  | 65      | 40        | 95.8   |
|                           |         | 32.40                | 9.0   | 115.0 | 43.0 | 23.60       | 2.90  |         |           |        |
|                           |         | 38.88                | 10.8  | 107.0 | 44.0 | 25.75       | 3.80  |         |           |        |
| EPC40/320B                | 2900    | 17.28                | 4.8   | 109.0 | 32.0 | 16.03       | 1.70  | 65      | 40        | 95.8   |
|                           |         | 28.80                | 8.0   | 102.0 | 41.0 | 19.51       | 2.60  |         |           |        |
|                           |         | 34.56                | 9.6   | 95.0  | 42.0 | 21.29       | 3.20  |         |           |        |
| EPC50/130                 | 2900    | 36.00                | 10.0  | 26.0  | 67.5 | 3.78        | 2.50  | 65      | 50        | 34     |
|                           |         | 60.00                | 16.7  | 23.5  | 76.0 | 5.05        | 3.20  |         |           |        |
|                           |         | 72.00                | 20.0  | 21.5  | 74.5 | 5.66        | 4.00  |         |           |        |
| EPC50/130A                | 2900    | 33.50                | 9.3   | 21.5  | 64.5 | 3.04        | 2.50  | 65      | 50        | 34     |
|                           |         | 56.00                | 15.6  | 18.5  | 70.5 | 4.00        | 3.10  |         |           |        |
|                           |         | 67.50                | 18.8  | 15.5  | 65.5 | 4.35        | 3.60  |         |           |        |
| EPC50/130B                | 2900    | 31.00                | 8.6   | 18.5  | 61.0 | 2.56        | 2.50  | 65      | 50        | 34     |
|                           |         | 52.00                | 14.4  | 16.5  | 70.0 | 3.34        | 2.90  |         |           |        |
|                           |         | 62.00                | 17.2  | 15.0  | 69.0 | 3.67        | 3.30  |         |           |        |
| EPC50/160                 | 2900    | 40.00                | 11.1  | 42.5  | 68.5 | 6.76        | 2.50  | 65      | 50        | 38     |
|                           |         | 65.00                | 18.1  | 39.0  | 76.0 | 9.08        | 3.50  |         |           |        |
|                           |         | 78.00                | 21.7  | 35.5  | 73.5 | 10.26       | 4.20  |         |           |        |
| EPC50/160A                | 2900    | 38.00                | 10.6  | 38.0  | 70.0 | 5.62        | 2.50  | 65      | 50        | 38     |
|                           |         | 61.50                | 17.1  | 34.5  | 76.0 | 7.60        | 3.30  |         |           |        |
|                           |         | 74.00                | 20.6  | 30.0  | 74.0 | 8.17        | 3.90  |         |           |        |
| EPC50/160B                | 2900    | 35.50                | 9.9   | 34.0  | 71.0 | 4.63        | 2.35  | 65      | 50        | 38     |
|                           |         | 58.00                | 16.1  | 30.5  | 75.0 | 6.42        | 3.10  |         |           |        |
|                           |         | 69.50                | 19.3  | 28.0  | 73.0 | 7.26        | 3.70  |         |           |        |
| EPC50/200                 | 2900    | 36.00                | 10.0  | 61.0  | 64.0 | 9.34        | 1.90  | 65      | 50        | 46     |
|                           |         | 60.00                | 16.7  | 55.0  | 70.0 | 12.84       | 3.20  |         |           |        |
|                           |         | 72.00                | 20.0  | 51.0  | 69.5 | 14.39       | 4.10  |         |           |        |
| EPC50/200A                | 2900    | 34.50                | 9.6   | 57.0  | 60.0 | 8.93        | 2.50  | 65      | 50        | 46     |
|                           |         | 57.50                | 16.0  | 53.0  | 72.0 | 11.53       | 3.10  |         |           |        |
|                           |         | 69.00                | 19.2  | 50.5  | 73.0 | 13.00       | 3.75  |         |           |        |
| EPC50/200B                | 2900    | 33.00                | 9.2   | 49.5  | 62.0 | 7.18        | 2.50  | 65      | 50        | 46     |
|                           |         | 54.50                | 15.1  | 43.0  | 68.0 | 9.39        | 3.00  |         |           |        |
|                           |         | 65.50                | 18.2  | 38.0  | 66.0 | 10.27       | 3.50  |         |           |        |
| EPC50/260<br>EPC50/260G   | 2900    | 40.00                | 11.1  | 103.0 | 54.0 | 20.78       | 2.50  | 65      | 50        | 63     |
|                           |         | 65.00                | 18.1  | 97.5  | 63.5 | 27.18       | 3.50  |         |           |        |
|                           |         | 78.00                | 21.7  | 91.0  | 63.0 | 30.68       | 4.20  |         |           |        |
| EPC50/260A<br>EPC50/260GA | 2900    | 38.50                | 10.7  | 91.5  | 50.0 | 19.19       | 2.40  | 65      | 50        | 63     |
|                           |         | 63.00                | 17.5  | 85.5  | 60.0 | 24.45       | 3.30  |         |           |        |
|                           |         | 75.50                | 21.0  | 80.0  | 61.5 | 26.75       | 3.90  |         |           |        |

## PERFORMANCE PARAMETERS:

| PUMP MODEL  | SPEED   | CAPACITY             |       | HEAD  | EFF  | SHAFT POWER | NPSHr | SUCTION | DISCHARGE | WEIGHT |
|-------------|---------|----------------------|-------|-------|------|-------------|-------|---------|-----------|--------|
|             | (r/min) | (m <sup>3</sup> /hr) | (l/s) | (m)   | (%)  | (kW)        | (m)   | (mm)    | (mm)      | (kg)   |
| EPC50/260B  | 2900    | 37.00                | 10.3  | 84.0  | 50.0 | 16.93       | 2.30  | 65      | 50        | 63     |
| EPC50/260GB |         | 60.50                | 16.8  | 77.0  | 60.0 | 21.14       | 3.20  |         |           |        |
|             |         | 72.50                | 20.1  | 71.0  | 58.0 | 24.17       | 3.90  |         |           |        |
| EPC50/320   | 2900    | 54.00                | 15.0  | 146.0 | 53.0 | 40.51       | 3.50  | 65      | 50        | 101    |
|             |         | 90.00                | 25.0  | 137.0 | 61.0 | 55.05       | 7.00  |         |           |        |
|             |         | 108.00               | 30.0  | 130.0 | 62.0 | 61.67       | 8.00  |         |           |        |
| EPC50/320A  | 2900    | 48.60                | 13.5  | 130.0 | 50.0 | 34.41       | 3.30  | 65      | 50        | 101    |
|             |         | 81.00                | 22.5  | 124.0 | 60.0 | 45.59       | 6.50  |         |           |        |
|             |         | 97.20                | 27.0  | 117.0 | 61.0 | 50.77       | 7.50  |         |           |        |
| EPC50/320B  | 2900    | 46.80                | 13.0  | 105.0 | 52.0 | 25.74       | 2.50  | 65      | 50        | 101    |
|             |         | 78.12                | 21.7  | 98.0  | 59.5 | 35.04       | 5.00  |         |           |        |
|             |         | 93.60                | 26.0  | 91.0  | 59.0 | 39.32       | 6.50  |         |           |        |
| EPC65/130   | 2900    | 60.00                | 16.7  | 25.5  | 69.0 | 6.27        | 3.00  | 80      | 65        | 39     |
|             |         | 100.00               | 27.8  | 21.0  | 70.0 | 8.17        | 3.50  |         |           |        |
|             |         | 120.00               | 33.3  | 16.0  | 59.0 | 8.86        | 4.50  |         |           |        |
| EPC65/130A  | 2900    | 56.00                | 15.6  | 21.8  | 65.0 | 5.11        | 3.00  | 80      | 65        | 39     |
|             |         | 93.50                | 26.0  | 17.5  | 70.0 | 6.37        | 3.50  |         |           |        |
|             |         | 112.50               | 31.3  | 13.0  | 57.0 | 6.99        | 4.10  |         |           |        |
| EPC65/130B  | 2900    | 52.00                | 14.4  | 18.0  | 62.5 | 4.08        | 3.00  | 80      | 65        | 39     |
|             |         | 86.50                | 24.0  | 13.7  | 66.0 | 4.89        | 3.30  |         |           |        |
|             |         | 104.00               | 28.9  | 10.6  | 57.0 | 5.27        | 3.75  |         |           |        |
| EPC65/160   | 2900    | 64.80                | 18.0  | 39.0  | 69.0 | 9.97        | 3.60  | 80      | 65        | 43     |
|             |         | 108.00               | 30.0  | 33.5  | 77.5 | 12.71       | 4.20  |         |           |        |
|             |         | 129.60               | 36.0  | 29.0  | 72.0 | 14.22       | 5.20  |         |           |        |
| EPC65/160A  | 2900    | 57.00                | 15.8  | 34.0  | 63.0 | 8.38        | 3.60  | 80      | 65        | 43     |
|             |         | 95.00                | 26.4  | 30.5  | 74.0 | 10.66       | 4.10  |         |           |        |
|             |         | 114.00               | 31.7  | 27.0  | 71.0 | 11.81       | 4.80  |         |           |        |
| EPC65/160B  | 2900    | 53.50                | 14.9  | 30.0  | 60.0 | 7.28        | 3.60  | 80      | 65        | 43     |
|             |         | 89.00                | 24.7  | 25.5  | 70.0 | 8.83        | 3.95  |         |           |        |
|             |         | 107.00               | 29.7  | 22.5  | 69.0 | 9.50        | 4.50  |         |           |        |
| EPC65/200   | 2900    | 66.00                | 18.3  | 64.0  | 65.0 | 17.70       | 3.00  | 80      | 65        | 70     |
| EPC65/200G  |         | 110.00               | 30.6  | 59.0  | 74.5 | 23.72       | 3.90  |         |           |        |
|             |         | 132.00               | 36.7  | 54.5  | 73.5 | 26.66       | 5.30  |         |           |        |
| EPC65/200A  | 2900    | 63.00                | 17.5  | 60.0  | 64.0 | 16.08       | 3.00  | 80      | 65        | 70     |
| EPC65/200GA |         | 105.50               | 29.3  | 55.5  | 74.0 | 21.55       | 3.90  |         |           |        |
|             |         | 126.50               | 35.1  | 52.0  | 73.5 | 24.37       | 5.30  |         |           |        |
| EPC65/200B  | 2900    | 60.00                | 16.7  | 50.0  | 62.0 | 13.18       | 3.00  | 80      | 65        | 70     |
| EPC65/200GB |         | 100.00               | 27.8  | 45.5  | 75.5 | 16.41       | 3.60  |         |           |        |
|             |         | 120.00               | 33.3  | 42.0  | 75.0 | 18.30       | 4.40  |         |           |        |
| EPC65/260   | 2900    | 72.00                | 20.0  | 98.0  | 64.5 | 29.79       | 3.30  | 80      | 65        | 81     |
|             |         | 120.00               | 33.3  | 90.0  | 73.0 | 42.29       | 4.50  |         |           |        |
|             |         | 144.00               | 40.0  | 83.0  | 73.0 | 44.59       | 5.40  |         |           |        |
| EPC65/260A  | 2900    | 69.50                | 19.3  | 92.0  | 65.0 | 26.79       | 3.25  | 80      | 65        | 81     |
|             |         | 116.00               | 32.2  | 86.0  | 70.0 | 38.81       | 4.40  |         |           |        |
|             |         | 139.00               | 38.6  | 79.0  | 72.0 | 41.53       | 4.95  |         |           |        |
| EPC65/260B  | 2900    | 67.00                | 18.6  | 82.5  | 63.0 | 23.89       | 3.20  | 80      | 65        | 81     |
|             |         | 111.50               | 31.0  | 76.0  | 71.0 | 32.50       | 4.25  |         |           |        |
|             |         | 133.50               | 37.1  | 71.0  | 70.0 | 36.88       | 4.95  |         |           |        |
| EPC65/320   | 2900    | 81.00                | 22.5  | 147.0 | 54.0 | 60.05       | 3.80  | 80      | 65        | 110    |
|             |         | 135.00               | 37.5  | 131.0 | 63.0 | 76.45       | 4.40  |         |           |        |
|             |         | 162.00               | 45.0  | 115.0 | 60.0 | 84.56       | 5.50  |         |           |        |
| EPC65/320A  | 2900    | 81.00                | 22.5  | 120.0 | 55.0 | 48.13       | 3.70  | 80      | 65        | 110    |
|             |         | 135.00               | 37.5  | 108.0 | 62.0 | 64.04       | 4.30  |         |           |        |
|             |         | 162.00               | 45.0  | 97.0  | 58.0 | 73.78       | 5.20  |         |           |        |
| EPC65/320B  | 2900    | 81.00                | 22.5  | 107.0 | 59.0 | 40.00       | 3.50  | 80      | 65        | 110    |
|             |         | 135.00               | 37.5  | 94.0  | 61.0 | 56.65       | 4.30  |         |           |        |
|             |         | 162.00               | 45.0  | 83.0  | 54.0 | 67.81       | 4.80  |         |           |        |

