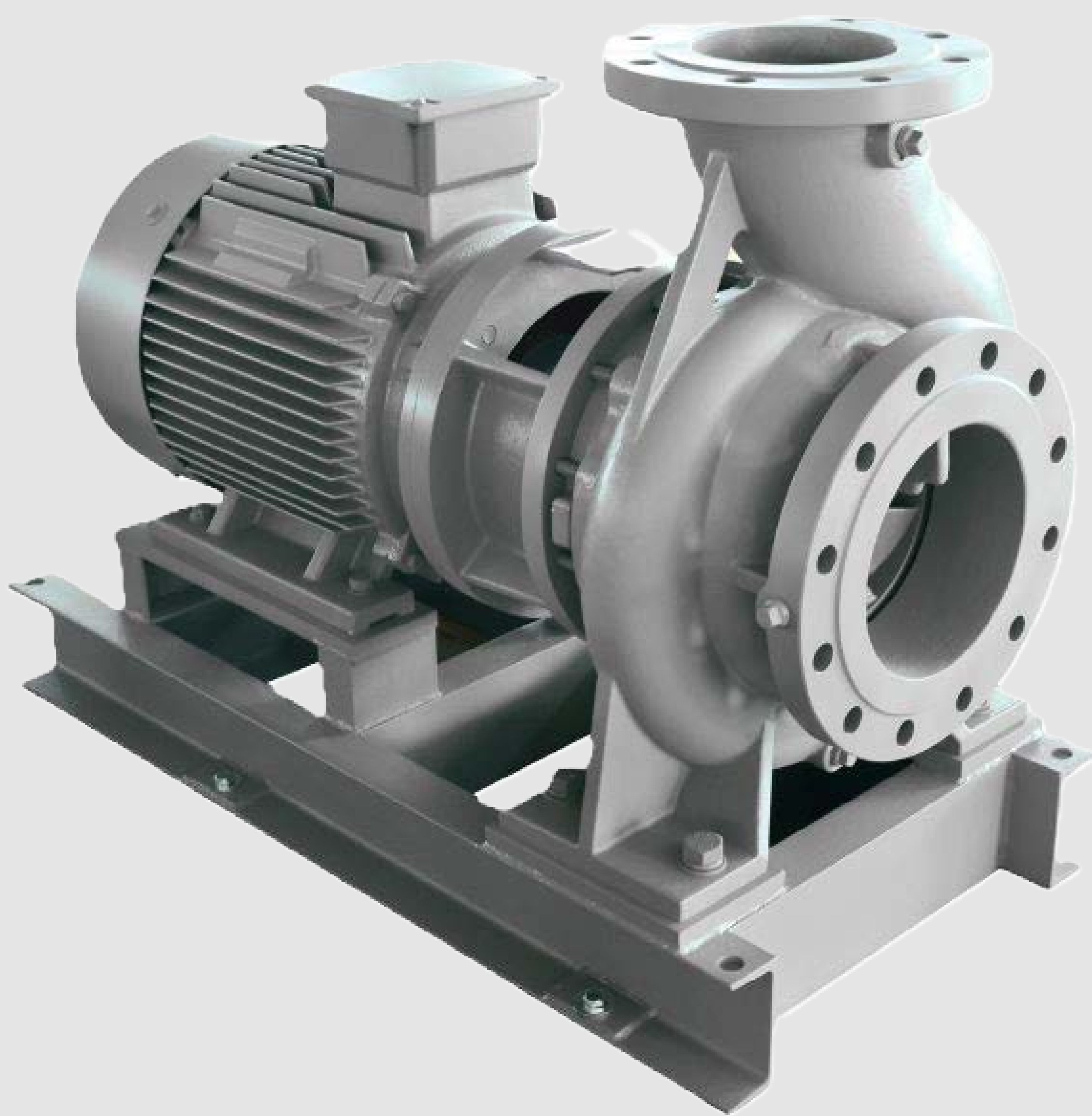




## End-Suction Centrifugal Pumps

New-generation mechanical/electrical end-suction centrifugal pumps from **Wings Pumps** provides high reliability, reduced installation and maintenance costs, with a longer lifetime.

CERTIFIED  
ISO 9001  
ISO 14001  
ISO 45001  
ISO 50001



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T.Thasai, A.Muang, Nonthaburi 11000  
Tel: +66 2 580 8011 - 4  
[www.wgflow.com](http://www.wgflow.com)

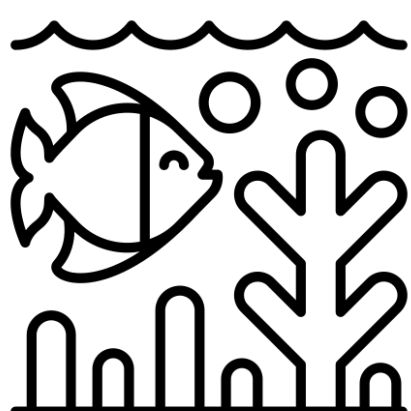


# APPLICATIONS



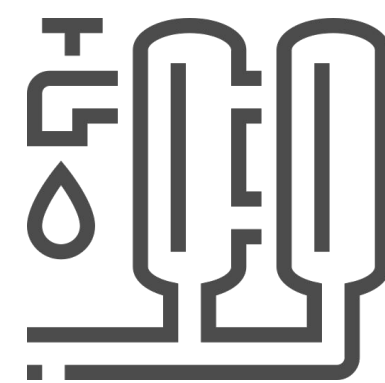
## Storm Water Drainage

Supports structures, channels and pipes that carry stormwater (rain water) to ponds, lakes, streams and rivers.



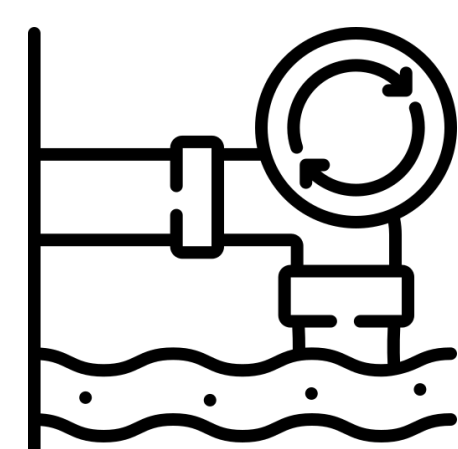
## Irrigation and Aquaculture

Used for irrigation and aquaculture ecosystems. Environmentally-friendly.



