

## Double Suction Axial Split Pumps

GD



## Applications

- Water supply
- Cooling water circulation
- Cooling tower
- Building
- Irrigation
- General industry
- Fire-fighting

## Feature

- ☑ Completely standardization for wide application
- ☑ Compliance with ISO2858 for high interchangeability
- ☑ Good efficiency and low NPSHr.
- ☑ Axial split casing construction for easy maintenance without disturbing piping

## Ratings

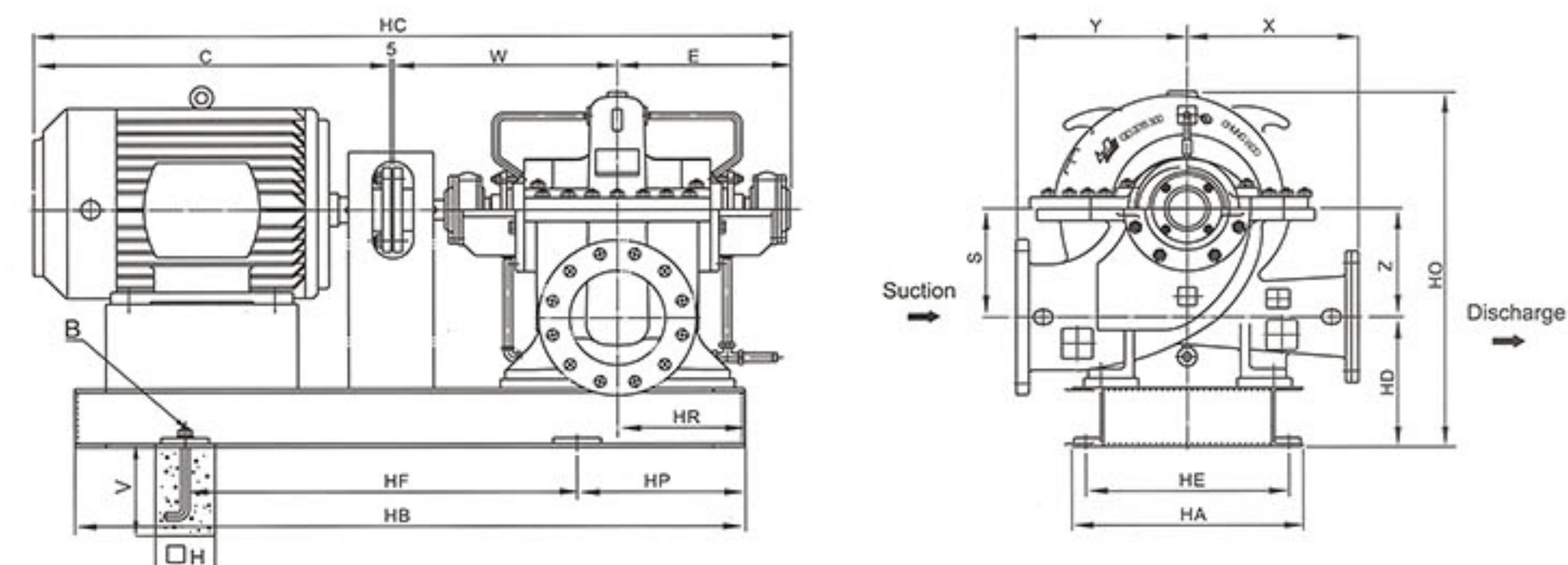
|                            |                                                 |
|----------------------------|-------------------------------------------------|
| Capacity                   | 3~18 m <sup>3</sup> /min (792 ~ 4,755 US GPM)   |
| Head                       | Up to 70m (229ft)                               |
| Discharge Pressure         | Up to 10 kgf/cm <sup>2</sup> (142 PSIG)         |
| Allowable Suction Pressure | Up to 5 kgf/cm <sup>2</sup> (71 PSIG)           |
| Revolution 60Hz (50Hz)     | 1750 min <sup>-1</sup> (1180min <sup>-1</sup> ) |
| Rotation 4P (6P)           | CW or CCW                                       |
| Temperature                | -20°C~135°C (-4°F~275°F)                        |
| Nozzle Rating              | KS 10 Kg/ cm <sup>2</sup> - FF                  |
| Nozzle Location            | Side Suction : Side Discharge                   |
| Seals                      | Conventional Packing or Mechanical Seal         |