## PERFORMANCE PARAMETERS:

| PUMP MODEL   | SPEED   | CAPACITY             |       | HEAD  | EFF  | SHAFT POWER | NPSHr | SUCTION | DISCHARGE | WEIGHT |
|--------------|---------|----------------------|-------|-------|------|-------------|-------|---------|-----------|--------|
|              | (r/min) | (m <sup>3</sup> /hr) | (l/s) | (m)   | (%)  | (kW)        | (m)   | (mm)    | (mm)      | (kg)   |
| EPC80/160    | 2900    | 100.00               | 27.8  | 39.5  | 71.0 | 15.15       | 3.30  | 100     | 80        | 54     |
| EPC80/160G   |         | 162.00               | 45.0  | 35.0  | 78.0 | 19.80       | 4.00  |         |           |        |
|              |         | 195.00               | 54.2  | 31.0  | 75.0 | 21.95       | 5.00  |         |           |        |
| EPC80/160A   | 2900    | 95.00                | 26.4  | 33.0  | 65.0 | 13.13       | 3.30  | 100     | 80        | 54     |
| EPC80/160GA  |         | 153.50               | 42.6  | 28.0  | 72.0 | 16.26       | 3.85  |         |           |        |
|              |         | 185.00               | 51.4  | 24.0  | 68.0 | 17.78       | 4.60  |         |           |        |
| EPC80/160B   | 2900    | 89.00                | 24.7  | 29.5  | 64.0 | 11.17       | 3.25  | 100     | 80        | 54     |
|              |         | 144.50               | 40.1  | 25.0  | 74.0 | 13.29       | 3.70  |         |           |        |
|              |         | 174.00               | 48.3  | 21.0  | 70.0 | 14.22       | 4.30  |         |           |        |
| EPC80/200    | 2900    | 115.00               | 31.9  | 60.0  | 70.0 | 26.84       | 4.00  | 100     | 80        | 70     |
|              |         | 190.00               | 52.8  | 55.0  | 78.0 | 36.49       | 5.10  |         |           |        |
|              |         | 225.00               | 62.5  | 50.0  | 74.5 | 41.12       | 6.20  |         |           |        |
| EPC80/200A   | 2900    | 110.00               | 30.6  | 57.0  | 68.0 | 25.11       | 4.00  | 100     | 80        | 70     |
|              |         | 182.00               | 50.6  | 53.5  | 77.0 | 34.44       | 4.90  |         |           |        |
|              |         | 215.50               | 59.9  | 44.5  | 70.0 | 37.31       | 5.85  |         |           |        |
| EPC80/200B   | 2900    | 105.00               | 29.2  | 49.5  | 68.0 | 20.82       | 4.00  | 100     | 80        | 70     |
|              |         | 173.00               | 48.1  | 45.0  | 76.0 | 27.90       | 4.70  |         |           |        |
|              |         | 205.00               | 56.9  | 40.0  | 70.0 | 31.90       | 5.50  |         |           |        |
| EPC80/260    | 2900    | 115.00               | 31.9  | 97.0  | 65.0 | 46.74       | 4.00  | 100     | 80        | 91     |
|              |         | 190.00               | 52.8  | 88.0  | 75.0 | 60.71       | 5.40  |         |           |        |
|              |         | 225.00               | 62.5  | 81.0  | 73.5 | 67.53       | 6.50  |         |           |        |
| EPC80/260A   | 2900    | 111.00               | 30.8  | 91.5  | 63.0 | 43.90       | 3.95  | 100     | 80        | 91     |
|              |         | 183.50               | 51.0  | 81.5  | 75.0 | 54.30       | 5.20  |         |           |        |
|              |         | 217.50               | 60.4  | 73.0  | 73.0 | 59.23       | 6.25  |         |           |        |
| EPC80/260B   | 2900    | 106.50               | 29.6  | 79.0  | 61.0 | 37.56       | 3.90  | 100     | 80        | 91     |
|              |         | 176.50               | 49.0  | 68.5  | 73.0 | 45.10       | 5.00  |         |           |        |
|              |         | 209.00               | 58.1  | 60.0  | 71.0 | 48.10       | 6.00  |         |           |        |
| EPC80/320    | 2900    | 126.00               | 35.0  | 146.0 | 64.0 | 78.28       | 5.60  | 100     | 80        | 120    |
|              |         | 210.00               | 58.3  | 134.0 | 74.0 | 103.56      | 6.30  |         |           |        |
|              |         | 252.00               | 70.0  | 121.0 | 73.0 | 113.75      | 7.00  |         |           |        |
| EPC80/320A   | 2900    | 117.00               | 32.5  | 125.0 | 62.0 | 64.24       | 6.10  | 100     | 80        | 120    |
|              |         | 195.00               | 54.2  | 114.0 | 73.0 | 82.93       | 6.30  |         |           |        |
|              |         | 234.00               | 65.0  | 103.0 | 72.0 | 91.16       | 6.90  |         |           |        |
| EPC80/320B   | 2900    | 108.00               | 30.0  | 104.0 | 64.0 | 47.79       | 5.00  | 100     | 80        | 120    |
|              |         | 180.00               | 50.0  | 95.0  | 73.0 | 63.79       | 5.80  |         |           |        |
|              |         | 216.00               | 60.0  | 85.0  | 70.0 | 71.43       | 6.30  |         |           |        |
| EPC100/200   | 2900    | 180.00               | 50.0  | 61.0  | 72.0 | 41.53       | 4.00  | 125     | 100       | 85     |
|              |         | 295.00               | 81.9  | 51.5  | 79.0 | 52.37       | 5.30  |         |           |        |
|              |         | 340.00               | 94.4  | 42.0  | 74.0 | 52.55       | 6.30  |         |           |        |
| EPC100/200A  | 2900    | 172.50               | 47.9  | 51.0  | 69.0 | 34.72       | 3.95  | 125     | 100       | 85     |
|              |         | 273.00               | 75.8  | 42.0  | 74.0 | 42.20       | 4.90  |         |           |        |
|              |         | 325.50               | 90.4  | 36.0  | 69.0 | 46.25       | 5.95  |         |           |        |
| EPC100/200B  | 2900    | 164.00               | 45.6  | 46.0  | 68.0 | 30.21       | 3.90  | 125     | 100       | 85     |
|              |         | 260.00               | 72.2  | 35.0  | 70.0 | 35.40       | 4.80  |         |           |        |
|              |         | 310.00               | 86.1  | 31.0  | 67.0 | 39.06       | 5.60  |         |           |        |
| EPC100/260   | 2900    | 190.00               | 52.8  | 97.0  | 71.0 | 70.69       | 3.80  | 125     | 100       | 106    |
| EPC100/260G  |         | 295.00               | 81.9  | 86.0  | 76.0 | 90.91       | 5.20  |         |           |        |
|              |         | 350.00               | 97.2  | 80.0  | 74.0 | 103.04      | 6.50  |         |           |        |
| EPC100/260A  | 2900    | 183.50               | 51.0  | 85.5  | 69.0 | 61.92       | 3.75  | 125     | 100       | 106    |
| EPC100/260GA |         | 285.00               | 79.2  | 75.0  | 74.0 | 78.66       | 5.00  |         |           |        |
|              |         | 338.00               | 93.9  | 66.0  | 71.0 | 85.57       | 6.20  |         |           |        |
| EPC100/260B  | 2900    | 177.00               | 49.2  | 76.0  | 67.0 | 54.68       | 3.70  | 125     | 100       | 106    |
| EPC100/260GB |         | 274.00               | 76.1  | 66.0  | 72.0 | 68.40       | 4.80  |         |           |        |
|              |         | 325.00               | 90.3  | 58.0  | 68.0 | 75.49       | 5.90  |         |           |        |
| EPC125/200   | 2900    | 237.60               | 66.0  | 57.5  | 64.5 | 57.68       | 7.00  | 150     | 125       | 106    |
|              |         | 360.00               | 100.0 | 50.5  | 74.5 | 66.46       | 7.20  |         |           |        |
|              |         | 475.20               | 132.0 | 40.0  | 68.0 | 76.12       | 7.80  |         |           |        |