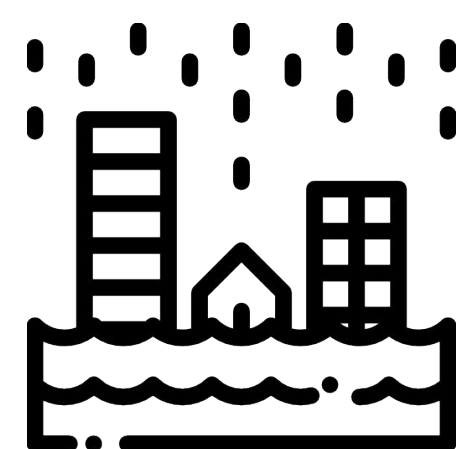
## Raw Water and Processed Water

Supports raw water intakes and applicable intakes for water treatment plants.



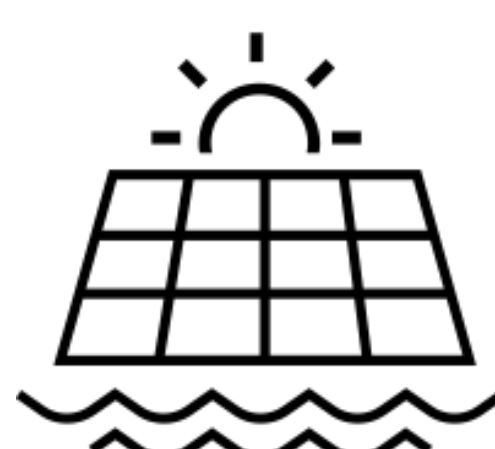
## Sewage and Recirculation Sludge

Designed to move the thickest mixtures and pass large pieces of debris without damage or wear on the pump.



## Municipality

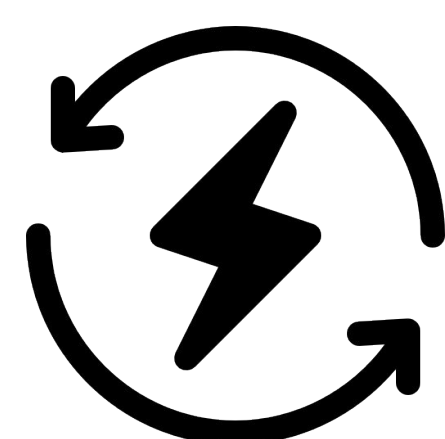
Well-Integrated with municipality work and projects with high requirements.



## Renewable Energy

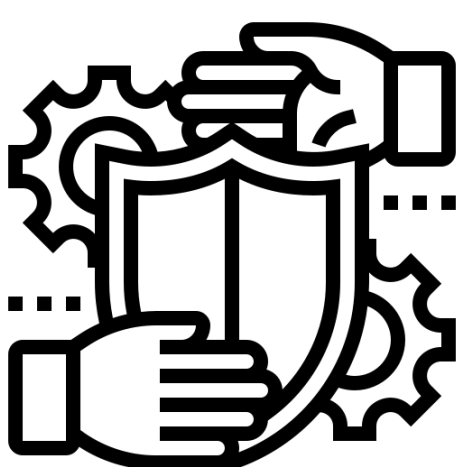
can be used with solar cells for sustainable energy with smart device that properly manage the process and prevent pump damage.

# KEY BENEFITS



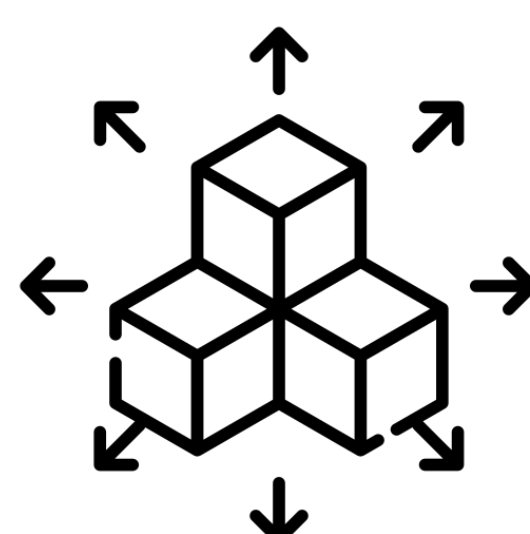
## Better Power Consumption

Save more power with Premium Efficiency Motors.



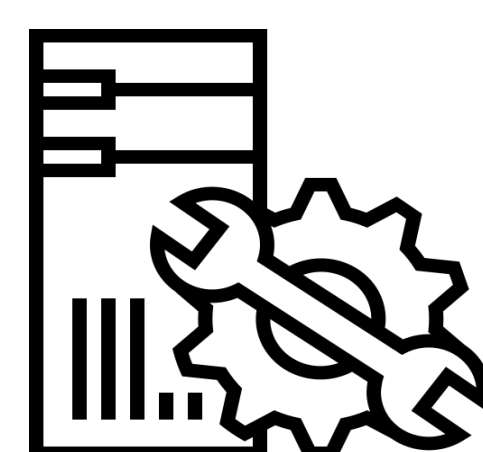
## Stability and Reliability

Wings Pumps’ advanced engineering provides better stability and reliability.



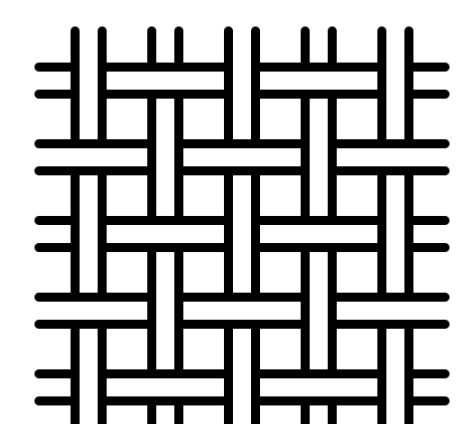
## Wide Range of Operations

Wings Pumps are more versatile and can be used in a wide variety of operations.



## High Flexibility in Installations

Wings Pumps can be installed perfectly in various situations and setups.



## Flexibility in Material

Customize pumps with various material and composites to better suit your operations.



## Internet of things

Through the cloud network system, the system organizes data and keeps tabs on the pump's operational state. User can be real-time observation possible.

# FEATURES AND BENEFITS



Our new-generation mechanical/electrical **End-Suction Centrifugal pumps** from **Wings Pumps** provides high reliability, reduced installation and maintenance costs, with a longer lifetime.

WGHD Series pumps are Horizontal Single-stage End-suction Centrifugal Pump, with application of transferring clean water and the liquid with similar physical and chemical characters as water but without solid particle, and widely used in water supply and drainage for factory, mine, city and also fire-fighting and field irrigation system.