## Specification

| Spec       | Model | POWER | CAPACITY / HEAD                   |             |                                   |             |                                   |             |
|------------|-------|-------|-----------------------------------|-------------|-----------------------------------|-------------|-----------------------------------|-------------|
|            |       |       | CAPACITY<br>(m <sup>3</sup> /min) | HEAD<br>(m) | CAPACITY<br>(m <sup>3</sup> /min) | HEAD<br>(m) | CAPACITY<br>(m <sup>3</sup> /min) | HEAD<br>(m) |
| GD2015-300 |       | 30    | 3.0                               | 29          | 4.5                               | 24          | 6.0                               | 13          |
|            |       | 30    | 3.0                               | 31          | 4.5                               | 25          | 6.0                               | 15          |
|            |       | 37    | 3.0                               | 35          | 4.5                               | 30          | 6.0                               | 21          |
|            |       | 45    | 3.0                               | 43          | 5.0                               | 38          | 6.5                               | 27          |
| GD2015-430 |       | 45    | 3.0                               | 46          | 4.5                               | 41          | 5.5                               | 34          |
|            |       | 55    | 3.0                               | 53          | 4.5                               | 48          | 6.0                               | 37          |
|            |       | 75    | 3.0                               | 65          | 5.0                               | 59          | 6.5                               | 47          |
| GD2520-300 |       | 55    | 5.0                               | 27          | 8.0                               | 21          | 10.5                              | 13          |
|            |       | 55    | 5.0                               | 30          | 8.0                               | 25          | 11.0                              | 14          |
|            |       | 75    | 5.0                               | 38          | 9.0                               | 29          | 12.0                              | 18          |
| GD2520-430 |       | 90    | 5.0                               | 40          | 8.0                               | 34          | 11.0                              | 20          |
|            |       | 90    | 5.0                               | 46          | 8.0                               | 41          | 11.0                              | 30          |
|            |       | 110   | 5.0                               | 53          | 9.0                               | 47          | 12.0                              | 32          |
|            |       | 132   | 5.0                               | 61          | 10                                | 50          | 12.5                              | 39          |
| GD3025-300 |       | 150   | 5.0                               | 69          | 10                                | 60          | 13.0                              | 47          |
|            |       | 75    | 7.5                               | 25          | 9.0                               | 22          | 11                                | 16          |
|            |       | 75    | 8.0                               | 32          | 10                                | 28          | 12                                | 20          |
|            |       | 90    | 8.5                               | 38          | 11                                | 32          | 13.5                              | 25          |
| GD3025-430 |       | 110   | 9.0                               | 42          | 12                                | 37          | 14.0                              | 28          |
|            |       | 132   | 10                                | 47          | 13                                | 39          | 15                                | 30          |
|            |       | 132   | 10                                | 50          | 13                                | 42          | 16                                | 28          |
|            |       | 150   | 10                                | 53          | 14                                | 43          | 17                                | 30          |
|            |       | 190   | 10                                | 61          | 14                                | 55          | 18                                | 35          |

Note: The content of this catalogue is to change without notice.