## PERFORMANCE PARAMETERS:

| PUMP MODEL | SPEED   | CAPACITY             |       | HEAD | EFF  | SHAFT POWER | NPSHr | SUCTION | DISCHARGE | WEIGHT |
|------------|---------|----------------------|-------|------|------|-------------|-------|---------|-----------|--------|
|            | (r/min) | (m <sup>3</sup> /hr) | (l/s) | (m)  | (%)  | (kW)        | (m)   | (mm)    | (mm)      | (kg)   |
| EPC32/130  | 1450    | 4.50                 | 1.3   | 6.2  | 35.0 | 0.22        | 1.80  | 50      | 32        | 27.5   |
|            |         | 7.50                 | 2.1   | 5.6  | 46.0 | 0.25        | 2.00  |         |           |        |
|            |         | 9.00                 | 2.5   | 5.2  | 49.0 | 0.26        | 2.30  |         |           |        |
| EPC32/160  | 1450    | 6.00                 | 1.7   | 9.7  | 42.0 | 0.38        | 0.70  | 50      | 32        | 35     |
|            |         | 9.00                 | 2.5   | 9.0  | 48.0 | 0.46        | 1.00  |         |           |        |
|            |         | 11.00                | 3.1   | 8.0  | 49.5 | 0.48        | 1.40  |         |           |        |
| EPC32/200  | 1450    | 6.00                 | 1.7   | 16.3 | 40.0 | 0.67        | 1.80  | 50      | 32        | 41     |
|            |         | 9.00                 | 2.5   | 15.4 | 48.0 | 0.79        | 2.00  |         |           |        |
|            |         | 11.00                | 3.1   | 14.5 | 51.0 | 0.85        | 2.30  |         |           |        |
| EPC32/260  | 1450    | 7.20                 | 2.0   | 25.0 | 30.0 | 1.63        | 1.80  | 50      | 32        | 59     |
|            |         | 12.00                | 3.3   | 23.5 | 39.5 | 1.94        | 2.00  |         |           |        |
|            |         | 14.40                | 4.0   | 22.0 | 42.0 | 2.05        | 2.30  |         |           |        |
| EPC40/130  | 1450    | 10.80                | 3.0   | 6.6  | 57.0 | 0.34        | 1.80  | 65      | 40        | 30     |
|            |         | 18.00                | 5.0   | 5.8  | 67.0 | 0.42        | 2.00  |         |           |        |
|            |         | 21.60                | 6.0   | 5.4  | 67.0 | 0.47        | 2.40  |         |           |        |
| EPC40/160  | 1450    | 10.80                | 3.0   | 10.2 | 55.0 | 0.55        | 1.80  | 65      | 40        | 36     |
|            |         | 18.00                | 5.0   | 8.8  | 62.0 | 0.70        | 2.00  |         |           |        |
|            |         | 21.60                | 6.0   | 7.8  | 60.0 | 0.76        | 2.40  |         |           |        |
| EPC40/200  | 1450    | 10.80                | 3.0   | 16.2 | 50.0 | 0.95        | 1.80  | 65      | 40        | 44     |
|            |         | 18.00                | 5.0   | 14.0 | 56.0 | 1.23        | 2.00  |         |           |        |
|            |         | 21.60                | 6.0   | 12.4 | 55.0 | 1.33        | 2.40  |         |           |        |
| EPC40/260  | 1450    | 12.60                | 3.5   | 24.4 | 42.0 | 1.99        | 1.80  | 65      | 40        | 61     |
|            |         | 21.00                | 5.8   | 22.0 | 52.0 | 2.42        | 2.00  |         |           |        |
|            |         | 25.20                | 7.0   | 20.0 | 52.5 | 2.61        | 2.40  |         |           |        |
| EPC40/320  | 1450    | 9.00                 | 2.5   | 38.0 | 30.0 | 3.10        | 3.14  | 65      | 40        | 95.8   |
|            |         | 14.40                | 4.0   | 37.5 | 42.0 | 3.50        | 2.10  |         |           |        |
|            |         | 18.00                | 5.0   | 37.0 | 45.0 | 4.03        | 3.80  |         |           |        |
| EPC40/320A | 1450    | 10.50                | 2.9   | 34.5 | 30.5 | 3.23        | 3.30  | 65      | 40        | 95.8   |
|            |         | 17.00                | 4.7   | 32.0 | 38.5 | 3.85        | 2.00  |         |           |        |
|            |         | 20.50                | 5.7   | 29.0 | 37.5 | 4.32        | 2.90  |         |           |        |
| EPC40/320B | 1450    | 10.00                | 2.8   | 31.0 | 29.0 | 2.91        | 3.60  | 65      | 40        | 95.8   |
|            |         | 16.50                | 4.6   | 29.0 | 37.0 | 3.52        | 2.00  |         |           |        |
|            |         | 20.00                | 5.6   | 26.0 | 36.0 | 3.93        | 2.70  |         |           |        |
| EPC50/130  | 1450    | 18.00                | 5.0   | 6.6  | 60.0 | 0.54        | 2.20  | 65      | 50        | 34     |
|            |         | 30.00                | 8.3   | 6.3  | 75.5 | 0.68        | 2.40  |         |           |        |
|            |         | 36.00                | 10.0  | 5.7  | 74.0 | 0.76        | 2.80  |         |           |        |
| EPC50/160  | 1450    | 20.00                | 5.6   | 10.4 | 64.0 | 0.89        | 2.30  | 65      | 50        | 38     |
|            |         | 32.00                | 8.9   | 9.8  | 74.3 | 1.15        | 2.40  |         |           |        |
|            |         | 38.00                | 10.6  | 9.4  | 74.5 | 1.31        | 3.00  |         |           |        |
| EPC50/200  | 1450    | 18.00                | 5.0   | 16.0 | 58.0 | 1.35        | 2.20  | 65      | 50        | 46     |
|            |         | 30.00                | 8.3   | 14.0 | 64.0 | 1.79        | 2.30  |         |           |        |
|            |         | 36.00                | 10.0  | 13.5 | 65.0 | 2.04        | 2.90  |         |           |        |
| EPC50/260  | 1450    | 20.00                | 5.6   | 25.0 | 52.5 | 2.59        | 2.30  | 65      | 50        | 63     |
|            |         | 32.00                | 8.9   | 24.0 | 64.5 | 3.24        | 2.40  |         |           |        |
|            |         | 38.00                | 10.6  | 23.0 | 66.5 | 3.58        | 3.00  |         |           |        |
| EPC50/320  | 1450    | 32.40                | 9.0   | 37.0 | 56.5 | 5.78        | 2.00  | 65      | 50        | 101    |
|            |         | 54.00                | 15.0  | 30.5 | 57.5 | 7.80        | 2.50  |         |           |        |
|            |         | 64.80                | 18.0  | 23.5 | 47.5 | 8.73        | 3.20  |         |           |        |
| EPC50/320A | 1450    | 23.00                | 6.4   | 33.5 | 50.0 | 4.20        | 2.00  | 65      | 50        | 101    |
|            |         | 38.50                | 10.7  | 31.3 | 62.0 | 5.29        | 2.40  |         |           |        |
|            |         | 46.00                | 12.8  | 30.0 | 63.0 | 5.97        | 3.00  |         |           |        |
| EPC50/320B | 1450    | 22.00                | 6.1   | 29.8 | 50.0 | 3.57        | 2.00  | 65      | 50        | 101    |
|            |         | 36.50                | 10.1  | 28.5 | 61.0 | 4.64        | 2.30  |         |           |        |
|            |         | 44.00                | 12.2  | 27.0 | 62.0 | 5.22        | 2.80  |         |           |        |
| EPC65/130  | 1450    | 21.60                | 6.0   | 6.7  | 50.0 | 0.79        | 2.20  | 80      | 65        | 39     |
|            |         | 36.00                | 10.0  | 6.4  | 66.0 | 0.95        | 2.40  |         |           |        |
|            |         | 43.20                | 12.0  | 6.0  | 69.0 | 1.02        | 2.80  |         |           |        |
| EPC65/160  | 1450    | 32.40                | 9.0   | 10.0 | 64.0 | 1.38        | 2.00  | 80      | 65        | 43     |
|            |         | 54.00                | 15.0  | 9.2  | 78.0 | 1.73        | 2.20  |         |           |        |
|            |         | 64.80                | 18.0  | 8.4  | 81.5 | 1.82        | 2.50  |         |           |        |