The hydraulic performance can be adjusted by impeller cutting for different requests. Normal rotation speed is 1450RPM and 2900RPM (50Hz power supply or connected with gasoline or diesel engine), technical support on impeller diameter change is available

Our **Premium Efficiency Motors** are manufactured according to IEC 60034-30 IE3 standards, providing improved efficiency, reduced energy consumption with less impact on the environment.

Wings Pumps are engineered and designed with **Computational Fluid Dynamics** (CFD) combined with predictive AI and powerful graphics for visualizations and simulations to foresee any multi-dimensional problems.

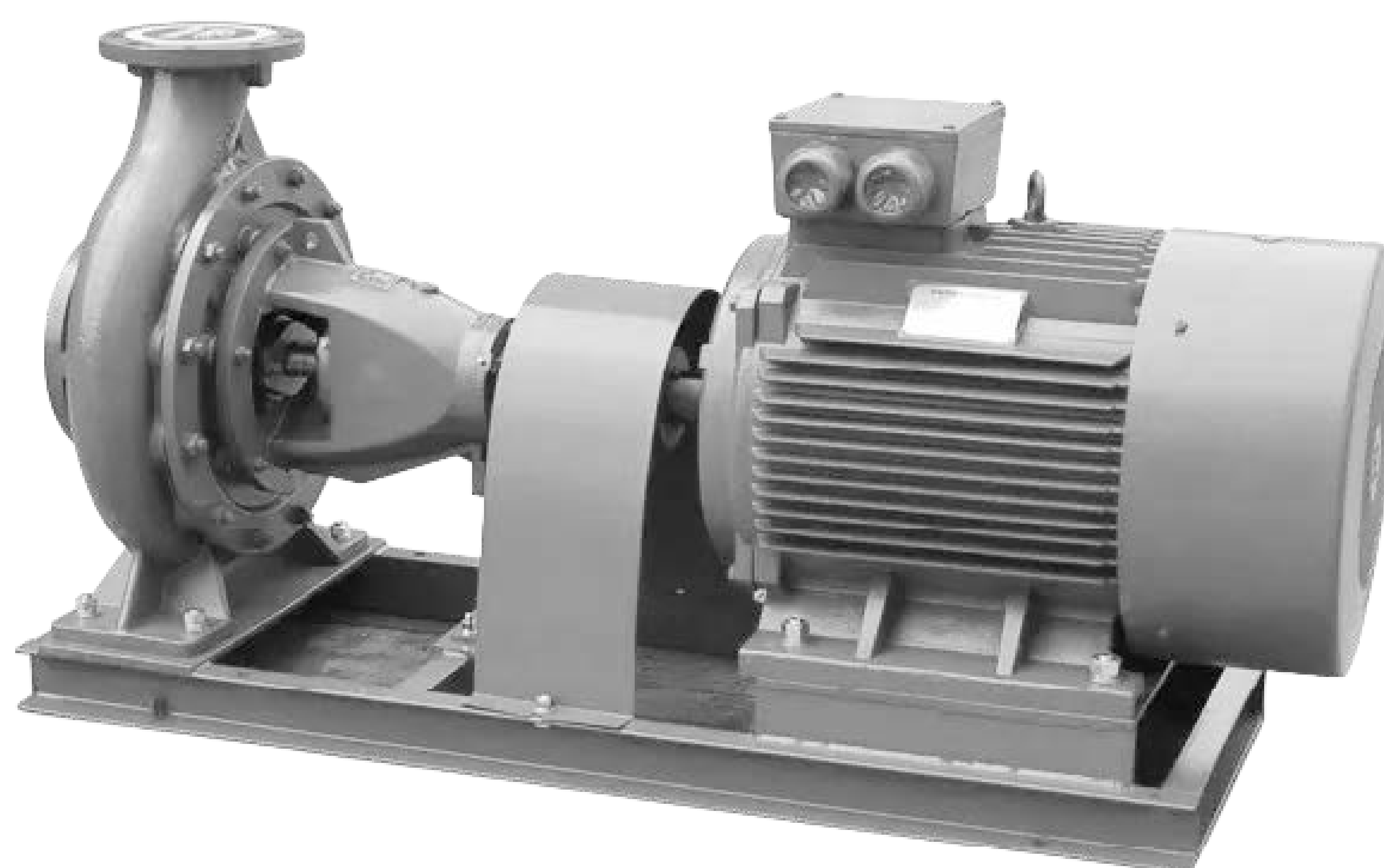
**A slim design** offers easy installation, low vibration and low Net Positive Suction Head (NPSH)

**Smart technology**, highly intelligent controls with 8 points of sensor monitoring devices with optional AI and IoT expansions.

**Our special Coating** offers higher resistance to abrasive and corrosive effects

**ISO 9001 & ISO14001 & ISO45001 certified.** With ISO certification, Wings Pumps provides reliability with a high standard giving you assurance and peace of mind.

able to operate at a high performance for longer than 12 hours.



# END-SUCTION CENTRIFUGAL PUMP

## 1. Insulated Motor - for better reliability

All motors are fully submersible to a depth of at least 20 meters.

## 2. Unique seals provide extra safety

Our mechanical seal systems minimize shaft overhang while maximizing cooling and lubrication.

## 3. Sensors

Thermal sensors help prevent overheating. Leakage sensors alarms you of liquid intrusion through cables or seals.

## 4. Reliable and Efficient Hydraulics

Wings Pumps technology ensures maximum reliability and high efficiency.

## 5. Flexible Installation

Wings are designed according to the requirements of customer and suitability according to the actual situation

## 6. Spare Parts

All models will have stock spare parts for at least five years,  
and WINGS' skilled staff will help you find the right part and give you advice on spare parts.

# PREMIUM EFFICIENCY MOTORS (IE2,IE3) IN ACCORDANCE WITH IEC60034-30,IEC60529

## Class F Insulation (Up to 155°C/311°F)

Temperature rise according to IEC / NEMA Class A

## Class H Insulation (Up to 180°C/356°F)

Temperature rise according to IEC / NEMA Class A

## International Protection Standard IP55,IP68

International Protection Standard according to IEC 60529/DIN 40050

## Better Savings on Power Consumption

Our highly efficient motors provide more savings with lower power consumption.

## Better for the Environment

Our pumps are designed to be more more environmentally-friendly and have minimal impact on any ecosystem.



# DOUBLE MECHANICAL SEAL

Double mechanical seals are designed to ensure maximum sealing safety.  
These seals virtually eliminate leakage of the fluid being handled in pumps. Made by SiC, Carbon, Cement Carbide and special requires.