## Installation Dimension

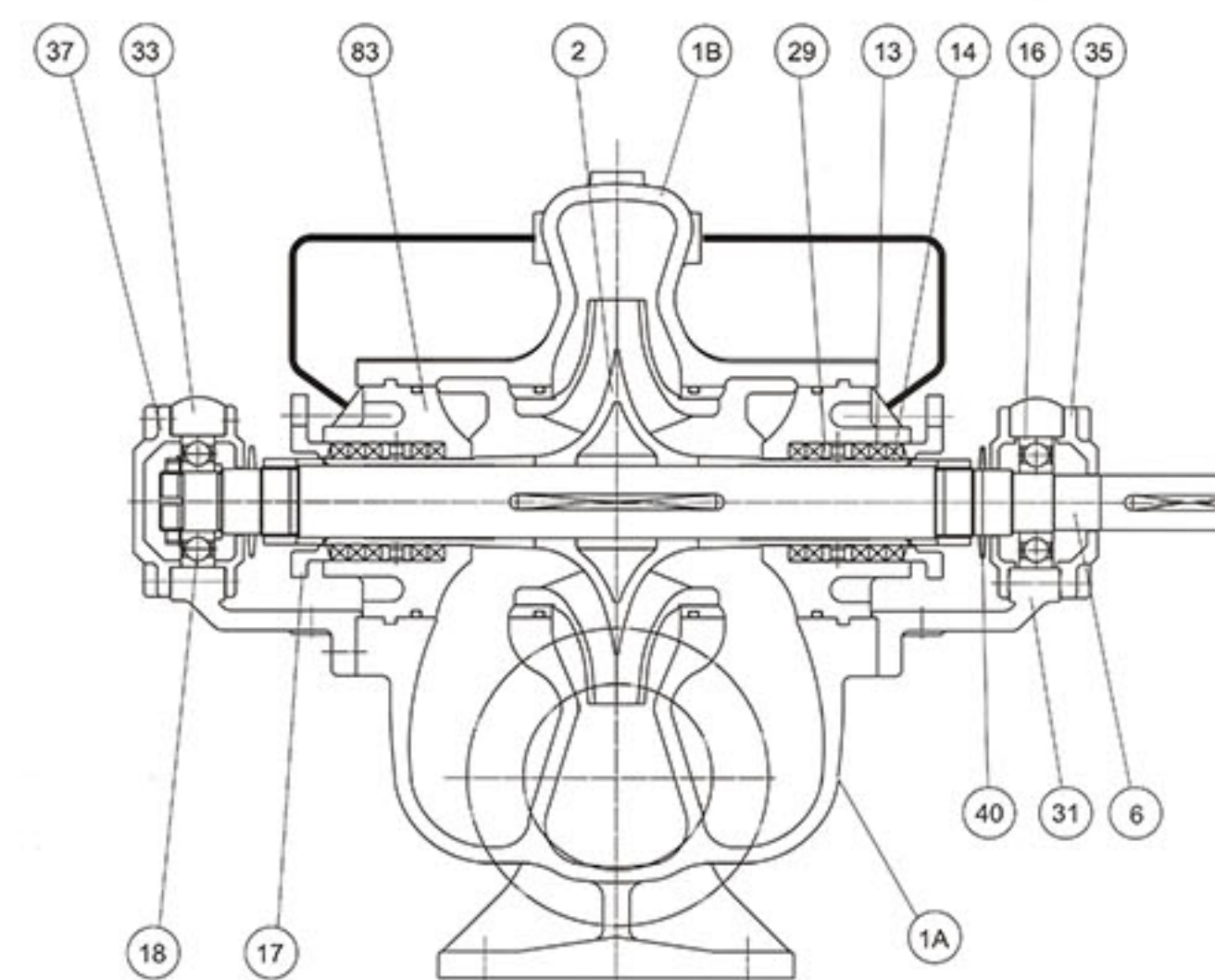


| Spec        | Pump and motor |     |       |     |      |      |     |     |     |     |     |     |     | Baseplate |     |      |      |     |     |     |            | Anchor Bolt |     |  |
|-------------|----------------|-----|-------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|------|------|-----|-----|-----|------------|-------------|-----|--|
|             | Suc            | Dis | Frame | kW  | HC   | C    | W   | E   | Y   | X   | HO  | S   | Z   | HR        | HP  | HF   | HB   | HE  | HA  | HD  | B          | H           | V   |  |
| 200×150-300 | 200            | 150 | 200L  | 37  | 620  | 747  | 488 | 380 | 356 | 356 | 755 | 230 | 230 | 270       | 230 | 940  | 1400 | 430 | 480 | 275 | 4-M20×315L | 150         | 315 |  |
| 200×150-430 | 200            | 150 | 225M  | 55  | 1774 | 842  | 517 | 410 | 410 | 356 | 817 | 230 | 230 | 270       | 250 | 1000 | 1500 | 430 | 480 | 275 | 4-M20×315L | 150         | 315 |  |
| 250×200-300 | 250            | 200 | 250M  | 75  | 1961 | 894  | 586 | 476 | 432 | 356 | 817 | 216 | 216 | 305       | 270 | 1060 | 1600 | 470 | 530 | 324 | 4-M20×315L | 150         | 315 |  |
| 250×200-430 | 250            | 200 | 280M  | 110 | 2132 | 1065 | 586 | 476 | 457 | 410 | 955 | 254 | 254 | 305       | 300 | 1200 | 1800 | 540 | 600 | 351 | 4-M20×315L | 150         | 315 |  |
| 300×250-300 | 300            | 250 | 280S  | 93  | 2163 | 1014 | 627 | 517 | 483 | 410 | 905 | 254 | 254 | 325       | 300 | 1200 | 1800 | 540 | 600 | 351 | 4-M20×315L | 150         | 315 |  |
| 300×250-430 | 300            | 250 | 280L  | 150 | 2303 | 1154 | 627 | 517 | 508 | 517 | 991 | 280 | 280 | 325       | 340 | 1320 | 2000 | 540 | 600 | 360 | 4-M24×400L | 150         | 400 |  |

Note: \*. Dimensions are in mm.

\*. The content of this catalogue is to change without notice.

## Parts List and Materials



| NO | Name of part           | MATERIAL  |
|----|------------------------|-----------|
| 1A | Lower Casing           | GC200     |
| 1B | Upper Casing           | GC200     |
| 2  | Impeller               | GC200 BC6 |
| 6  | Shaft                  | SM45C     |
| 13 | Packing                | TEFLON    |
| 14 | Shaft Sleeve           | GC200     |
| 16 | Inboard Bearing        | STEEL     |
| 17 | Packing Gland          | GC200     |
| 18 | Outboard Bearing       | STEEL     |
| 29 | Lantern Ring           | TEFLON    |
| 31 | Inboard Bearing Hous.  | GC200     |
| 33 | Outboard Bearing Hous. | GC200     |
| 35 | Inboard Bearing Cover  | GC200     |
| 37 | Inboard Bearing Cover  | GC200     |
| 40 | Deflector              | NBR       |
| 83 | Stuffing Box           | GC200     |

Note: \*. Other Materials are available on request