## PERFORMANCE PARAMETERS:

| PUMP MODEL  | SPEED   | CAPACITY             |       | HEAD | EFF  | SHAFT POWER | NPSHr | SUCTION | DISCHARGE | WEIGHT |
|-------------|---------|----------------------|-------|------|------|-------------|-------|---------|-----------|--------|
|             | (r/min) | (m <sup>3</sup> /hr) | (l/s) | (m)  | (%)  | (kW)        | (m)   | (mm)    | (mm)      | (kg)   |
| EPC65/200   | 1450    | 35.00                | 9.7   | 16.4 | 66.0 | 2.37        | 1.90  | 80      | 65        | 52     |
|             |         | 55.00                | 15.3  | 15.0 | 76.5 | 2.94        | 2.00  |         |           |        |
|             |         | 66.00                | 18.3  | 13.8 | 77.5 | 3.20        | 2.30  |         |           |        |
| EPC65/260   | 1450    | 43.20                | 12.0  | 25.3 | 66.5 | 4.48        | 2.00  | 80      | 65        | 81     |
|             |         | 72.00                | 20.0  | 21.5 | 73.5 | 5.74        | 2.30  |         |           |        |
|             |         | 86.40                | 24.0  | 18.7 | 68.0 | 6.47        | 3.00  |         |           |        |
| EPC65/320   | 1450    | 43.20                | 12.0  | 37.4 | 59.0 | 7.46        | 1.90  | 80      | 65        | 110    |
|             |         | 72.00                | 20.0  | 33.0 | 67.0 | 9.66        | 2.00  |         |           |        |
|             |         | 86.40                | 24.0  | 29.0 | 65.0 | 10.50       | 2.50  |         |           |        |
| EPC65/320A  | 1450    | 37.00                | 10.3  | 34.5 | 55.0 | 6.32        | 1.90  | 80      | 65        | 110    |
|             |         | 62.00                | 17.2  | 32.0 | 65.0 | 8.31        | 2.00  |         |           |        |
|             |         | 74.50                | 20.7  | 28.0 | 62.0 | 9.16        | 2.30  |         |           |        |
| EPC65/320B  | 1450    | 34.00                | 9.4   | 30.5 | 47.0 | 6.01        | 2.00  | 80      | 65        | 110    |
|             |         | 56.50                | 15.7  | 28.0 | 59.0 | 7.30        | 2.00  |         |           |        |
|             |         | 68.00                | 18.9  | 25.8 | 59.0 | 8.10        | 2.10  |         |           |        |
| EPC80/160   | 1450    | 50.00                | 13.9  | 10.6 | 62.5 | 2.31        | 2.10  | 100     | 80        | 54     |
|             |         | 80.00                | 22.2  | 10.0 | 76.0 | 2.87        | 2.50  |         |           |        |
|             |         | 96.00                | 26.7  | 9.3  | 77.0 | 3.16        | 3.20  |         |           |        |
| EPC80/200   | 1450    | 63.00                | 17.5  | 15.7 | 75.0 | 3.59        | 2.10  | 100     | 80        | 70     |
|             |         | 105.12               | 29.2  | 14.0 | 82.0 | 4.89        | 2.50  |         |           |        |
|             |         | 126.00               | 35.0  | 12.8 | 78.0 | 5.63        | 3.20  |         |           |        |
| EPC80/260   | 1450    | 63.00                | 17.5  | 24.0 | 70.0 | 5.88        | 2.10  | 100     | 80        | 91     |
|             |         | 105.12               | 29.2  | 21.0 | 76.0 | 7.91        | 2.50  |         |           |        |
|             |         | 126.00               | 35.0  | 18.5 | 72.0 | 8.82        | 3.20  |         |           |        |
| EPC80/320   | 1450    | 60.00                | 16.7  | 36.0 | 62.5 | 9.41        | 1.90  | 100     | 80        | 120    |
|             |         | 100.00               | 27.8  | 33.0 | 71.0 | 12.66       | 2.00  |         |           |        |
|             |         | 120.00               | 33.3  | 30.0 | 69.5 | 14.11       | 2.60  |         |           |        |
| EPC80/320A  | 1450    | 57.50                | 16.0  | 34.0 | 58.0 | 9.18        | 1.90  | 100     | 80        | 120    |
|             |         | 95.50                | 26.5  | 29.7 | 69.0 | 11.19       | 2.00  |         |           |        |
|             |         | 114.50               | 31.8  | 26.0 | 68.0 | 11.92       | 2.30  |         |           |        |
| EPC80/320B  | 1450    | 54.50                | 15.1  | 30.4 | 56.0 | 8.06        | 1.90  | 100     | 80        | 120    |
|             |         | 91.00                | 25.3  | 27.3 | 67.0 | 10.10       | 2.00  |         |           |        |
|             |         | 109.00               | 30.3  | 25.0 | 66.0 | 11.24       | 2.20  |         |           |        |
| EPC80/400   | 1450    | 60.00                | 16.7  | 59.0 | 55.5 | 17.37       | 2.20  | 100     | 80        | 161    |
|             |         | 100.00               | 27.8  | 55.5 | 65.5 | 23.08       | 2.50  |         |           |        |
|             |         | 120.00               | 33.3  | 52.5 | 66.5 | 25.80       | 3.40  |         |           |        |
| EPC80/400A  | 1450    | 59.00                | 16.4  | 55.0 | 55.0 | 16.07       | 2.20  | 100     | 80        | 161    |
|             |         | 96.50                | 26.8  | 52.5 | 64.0 | 21.56       | 2.40  |         |           |        |
|             |         | 116.00               | 32.2  | 49.0 | 63.0 | 24.57       | 3.20  |         |           |        |
| EPC80/400B  | 1450    | 56.00                | 15.6  | 51.0 | 54.0 | 14.40       | 2.20  | 100     | 80        | 161    |
|             |         | 93.00                | 25.8  | 49.0 | 66.0 | 18.80       | 2.40  |         |           |        |
|             |         | 111.50               | 31.0  | 47.0 | 68.0 | 20.99       | 3.00  |         |           |        |
| EPC100/200  | 1450    | 90.00                | 25.0  | 15.0 | 80.0 | 4.60        | 2.20  | 125     | 100       | 85     |
|             |         | 142.00               | 39.4  | 12.7 | 82.0 | 5.99        | 2.50  |         |           |        |
|             |         | 170.00               | 47.2  | 10.5 | 74.5 | 6.52        | 3.40  |         |           |        |
| EPC100/260  | 1450    | 99.00                | 27.5  | 24.0 | 76.0 | 8.51        | 2.30  | 125     | 100       | 115    |
|             |         | 165.00               | 45.8  | 21.0 | 81.5 | 11.58       | 2.60  |         |           |        |
|             |         | 198.00               | 55.0  | 19.0 | 75.0 | 13.66       | 3.50  |         |           |        |
| EPC100/320  | 1450    | 81.00                | 22.5  | 39.0 | 72.0 | 11.95       | 2.00  | 125     | 100       | 134    |
|             |         | 135.00               | 37.5  | 33.7 | 80.0 | 15.49       | 2.00  |         |           |        |
|             |         | 162.00               | 45.0  | 30.0 | 76.5 | 17.30       | 2.30  |         |           |        |
| EPC100/320A | 1450    | 77.50                | 21.5  | 34.0 | 70.0 | 10.25       | 2.00  | 125     | 100       | 134    |
|             |         | 130.00               | 36.1  | 29.5 | 76.0 | 13.74       | 2.00  |         |           |        |
|             |         | 155.00               | 43.1  | 26.5 | 73.0 | 15.32       | 2.20  |         |           |        |
| EPC100/320B | 1450    | 73.30                | 20.4  | 30.0 | 67.0 | 8.96        | 2.00  | 125     | 100       | 134    |
|             |         | 123.00               | 34.2  | 27.0 | 76.0 | 11.90       | 2.00  |         |           |        |
|             |         | 147.50               | 41.0  | 23.0 | 71.0 | 13.01       | 2.10  |         |           |        |
| EPC100/400  | 1450    | 90.00                | 25.0  | 58.8 | 60.5 | 23.82       | 1.70  | 125     | 100       | 174    |
|             |         | 150.00               | 41.7  | 51.0 | 67.5 | 30.86       | 2.00  |         |           |        |
|             |         | 180.00               | 50.0  | 44.0 | 64.5 | 33.44       | 2.70  |         |           |        |