## Introduction

All products are accordance with DIN24255、ISO2858、ISO24960

WGHD Series pumps are Horizontal Single-stage End-suction Centrifugal Pump,with application of transferring clean water and the liquid with similar physical and chemical characters as water but without solid particle,and widely used in water supply and drainage for factory,mine,city and also fire-fighting and field irrigation system.

The hydraulic performance can be adjusted by impeller cutting for different requests.Normal rotation speed is 1450RPM & 2900RPM.If pumps need to be operated on maximum rotation speed 3550RPM (60Hz power supply or connected with gasoline or diesel engine),technical support on impeller diameter change is available.

WGHD Pump has simple structure,reliable performance,compact size,low weight,excellent anti-cavitation,low power consumption and convenient maintenance.

Suitable medium temperature is -10-85°C;Nominal working pressure is 16 Bar.

## Structure description

The pump casing is casted with volute chamber,support foot and inlet/outlet flange

Back pull-out design enables to dismantle cover and impeller with connection of pipe works both of suction and discharge.Pumps are droved directly by motor or inner combustion engine(diesel engine or gasoline engine) via connection of flexible coupling.

Pump is sealed with packing seal(P)or Mechanical seal(M).Three types of Mechanical seal used:M1,M2,M3.Among them,M2 is balanced mechanical seal which used for working pressure over 1.0MPa.

## Assembl and Disappemle

- 1 Before assembly,all components must be checked for any assembly defect and cleaned.
- 2 Screw up all connection fasteners and plugs on concerning components beforehand.
- 3 Put seal ring and gasket into concerning components in advance.
- 4 Put seal ring,packing material,packing ring,packing gland ect.on pump cover in turn beforehand.
- 5 Assemble bearing on shaft and put into bearing bracket.Then close bearing locating plate and check-ring,further-more put check-ring on impeller side of shaft.
- 6 Install shaft sleeve on shaft.Then put pump cover on bearing bracket.Assemble and tighten up impeller key,impeller,gasket and Hexagonal nut in turn.
- 7 In the end,assemble above parts with pump casing and tighten up fastener between pump casing and cover.

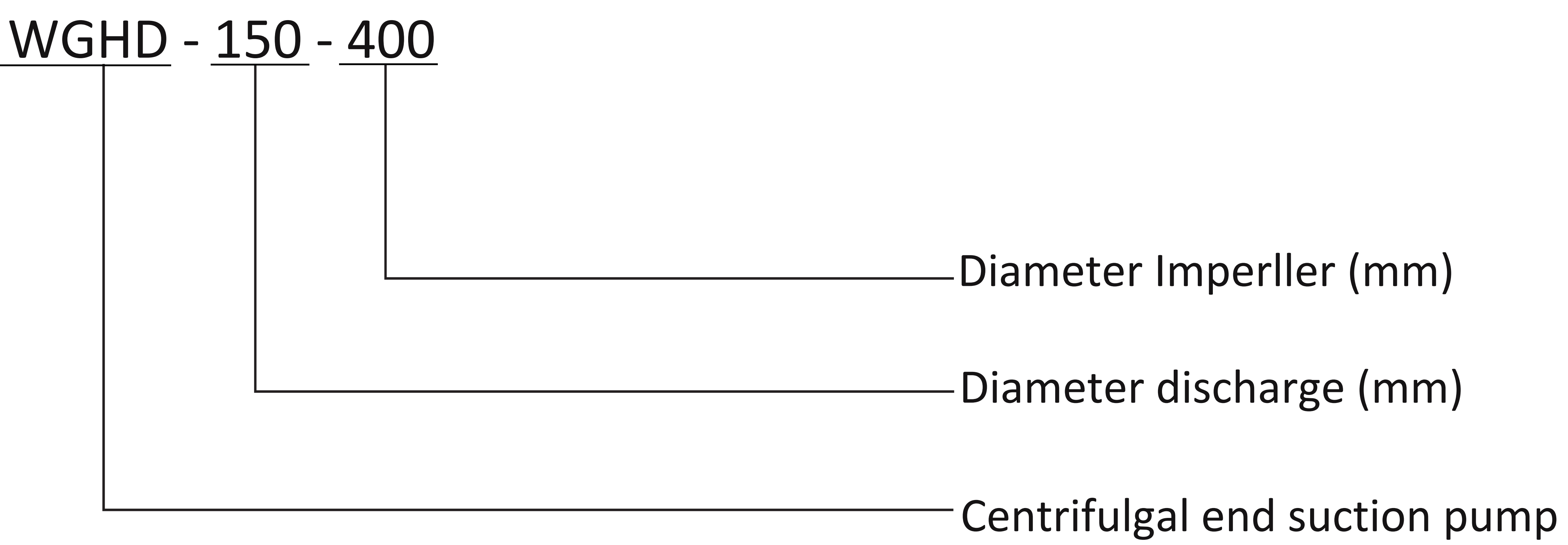
Special attention:part missing or wrong order assembling easily happen on little parts such as impeller key, check-ring,seal ring.Pump dismantle should follow the reversed assembling order.

## Installation

Installation has strong impact on the pump operation and life.Therefore,installation and adjustment must be carefully done.Refer to the below table for the pump shape and installation dimensions.Installation and adjustment ateps as below.

- 1 Remove grease and dirt on baseplate.Put the baseplate on foundation.
- 2 Check foundation levelness by leveling instrument and wedge foundation if necessary. 3 Pour baseplate and foot bolt hole by concrete.
- 4 Check baseplate and foot bolt hole to ensure fixed well after concrete solidification.Then tighten foot bolt and check levelness again.
- 5 Clean baseplate supporting surface,pump foot surface and motor foot surface and install motor and pump on baseplate
- 6 Keep certainly clearance between motor and pump coupling.Check axial concentricity of pump and motorshaft. Adjust them by thin gasket to guarantee concentricity.