## PERFORMANCE PARAMETERS:

| PUMP MODEL  | SPEED   | CAPACITY             |       | HEAD | EFF  | SHAFT POWER | NPSHr | SUCTION | DISCHARGE | WEIGHT |
|-------------|---------|----------------------|-------|------|------|-------------|-------|---------|-----------|--------|
|             | (r/min) | (m <sup>3</sup> /hr) | (l/s) | (m)  | (%)  | (kW)        | (m)   | (mm)    | (mm)      | (kg)   |
| EPC100/400A | 1450    | 87.00                | 24.2  | 54.0 | 56.0 | 22.85       | 1.70  | 125     | 100       | 174    |
|             |         | 145.00               | 40.3  | 48.2 | 66.0 | 28.84       | 2.00  |         |           |        |
|             |         | 174.00               | 48.3  | 42.0 | 66.4 | 29.97       | 2.50  |         |           |        |
| EPC100/400B | 1450    | 84.00                | 23.3  | 49.5 | 54.0 | 20.97       | 1.70  | 125     | 100       | 174    |
|             |         | 139.50               | 38.8  | 45.2 | 64.0 | 26.83       | 1.90  |         |           |        |
|             |         | 167.50               | 46.5  | 41.2 | 64.0 | 29.36       | 2.40  |         |           |        |
| EPC125/200  | 1450    | 115.00               | 31.9  | 15.2 | 62.0 | 7.68        | 2.60  | 150     | 125       | 106    |
|             |         | 190.00               | 52.8  | 13.0 | 77.0 | 8.74        | 3.50  |         |           |        |
|             |         | 230.00               | 63.9  | 11.5 | 76.5 | 9.42        | 3.00  |         |           |        |
| EPC125/260  | 1450    | 144.00               | 40.0  | 24.2 | 74.0 | 12.82       | 2.30  | 150     | 125       | 106    |
|             |         | 240.00               | 66.7  | 21.2 | 81.0 | 17.11       | 2.50  |         |           |        |
|             |         | 288.00               | 80.0  | 17.0 | 72.0 | 18.52       | 3.20  |         |           |        |
| EPC125/260A | 1450    | 139.00               | 38.6  | 21.3 | 68.0 | 11.86       | 2.30  | 150     | 125       | 106    |
|             |         | 232.00               | 64.4  | 18.2 | 79.0 | 14.56       | 2.50  |         |           |        |
|             |         | 278.50               | 77.4  | 15.4 | 75.0 | 15.57       | 3.00  |         |           |        |
| EPC125/260B | 1450    | 134.00               | 37.2  | 19.7 | 74.0 | 9.71        | 2.30  | 150     | 125       | 106    |
|             |         | 223.00               | 61.9  | 16.0 | 76.0 | 12.79       | 2.40  |         |           |        |
|             |         | 267.50               | 74.3  | 13.4 | 68.0 | 14.36       | 2.80  |         |           |        |
| EPC125/320  | 1450    | 120.00               | 33.3  | 35.0 | 67.5 | 16.95       | 2.10  | 150     | 125       | 163    |
|             |         | 200.00               | 55.6  | 32.5 | 79.0 | 22.41       | 2.00  |         |           |        |
|             |         | 240.00               | 66.7  | 30.0 | 78.0 | 25.14       | 2.70  |         |           |        |
| EPC125/320A | 1450    | 115.00               | 31.9  | 32.8 | 68.0 | 15.11       | 2.15  | 150     | 125       | 163    |
|             |         | 191.00               | 53.1  | 29.5 | 77.0 | 19.93       | 1.95  |         |           |        |
|             |         | 229.00               | 63.6  | 27.5 | 75.0 | 22.87       | 2.40  |         |           |        |
| EPC125/320B | 1450    | 109.00               | 30.3  | 28.9 | 72.5 | 11.83       | 2.20  | 150     | 125       | 163    |
|             |         | 182.00               | 50.6  | 25.2 | 76.0 | 16.43       | 2.00  |         |           |        |
|             |         | 218.50               | 60.7  | 12.9 | 74.0 | 10.37       | 2.20  |         |           |        |
| EPC125/400  | 1450    | 144.00               | 40.0  | 59.5 | 77.0 | 30.30       | 2.20  | 150     | 125       | 101    |
|             |         | 245.00               | 68.1  | 52.0 | 76.5 | 45.35       | 2.40  |         |           |        |
|             |         | 300.00               | 83.3  | 45.0 | 70.5 | 52.15       | 3.00  |         |           |        |
| EPC125/400A | 1450    | 139.00               | 38.6  | 53.5 | 64.5 | 31.40       | 2.20  | 150     | 125       | 181    |
|             |         | 236.50               | 65.7  | 46.0 | 74.0 | 40.04       | 2.40  |         |           |        |
|             |         | 289.00               | 80.3  | 38.5 | 67.0 | 45.23       | 3.00  |         |           |        |
| EPC125/400B | 1450    | 133.50               | 37.1  | 51.2 | 64.0 | 29.08       | 2.20  | 150     | 125       | 181    |
|             |         | 227.50               | 63.2  | 40.0 | 70.5 | 35.15       | 2.30  |         |           |        |
|             |         | 278.50               | 77.4  | 32.5 | 61.0 | 40.41       | 2.80  |         |           |        |
| EPC125/500  | 1450    | 150.00               | 41.7  | 83.5 | 63.0 | 54.14       | 2.30  | 150     | 125       | 390    |
|             |         | 250.00               | 69.4  | 78.0 | 70.0 | 75.86       | 2.50  |         |           |        |
|             |         | 300.00               | 83.3  | 72.0 | 65.0 | 90.50       | 2.60  |         |           |        |
| EPC125/500A | 1450    | 135.00               | 37.5  | 78.5 | 60.0 | 48.10       | 1.80  | 150     | 125       | 390    |
|             |         | 225.00               | 62.5  | 75.0 | 74.0 | 62.10       | 2.10  |         |           |        |
|             |         | 270.00               | 75.0  | 71.0 | 76.0 | 68.69       | 2.50  |         |           |        |
| EPC125/500B | 1450    | 120.00               | 33.3  | 75.0 | 54.0 | 45.39       | 1.60  | 150     | 125       | 390    |
|             |         | 200.00               | 55.6  | 72.0 | 67.0 | 58.53       | 2.00  |         |           |        |
|             |         | 240.00               | 66.7  | 69.0 | 70.0 | 64.43       | 2.40  |         |           |        |
| EPC125/500C | 1450    | 90.00                | 25.0  | 67.0 | 50.0 | 32.84       | 1.60  | 150     | 125       | 390    |
|             |         | 150.00               | 41.7  | 65.5 | 64.0 | 41.81       | 2.00  |         |           |        |
|             |         | 180.00               | 50.0  | 62.0 | 67.0 | 45.36       | 2.40  |         |           |        |
| EPC150/200  | 1450    | 216.00               | 60.0  | 14.4 | 70.0 | 12.10       | 3.00  | 200     | 150       | 156    |
|             |         | 360.00               | 100.0 | 12.2 | 80.0 | 14.95       | 3.50  |         |           |        |
|             |         | 424.80               | 118.0 | 10.3 | 77.0 | 15.47       | 4.00  |         |           |        |
| EPC150/200A | 1450    | 172.80               | 48.0  | 13.4 | 68.0 | 9.27        | 3.10  | 200     | 150       | 156    |
|             |         | 288.00               | 80.0  | 12.0 | 78.0 | 12.07       | 3.80  |         |           |        |
|             |         | 345.60               | 96.0  | 10.5 | 76.0 | 13.00       | 4.20  |         |           |        |
| EPC150/260  | 1450    | 194.00               | 53.9  | 23.5 | 75.0 | 16.55       | 2.70  | 200     | 150       | 148    |
|             |         | 324.00               | 90.0  | 20.5 | 82.0 | 22.06       | 3.00  |         |           |        |
|             |         | 414.00               | 115.0 | 16.0 | 68.0 | 26.53       | 3.30  |         |           |        |
| EPC150/260A | 1450    | 180.00               | 50.0  | 21.2 | 72.0 | 14.43       | 2.60  | 200     | 150       | 148    |
|             |         | 300.00               | 83.3  | 19.0 | 79.5 | 19.53       | 2.90  |         |           |        |
|             |         | 388.80               | 108.0 | 14.5 | 68.0 | 22.58       | 3.30  |         |           |        |