Product Model Instruction

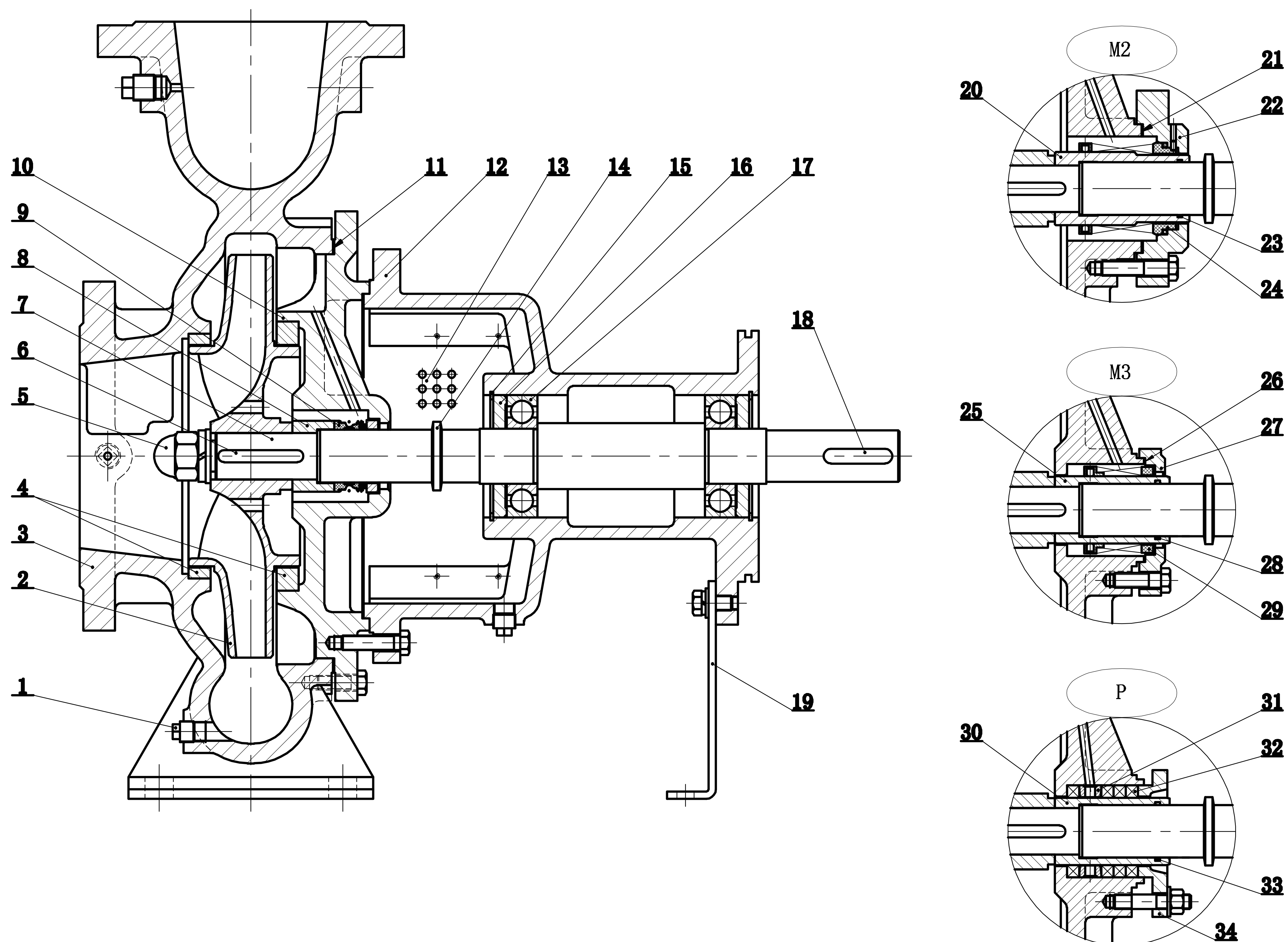


Standard material list for main components:

| Component       | Material        | Specification             | Component                                     | Material        | Specification  |
|-----------------|-----------------|---------------------------|-----------------------------------------------|-----------------|----------------|
| Stainless steel | Grey cast iron  | FC200<br>FC250            | Impeller<br>Suction ring                      | Grey cast iron  | FC250<br>FC200 |
|                 | Ductile cast    | FCD400-18                 |                                               | Ductile cast    | FCD400-18      |
|                 |                 | FCD450-10                 |                                               |                 | FCD450-10      |
|                 |                 | FCD500-7                  |                                               |                 | FCD500-7       |
|                 | Cast steel      | ZG230-450                 |                                               | Cast steel      | ZG230-450      |
|                 |                 | ZG270-500                 |                                               |                 | ZG270-500      |
|                 | Cast steel      | CF8(304)                  |                                               | Cast steel      | CF8(304)       |
|                 |                 | CF3(304L)                 |                                               |                 | CF3(304L)      |
|                 |                 | CF8M(316)                 |                                               |                 | CF8M(316)      |
|                 |                 | CF3M(316L)                |                                               |                 | CF3M(316L)     |
|                 |                 | 2205、2507                 |                                               |                 | 2205、2507      |
| Shaft           | Cast copper     | ZCuAl10Fe3                | Shaft sleeve<br>Mechanical Seal location base | Cast copper     | ZCuAl10Fe3     |
|                 |                 | ZCuSn5Pb5Zn5              |                                               |                 | ZCuSn5Pb5Zn5   |
|                 | Carbon steel    | Alloy steek<br>45<br>40Cr |                                               | Stainless steel | SUS 420        |
|                 |                 |                           |                                               |                 | SUS 431        |
|                 |                 |                           |                                               |                 | SUS 304        |
|                 |                 |                           |                                               |                 | SUS 304L       |
|                 |                 |                           |                                               |                 | SUS 316        |
|                 |                 |                           |                                               |                 | SUS 316L       |
|                 |                 |                           |                                               |                 | S31803         |
|                 |                 |                           |                                               |                 | S32750         |
|                 | Stainless steel | SUS 420                   |                                               |                 |                |
|                 |                 | SUS 431                   |                                               |                 |                |
|                 |                 | SUS 304                   |                                               |                 |                |
|                 |                 | SUS 304L                  |                                               |                 |                |
|                 |                 | SUS 316                   |                                               |                 |                |
|                 |                 | SUS 316L                  |                                               |                 |                |
|                 |                 | S 31803                   |                                               |                 |                |
|                 |                 | S 32750                   |                                               |                 |                |

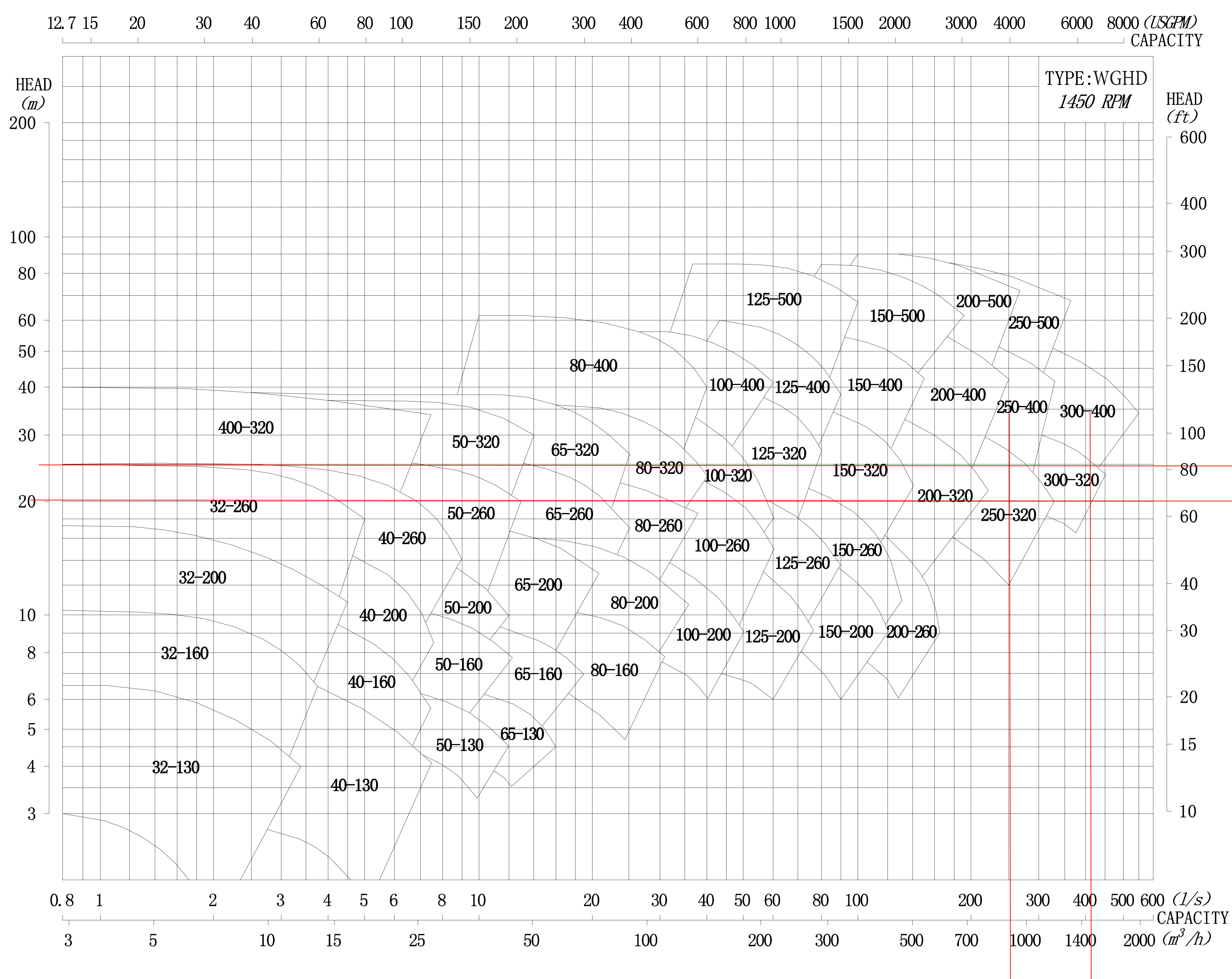
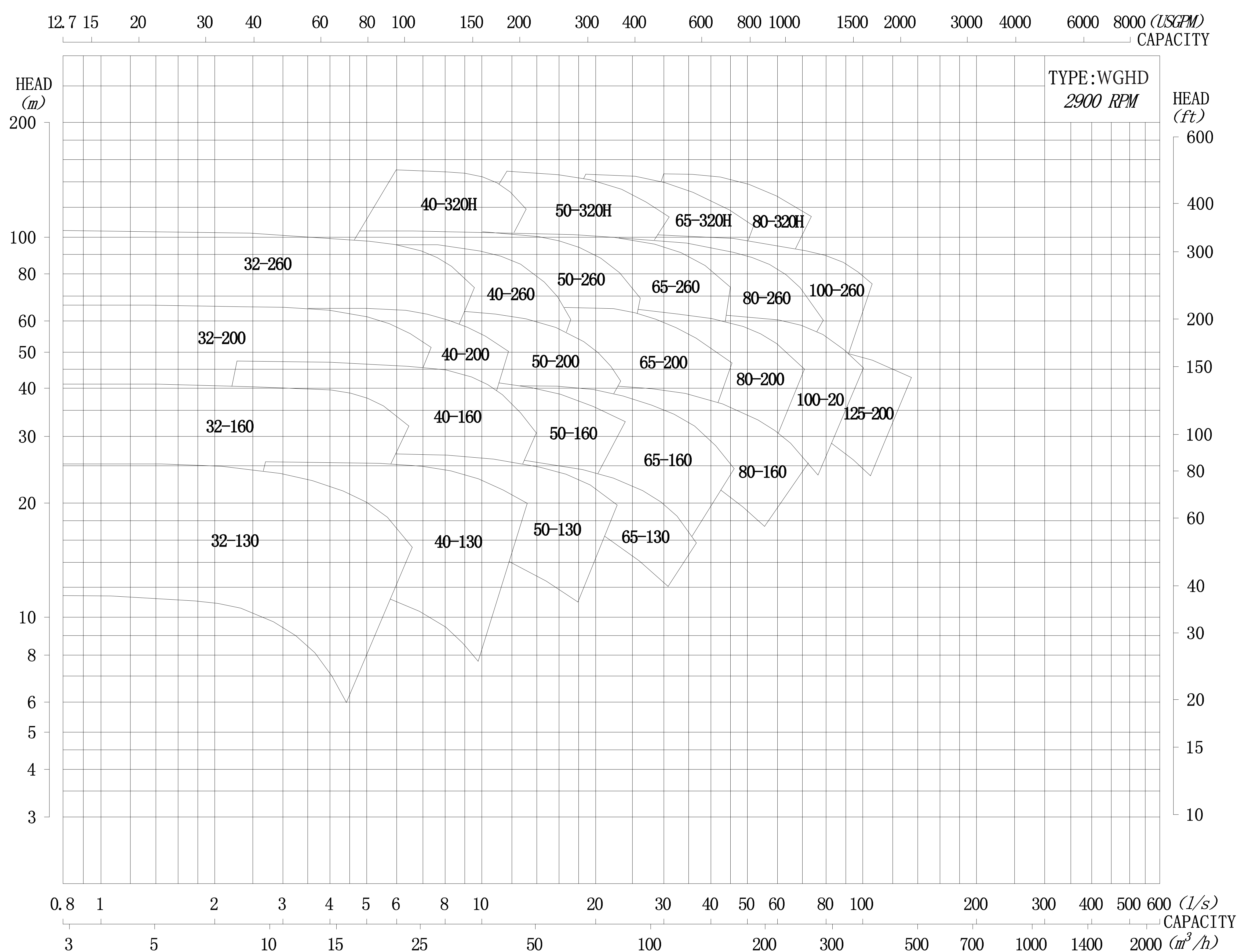
Remark:material change is also acceptable if customer required.