## PERFORMANCE PARAMETERS:

| PUMP MODEL  | SPEED   | CAPACITY             |       | HEAD | EFF  | SHAFT POWER | NPSHr | SUCTION | DISCHARGE | WEIGHT |
|-------------|---------|----------------------|-------|------|------|-------------|-------|---------|-----------|--------|
|             | (r/min) | (m <sup>3</sup> /hr) | (l/s) | (m)  | (%)  | (kW)        | (m)   | (mm)    | (mm)      | (kg)   |
| EPC150/260B | 1450    | 162.00               | 45.0  | 19.0 | 74.0 | 11.33       | 2.60  | 200     | 150       | 148    |
|             |         | 270.00               | 75.0  | 16.5 | 79.0 | 15.36       | 2.80  |         |           |        |
|             |         | 342.00               | 95.0  | 12.5 | 68.0 | 17.12       | 3.20  |         |           |        |
| EPC150/320  | 1450    | 230.00               | 63.9  | 36.5 | 74.0 | 30.89       | 2.80  | 200     | 150       | 170    |
|             |         | 370.00               | 102.8 | 33.0 | 81.0 | 41.05       | 3.20  |         |           |        |
|             |         | 445.00               | 123.6 | 28.5 | 75.0 | 46.05       | 3.60  |         |           |        |
| EPC150/320A | 1450    | 220.00               | 61.1  | 33.4 | 72.0 | 27.79       | 2.80  | 200     | 150       | 170    |
|             |         | 354.00               | 98.3  | 29.3 | 79.0 | 35.76       | 3.10  |         |           |        |
|             |         | 426.00               | 118.3 | 25.0 | 74.0 | 39.19       | 3.50  |         |           |        |
| EPC150/320B | 1450    | 209.50               | 58.2  | 30.0 | 71.0 | 24.11       | 2.80  | 200     | 150       | 170    |
|             |         | 337.50               | 93.8  | 26.0 | 77.0 | 31.04       | 3.00  |         |           |        |
|             |         | 405.50               | 112.6 | 21.9 | 73.0 | 33.13       | 3.30  |         |           |        |
| EPC150/400  | 1450    | 240.00               | 66.7  | 58.0 | 75.0 | 50.54       | 2.80  | 200     | 150       | 209    |
|             |         | 385.00               | 106.9 | 53.5 | 84.0 | 66.78       | 3.20  |         |           |        |
|             |         | 460.00               | 127.8 | 49.0 | 83.0 | 73.96       | 3.60  |         |           |        |
| EPC150/400A | 1450    | 232.00               | 64.4  | 52.0 | 72.0 | 45.63       | 2.80  | 200     | 150       | 209    |
|             |         | 372.00               | 103.3 | 47.5 | 78.0 | 61.69       | 3.20  |         |           |        |
|             |         | 444.00               | 123.3 | 42.5 | 77.0 | 66.74       | 3.60  |         |           |        |
| EPC150/400B | 1450    | 223.00               | 61.9  | 48.0 | 70.0 | 41.64       | 2.80  | 200     | 150       | 209    |
|             |         | 357.50               | 99.3  | 43.5 | 76.0 | 55.72       | 3.10  |         |           |        |
|             |         | 427.50               | 118.8 | 39.0 | 74.0 | 61.36       | 3.50  |         |           |        |
| EPC150/500  | 1450    | 300.00               | 83.3  | 86.5 | 79.0 | 89.50       | 3.10  | 200     | 150       | 410    |
|             |         | 500.00               | 138.9 | 77.5 | 84.0 | 125.60      | 3.50  |         |           |        |
|             |         | 600.00               | 166.7 | 69.0 | 81.0 | 139.20      | 3.80  |         |           |        |
| EPC150/500A | 1450    | 270.00               | 75.0  | 79.5 | 74.0 | 79.00       | 3.00  | 200     | 150       | 410    |
|             |         | 450.00               | 125.0 | 72.0 | 80.0 | 110.30      | 3.40  |         |           |        |
|             |         | 540.00               | 150.0 | 63.0 | 77.0 | 120.30      | 3.60  |         |           |        |
| EPC150/500B | 1450    | 240.00               | 66.7  | 75.5 | 69.0 | 71.50       | 2.80  | 200     | 150       | 410    |
|             |         | 400.00               | 111.1 | 70.0 | 79.0 | 96.50       | 3.20  |         |           |        |
|             |         | 480.00               | 133.3 | 65.0 | 78.0 | 108.90      | 3.50  |         |           |        |
| EPC150/500C | 1450    | 210.00               | 58.3  | 68.0 | 67.0 | 58.00       | 2.60  | 200     | 150       | 410    |
|             |         | 350.00               | 97.2  | 63.0 | 77.0 | 78.00       | 3.00  |         |           |        |
|             |         | 420.00               | 116.7 | 60.5 | 76.0 | 91.10       | 3.30  |         |           |        |
| EPC200/260  | 1450    | 259.20               | 72.0  | 19.5 | 73.0 | 18.86       | 3.00  | 200     | 200       | 256    |
|             |         | 432.00               | 120.0 | 15.2 | 82.0 | 21.81       | 3.20  |         |           |        |
|             |         | 518.40               | 144.0 | 12.0 | 74.0 | 22.89       | 3.30  |         |           |        |
| EPC200/260A | 1450    | 248.40               | 69.0  | 18.0 | 72.0 | 16.91       | 2.90  | 200     | 200       | 256    |
|             |         | 414.00               | 115.0 | 14.0 | 81.0 | 19.49       | 3.10  |         |           |        |
|             |         | 496.80               | 138.0 | 10.5 | 72.0 | 19.73       | 3.20  |         |           |        |
| EPC200/260B | 1450    | 237.60               | 66.0  | 15.0 | 70.0 | 13.87       | 2.80  | 200     | 200       | 256    |
|             |         | 396.00               | 110.0 | 12.0 | 80.0 | 16.18       | 3.00  |         |           |        |
|             |         | 475.20               | 132.0 | 9.7  | 70.0 | 17.93       | 3.10  |         |           |        |
| EPC200/320  | 1450    | 345.00               | 95.8  | 35.0 | 72.5 | 45.36       | 3.20  | 250     | 200       | 310    |
|             |         | 575.00               | 159.7 | 30.0 | 83.5 | 56.26       | 3.20  |         |           |        |
|             |         | 690.00               | 191.7 | 25.5 | 79.5 | 60.27       | 3.40  |         |           |        |
| EPC200/320A | 1450    | 324.00               | 90.0  | 30.0 | 71.0 | 37.28       | 3.10  | 250     | 200       | 310    |
|             |         | 540.00               | 150.0 | 25.5 | 83.0 | 45.18       | 3.20  |         |           |        |
|             |         | 648.00               | 180.0 | 21.0 | 78.0 | 47.51       | 3.30  |         |           |        |
| EPC200/320B | 1450    | 302.40               | 84.0  | 26.5 | 67.5 | 32.33       | 3.00  | 250     | 200       | 310    |
|             |         | 504.00               | 140.0 | 22.0 | 82.0 | 36.82       | 3.10  |         |           |        |
|             |         | 604.80               | 168.0 | 18.3 | 77.5 | 38.89       | 3.20  |         |           |        |
| EPC200/400  | 1450    | 390.00               | 108.3 | 59.5 | 74.0 | 85.40       | 3.00  | 250     | 200       | 345    |
|             |         | 650.00               | 180.6 | 53.5 | 84.0 | 112.74      | 3.80  |         |           |        |
|             |         | 780.00               | 216.7 | 48.5 | 82.0 | 125.64      | 4.50  |         |           |        |
| EPC200/400A | 1450    | 360.00               | 100.0 | 52.5 | 70.0 | 73.53       | 2.90  | 250     | 200       | 345    |
|             |         | 600.00               | 166.7 | 46.5 | 81.0 | 93.80       | 3.60  |         |           |        |
|             |         | 720.00               | 200.0 | 41.5 | 80.0 | 101.72      | 4.40  |         |           |        |
| EPC200/400B | 1450    | 330.00               | 91.7  | 41.5 | 69.0 | 54.05       | 2.80  | 250     | 200       | 345    |
|             |         | 550.00               | 152.8 | 36.0 | 81.0 | 66.57       | 3.50  |         |           |        |
|             |         | 660.00               | 183.3 | 31.0 | 78.0 | 71.43       | 4.20  |         |           |        |

## PERFORMANCE PARAMETERS:

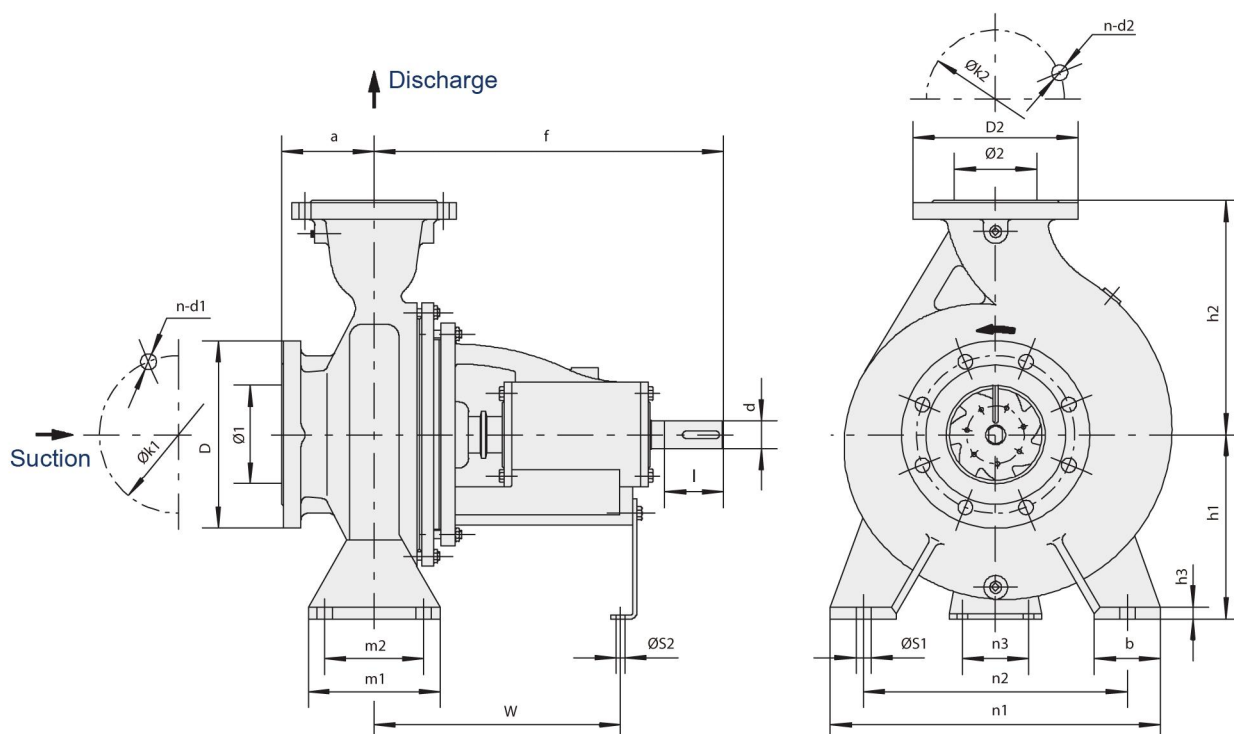
| PUMP MODEL  | SPEED   | CAPACITY             |       | HEAD | EFF  | SHAFT POWER | NPSHr | SUCTION | DISCHARGE | WEIGHT |
|-------------|---------|----------------------|-------|------|------|-------------|-------|---------|-----------|--------|
|             | (r/min) | (m <sup>3</sup> /hr) | (l/s) | (m)  | (%)  | (kW)        | (m)   | (mm)    | (mm)      | (kg)   |
| EPC200/500  | 1450    | 330.00               | 91.7  | 90.0 | 68.0 | 118.94      | 3.20  | 250     | 200       | 510    |
|             |         | 550.00               | 152.8 | 87.0 | 81.0 | 160.88      | 4.00  |         |           |        |
|             |         | 660.00               | 183.3 | 84.5 | 80.0 | 189.85      | 4.80  |         |           |        |
| EPC200/500A | 1450    | 300.00               | 83.3  | 82.5 | 69.0 | 97.68       | 3.00  | 250     | 200       | 510    |
|             |         | 500.00               | 138.9 | 80.0 | 82.5 | 132.04      | 3.80  |         |           |        |
|             |         | 600.00               | 166.7 | 77.5 | 84.0 | 150.75      | 4.50  |         |           |        |
| EPC200/500B | 1450    | 270.00               | 75.0  | 73.0 | 63.0 | 85.20       | 2.80  | 250     | 200       | 510    |
|             |         | 450.00               | 125.0 | 71.5 | 78.0 | 112.34      | 3.60  |         |           |        |
|             |         | 540.00               | 150.0 | 69.0 | 80.0 | 126.84      | 4.20  |         |           |        |
| EPC250/320  | 1450    | 522.00               | 145.0 | 32.0 | 69.0 | 65.93       | 3.00  | 300     | 250       | 375    |
|             |         | 870.00               | 241.7 | 27.5 | 83.5 | 78.03       | 4.80  |         |           |        |
|             |         | 1044.00              | 290.0 | 24.0 | 82.0 | 83.21       | 6.50  |         |           |        |
| EPC250/320A | 1450    | 480.00               | 133.3 | 29.5 | 63.0 | 61.21       | 2.80  | 300     | 250       | 375    |
|             |         | 800.00               | 222.2 | 25.5 | 82.0 | 67.75       | 4.50  |         |           |        |
|             |         | 960.00               | 266.7 | 22.5 | 83.5 | 70.45       | 6.20  |         |           |        |
| EPC250/320B | 1450    | 450.00               | 125.0 | 28.0 | 62.0 | 55.34       | 2.50  | 300     | 250       | 375    |
|             |         | 750.00               | 208.3 | 24.5 | 81.0 | 61.78       | 4.20  |         |           |        |
|             |         | 900.00               | 250.0 | 22.0 | 82.0 | 65.76       | 6.00  |         |           |        |
| EPC250/320C | 1450    | 432.00               | 120.0 | 23.5 | 61.0 | 45.32       | 2.40  | 300     | 250       | 375    |
|             |         | 720.00               | 200.0 | 20.0 | 80.0 | 49.02       | 4.00  |         |           |        |
|             |         | 864.00               | 240.0 | 17.5 | 76.0 | 54.18       | 5.80  |         |           |        |
| EPC250/400  | 1450    | 550.00               | 152.8 | 56.5 | 75.5 | 112.09      | 3.00  | 300     | 250       | 455    |
|             |         | 760.00               | 211.1 | 54.0 | 85.0 | 131.49      | 3.50  |         |           |        |
|             |         | 950.00               | 263.9 | 48.5 | 83.0 | 151.18      | 4.50  |         |           |        |
| EPC250/400A | 1450    | 360.00               | 100.0 | 45.0 | 62.0 | 71.16       | 2.60  | 300     | 250       | 455    |
|             |         | 600.00               | 166.7 | 43.0 | 80.0 | 87.83       | 3.20  |         |           |        |
|             |         | 720.00               | 200.0 | 40.5 | 83.0 | 95.68       | 4.20  |         |           |        |
| EPC250/400B | 1450    | 300.00               | 83.3  | 35.0 | 55.5 | 51.52       | 2.30  | 300     | 250       | 455    |
|             |         | 500.00               | 138.9 | 33.0 | 75.0 | 59.91       | 3.00  |         |           |        |
|             |         | 600.00               | 166.7 | 31.0 | 79.0 | 64.12       | 4.00  |         |           |        |
| EPC250/500  | 1450    | 534.00               | 148.3 | 85.5 | 70.0 | 177.63      | 3.00  | 300     | 250       | 630    |
|             |         | 890.00               | 247.2 | 80.0 | 82.0 | 236.46      | 5.00  |         |           |        |
|             |         | 1068.00              | 296.7 | 74.0 | 81.0 | 265.71      | 7.00  |         |           |        |
| EPC250/500A | 1450    | 480.00               | 133.3 | 76.0 | 67.0 | 148.28      | 2.80  | 300     | 250       | 630    |
|             |         | 800.00               | 222.2 | 70.5 | 80.0 | 191.99      | 4.60  |         |           |        |
|             |         | 960.00               | 266.7 | 65.5 | 80.0 | 214.05      | 6.70  |         |           |        |
| EPC250/500B | 1450    | 450.00               | 125.0 | 68.0 | 65.0 | 128.21      | 2.60  | 300     | 250       | 630    |
|             |         | 750.00               | 208.3 | 63.0 | 78.5 | 163.92      | 4.40  |         |           |        |
|             |         | 900.00               | 250.0 | 58.4 | 79.0 | 181.19      | 6.50  |         |           |        |
| EPC300/400  | 1450    | 831.60               | 231.0 | 52.0 | 70.0 | 168.24      | 5.00  | 350     | 300       | 700    |
|             |         | 1386.00              | 385.0 | 46.5 | 86.0 | 204.09      | 7.00  |         |           |        |
|             |         | 1663.20              | 462.0 | 42.0 | 87.5 | 217.41      | 8.00  |         |           |        |
| EPC300/400A | 1450    | 720.00               | 200.0 | 45.0 | 65.0 | 135.75      | 4.80  | 350     | 300       | 700    |
|             |         | 1200.00              | 333.3 | 40.5 | 81.0 | 163.40      | 6.50  |         |           |        |
|             |         | 1440.00              | 400.0 | 37.0 | 82.0 | 176.95      | 7.50  |         |           |        |
| EPC300/400B | 1450    | 594.00               | 165.0 | 38.5 | 54.5 | 114.27      | 4.50  | 350     | 300       | 700    |
|             |         | 990.00               | 275.0 | 35.0 | 74.0 | 127.52      | 6.00  |         |           |        |
|             |         | 1188.00              | 330.0 | 32.5 | 79.0 | 133.10      | 7.00  |         |           |        |

\* If a model is added with "G", it means the pump structure is improved. The pump shaft diameters, shapes and installation dimensions are different, but the performances are the same.

## ORDER PARAMETERS:

- Pump Model.
- Flow Q.
- Delivery Lift H.
- Inlet Pressure.
- Main Pump Parts and Seal Ring Materials.
- Conveyance Medium and Medium Temperature.
- Shaft Gland Type: Stuffing Seal or Mechanical Seal.
- Lubrication Method: Grease Lubrication / Oil Lubrication (in accordance with suspension fork designs).
- Motor Model: Voltage, Power, Protection Grade and Insulation Grade.
- Note: the customer orders are not confined by the parameters in the sample technical data sheet. All listed parameters are just specific typical parameters for the customer's reference.

## OUTLINE DIMENSIONS:



## - FLANGE CONNECTION DIMENSION

|                                   |                     |                     |                     |                     |                     |                     |                     |                     |                      |                      |                      |                      |                      |
|-----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| $\varnothing 1 - \varnothing 2$   | 32                  | 40                  | 50                  | 65                  | 80                  | 100                 | 125                 | 150                 | 200                  | 250                  | 300                  | 350                  | 400                  |
| $\varnothing K1 - \varnothing K2$ | 100                 | 110                 | 125                 | 145                 | 160                 | 180                 | 210                 | 240                 | 295                  | 355                  | 410                  | 470                  | 525                  |
| $n-d1 - n-d2$                     | 4- $\varnothing 18$ | 4- $\varnothing 18$ | 4- $\varnothing 18$ | 4- $\varnothing 18$ | 8- $\varnothing 18$ | 8- $\varnothing 18$ | 8- $\varnothing 18$ | 8- $\varnothing 22$ | 12- $\varnothing 22$ | 12- $\varnothing 26$ | 12- $\varnothing 26$ | 16- $\varnothing 26$ | 16- $\varnothing 30$ |
| $D1 - D2$                         | 140                 | 150                 | 165                 | 185                 | 200                 | 220                 | 250                 | 285                 | 340                  | 405                  | 460                  | 520                  | 580                  |

Flange connection dimensions are accordance with International Standard ISO2084 PN16