# Section End-Suction Centrifugal Pump

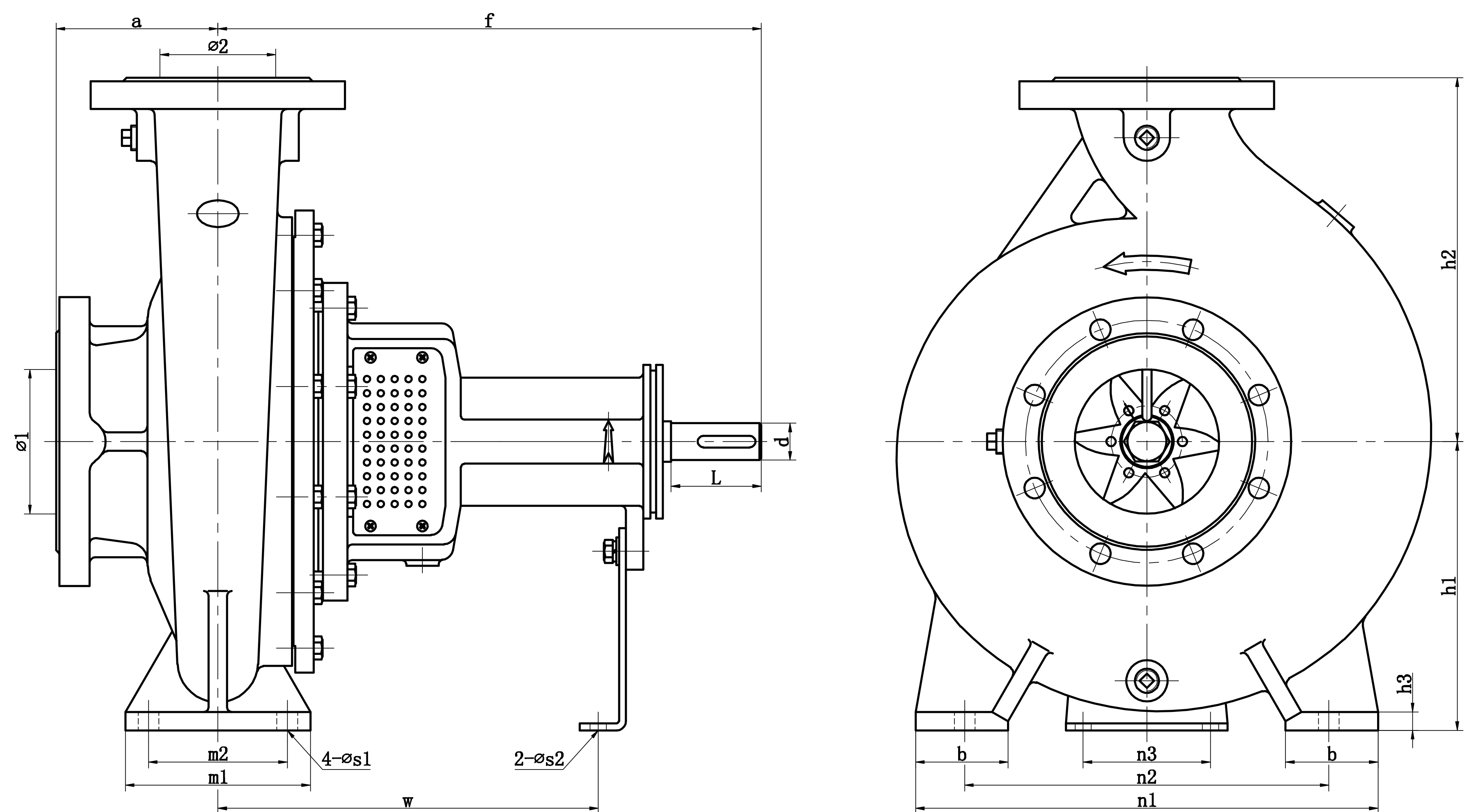


- |                             |                                    |                                    |
|-----------------------------|------------------------------------|------------------------------------|
| 1. Screw plug               | 12. Bearing bracket                | 23. O-ring                         |
| 2. Impeller                 | 13. Protection cover               | 24. Mechanical seal(M2 type)       |
| 3. Pump housing             | 14. Thrower                        | 25. Shaft sleeve(M3 type)          |
| 4. Wear ring                | 15. Lock ring                      | 26. Gasket                         |
| 5. Impeller nut             | 16. Cover(bearing)                 | 27. Mechanical seal cover(M3 type) |
| 6. Key for impeller         | 17. Bearing                        | 28. O-ring                         |
| 7. Shaft                    | 18. Coupling key                   | 29. Mechanical seal(M3 type)       |
| 8. Distance ring            | 19. Pump foot                      | 30. Shaft sleeve(P type)           |
| 9. Mechanical seal(M1 type) | 20. Shaft sleeve(M2 type)          | 31. Gland ring                     |
| 10. Pressure cover          | 21. Gasket                         | 32. Gland packing                  |
| 11. Housing seal            | 22. Mechanical seal cover(M2 type) | 33. O-ring                         |