## INSTALLATION DIMENSTIONS:

| PUMP MODEL  | DIAMETER<br>OF SHAFT | SUCTION | DISCHARGE | PUMP DIMENSIONS |     |     |     | PUMP FOOT DIMENSIONS |     |     |     |     |     |    |     |     |     | SHAFT END<br>DIMENSIONS |     |
|-------------|----------------------|---------|-----------|-----------------|-----|-----|-----|----------------------|-----|-----|-----|-----|-----|----|-----|-----|-----|-------------------------|-----|
|             |                      | Ø1      | Ø2        | a               | f   | h1  | h2  | b                    | m1  | m2  | n1  | n2  | n3  | h3 | Øs1 | Øs2 | w   | d                       | l   |
| EPC32/130   | 25                   | Ø50     | Ø32       | 80              | 360 | 112 | 140 | 50                   | 100 | 70  | 190 | 140 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC32/160   | 25                   | Ø50     | Ø32       | 80              | 360 | 132 | 160 | 50                   | 100 | 70  | 240 | 190 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC32/200   | 25                   | Ø50     | Ø32       | 80              | 360 | 160 | 180 | 50                   | 100 | 70  | 240 | 190 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC32/260   | 25                   | Ø50     | Ø32       | 100             | 360 | 180 | 225 | 65                   | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC40/130   | 25                   | Ø65     | Ø40       | 80              | 360 | 112 | 140 | 50                   | 100 | 70  | 210 | 160 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC40/160   | 25                   | Ø65     | Ø40       | 80              | 360 | 132 | 160 | 50                   | 100 | 70  | 240 | 190 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC40/200   | 25                   | Ø65     | Ø40       | 100             | 360 | 160 | 180 | 50                   | 100 | 70  | 265 | 212 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC40/260   | 25                   | Ø65     | Ø40       | 100             | 360 | 180 | 225 | 65                   | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC40/320   | 25                   | Ø65     | Ø40       | 125             | 470 | 200 | 225 | 65                   | 125 | 95  | 345 | 280 | 110 | 14 | 14  | 14  | 342 | 32                      | 80  |
| EPC50/130   | 25                   | Ø65     | Ø50       | 100             | 360 | 132 | 160 | 50                   | 100 | 70  | 240 | 190 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC50/160   | 25                   | Ø65     | Ø50       | 100             | 360 | 160 | 180 | 50                   | 100 | 70  | 265 | 212 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC50/200   | 25                   | Ø65     | Ø50       | 100             | 360 | 160 | 200 | 50                   | 100 | 70  | 265 | 212 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC50/260   | 25                   | Ø65     | Ø50       | 100             | 360 | 180 | 225 | 65                   | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC50/260G  | 35A                  | Ø65     | Ø50       | 100             | 454 | 180 | 225 | 65                   | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 327 | 32                      | 80  |
| EPC50/320   | 35                   | Ø65     | Ø50       | 125             | 470 | 225 | 280 | 65                   | 125 | 95  | 345 | 280 | 110 | 16 | 14  | 14  | 342 | 32                      | 80  |
| EPC65/130   | 25                   | Ø80     | Ø65       | 100             | 360 | 160 | 180 | 65                   | 125 | 95  | 280 | 212 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC65/160   | 25                   | Ø80     | Ø65       | 100             | 360 | 160 | 200 | 65                   | 125 | 95  | 280 | 212 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC65/200   | 25                   | Ø80     | Ø65       | 100             | 360 | 180 | 225 | 65                   | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC65/200G  | 35A                  | Ø80     | Ø65       | 100             | 454 | 180 | 225 | 65                   | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 328 | 32                      | 80  |
| EPC65/260   | 35                   | Ø80     | Ø65       | 100             | 470 | 200 | 250 | 80                   | 160 | 120 | 360 | 280 | 110 | 16 | 18  | 14  | 342 | 32                      | 80  |
| EPC65/320   | 35                   | Ø80     | Ø65       | 125             | 470 | 225 | 280 | 80                   | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 342 | 32                      | 80  |
| EPC80/160   | 25                   | Ø100    | Ø80       | 125             | 360 | 180 | 225 | 65                   | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 267 | 24                      | 50  |
| EPC80/160G  | 35A                  | Ø100    | Ø80       | 125             | 454 | 180 | 225 | 65                   | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 326 | 32                      | 80  |
| EPC80/200   | 35                   | Ø100    | Ø80       | 125             | 470 | 180 | 250 | 65                   | 125 | 95  | 345 | 280 | 110 | 14 | 14  | 14  | 342 | 32                      | 80  |
| EPC80/260   | 35                   | Ø100    | Ø80       | 125             | 470 | 200 | 280 | 80                   | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 342 | 32                      | 80  |
| EPC80/320   | 35                   | Ø100    | Ø80       | 125             | 470 | 250 | 315 | 80                   | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 342 | 32                      | 80  |
| EPC80/400   | 45                   | Ø100    | Ø80       | 125             | 520 | 280 | 355 | 85                   | 160 | 120 | 400 | 355 | 110 | 16 | 18  | 14  | 370 | 42                      | 110 |
| EPC100/200  | 35                   | Ø125    | Ø100      | 125             | 470 | 200 | 280 | 80                   | 160 | 120 | 360 | 280 | 110 | 16 | 18  | 14  | 342 | 32                      | 80  |
| EPC100/260  | 35                   | Ø125    | Ø100      | 140             | 470 | 225 | 280 | 80                   | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 342 | 32                      | 80  |
| EPC100/260G | 45A                  | Ø125    | Ø100      | 140             | 520 | 225 | 280 | 80                   | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 363 | 42                      | 110 |
| EPC100/320  | 35                   | Ø125    | Ø100      | 140             | 470 | 250 | 315 | 80                   | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 342 | 32                      | 80  |
| EPC100/400  | 45                   | Ø125    | Ø100      | 140             | 530 | 280 | 355 | 100                  | 200 | 150 | 500 | 400 | 110 | 18 | 23  | 14  | 370 | 42                      | 110 |
| EPC125/200  | 35                   | Ø150    | Ø125      | 140             | 470 | 250 | 315 | 80                   | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 342 | 32                      | 80  |
| EPC125/260  | 35                   | Ø150    | Ø125      | 140             | 470 | 250 | 355 | 80                   | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 342 | 32                      | 80  |
| EPC125/320  | 45                   | Ø150    | Ø125      | 140             | 530 | 280 | 355 | 100                  | 200 | 150 | 500 | 400 | 110 | 18 | 23  | 14  | 370 | 42                      | 110 |
| EPC125/400  | 45                   | Ø150    | Ø125      | 140             | 530 | 315 | 400 | 100                  | 200 | 150 | 500 | 400 | 110 | 18 | 23  | 14  | 370 | 42                      | 110 |
| EPC125/500  | 60                   | Ø150    | Ø125      | 160             | 670 | 375 | 500 | 120                  | 200 | 150 | 550 | 450 | 140 | 25 | 23  | 14  | 511 | 55                      | 110 |
| EPC150/200  | 35G                  | Ø200    | Ø150      | 160             | 495 | 280 | 400 | 100                  | 200 | 150 | 550 | 450 | 110 | 20 | 23  | 14  | 342 | 32                      | 80  |
| EPC150/260  | 45                   | Ø200    | Ø150      | 160             | 530 | 250 | 355 | 100                  | 200 | 150 | 450 | 350 | 110 | 18 | 23  | 14  | 370 | 42                      | 110 |
| EPC150/320  | 45                   | Ø200    | Ø150      | 160             | 530 | 280 | 400 | 100                  | 200 | 150 | 550 | 450 | 110 | 18 | 23  | 14  | 370 | 42                      | 110 |
| EPC150/400  | 45                   | Ø200    | Ø150      | 160             | 530 | 315 | 450 | 100                  | 200 | 150 | 550 | 450 | 110 | 18 | 23  | 14  | 370 | 42                      | 110 |
| EPC150/500  | 60                   | Ø200    | Ø150      | 180             | 670 | 375 | 500 | 120                  | 200 | 150 | 550 | 450 | 140 | 25 | 23  | 14  | 511 | 55                      | 110 |
| EPC200/260  | 45                   | Ø250    | Ø200      | 180             | 550 | 280 | 400 | 100                  | 200 | 150 | 550 | 450 | 110 | 25 | 27  | 14  | 389 | 42                      | 110 |
| EPC200/320  | 55                   | Ø250    | Ø200      | 200             | 670 | 355 | 450 | 100                  | 200 | 150 | 550 | 450 | 110 | 20 | 23  | 14  | 511 | 48                      | 110 |
| EPC200/400  | 55                   | Ø250    | Ø200      | 200             | 670 | 355 | 500 | 120                  | 200 | 150 | 550 | 450 | 110 | 20 | 23  | 14  | 511 | 48                      | 110 |
| EPC200/500  | 60                   | Ø250    | Ø200      | 210             | 675 | 400 | 500 | 160                  | 300 | 240 | 720 | 600 | 140 | 30 | 27  | 14  | 511 | 55                      | 110 |
| EPC250/320  | 55                   | Ø300    | Ø250      | 200             | 670 | 355 | 525 | 100                  | 250 | 175 | 600 | 500 | 110 | 24 | 23  | 14  | 511 | 48                      | 110 |
| EPC250/400  | 60                   | Ø300    | Ø250      | 250             | 670 | 400 | 500 | 120                  | 300 | 250 | 710 | 600 | 110 | 25 | 23  | 14  | 511 | 55                      | 110 |
| EPC250/500  | 75                   | Ø300    | Ø250      | 240             | 875 | 425 | 545 | 160                  | 300 | 200 | 720 | 600 | 140 | 30 | 27  | 19  | 625 | 70                      | 140 |
| EPC300/400  | 75                   | Ø350    | Ø300      | 280             | 875 | 500 | 600 | 150                  | 300 | 200 | 800 | 600 | 140 | 40 | 27  | 19  | 625 | 70                      | 140 |