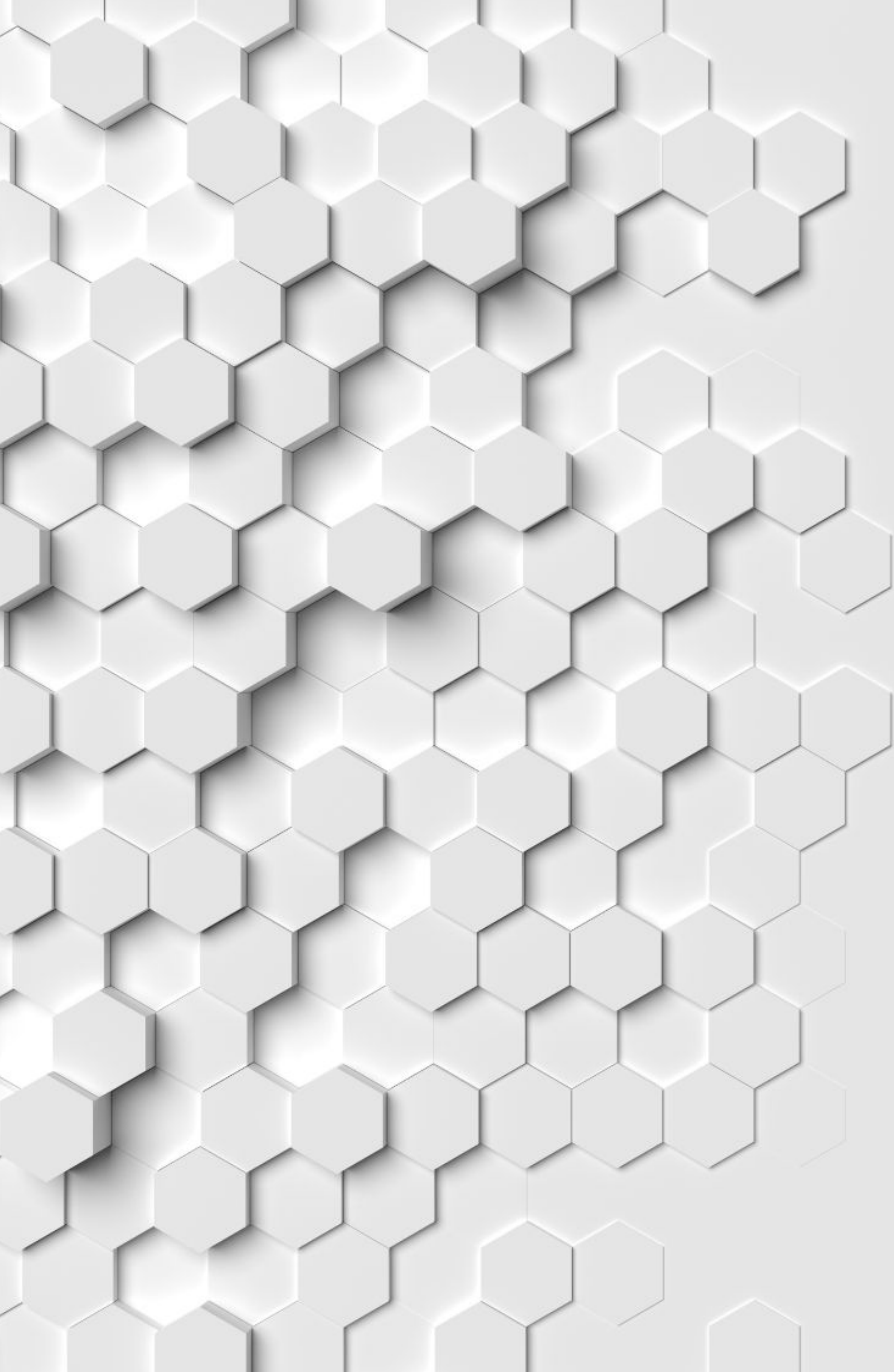
## Overall Performance Curve



Dimension drawing and dimension sheet of pump



| Pump specification | Shaft dia. | Inlet Ø1 | Outlet Ø2 | Pump dimension |     |     |     | Dimension of pump foot |     |     |     |     |     |    |     |     |     |    |     |           | Shaft terminal Dia. |  | Specification of coupling terminal |
|--------------------|------------|----------|-----------|----------------|-----|-----|-----|------------------------|-----|-----|-----|-----|-----|----|-----|-----|-----|----|-----|-----------|---------------------|--|------------------------------------|
|                    |            |          |           | a              | f   | h1  | h2  | b                      | m1  | m2  | n1  | n2  | n3  | h3 | Øs1 | Øs2 | w   | d  | L   |           |                     |  |                                    |
| WGHD32-130         | 25         | Ø50      | Ø32       | 80             | 360 | 112 | 140 | 50                     | 100 | 70  | 190 | 140 | 100 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD32-160         | 25         | Ø50      | Ø32       | 80             | 360 | 132 | 160 | 50                     | 100 | 70  | 240 | 190 | 100 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD32-200         | 25         | Ø50      | Ø32       | 80             | 360 | 160 | 180 | 50                     | 100 | 70  | 240 | 190 | 110 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD32-260         | 25         | Ø50      | Ø32       | 100            | 360 | 180 | 225 | 65                     | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD40-130         | 25         | Ø65      | Ø40       | 80             | 360 | 112 | 140 | 50                     | 100 | 70  | 210 | 160 | 100 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD40-160         | 25         | Ø65      | Ø40       | 80             | 360 | 132 | 160 | 50                     | 100 | 70  | 240 | 190 | 100 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD40-200         | 25         | Ø65      | Ø40       | 100            | 360 | 160 | 180 | 50                     | 100 | 70  | 265 | 212 | 110 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD40-260         | 25         | Ø65      | Ø40       | 100            | 360 | 180 | 225 | 65                     | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD40-320         | 35         | Ø65      | Ø40       | 125            | 470 | 200 | 225 | 65                     | 125 | 95  | 345 | 280 | 110 | 14 | 14  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD50-130         | 25         | Ø65      | Ø50       | 100            | 360 | 132 | 160 | 50                     | 100 | 70  | 240 | 190 | 100 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD50-160         | 25         | Ø65      | Ø50       | 100            | 360 | 160 | 180 | 50                     | 100 | 70  | 265 | 212 | 110 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD50-200         | 25         | Ø65      | Ø50       | 100            | 360 | 160 | 200 | 50                     | 100 | 70  | 265 | 212 | 110 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD50-260         | 25         | Ø65      | Ø50       | 100            | 360 | 180 | 225 | 65                     | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD50-320         | 35         | Ø65      | Ø50       | 125            | 470 | 225 | 280 | 65                     | 125 | 95  | 345 | 280 | 110 | 16 | 14  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD65-130         | 25         | Ø80      | Ø65       | 100            | 360 | 160 | 180 | 65                     | 125 | 95  | 280 | 212 | 110 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD65-160         | 25         | Ø80      | Ø65       | 100            | 360 | 160 | 200 | 65                     | 125 | 95  | 280 | 212 | 110 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD65-200         | 25         | Ø80      | Ø65       | 100            | 360 | 180 | 225 | 65                     | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD65-260         | 35         | Ø80      | Ø65       | 100            | 470 | 200 | 250 | 80                     | 160 | 120 | 360 | 280 | 110 | 16 | 18  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD65-320         | 35         | Ø80      | Ø65       | 125            | 470 | 225 | 280 | 80                     | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD80-160         | 25         | Ø100     | Ø80       | 125            | 360 | 180 | 225 | 65                     | 125 | 95  | 320 | 250 | 110 | 14 | 14  | 14  | 250 | 24 | 50  | 8*7*32    |                     |  |                                    |
| WGHD80-200         | 35         | Ø100     | Ø80       | 125            | 470 | 180 | 250 | 65                     | 125 | 95  | 345 | 280 | 110 | 14 | 14  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD80-260         | 35         | Ø100     | Ø80       | 125            | 470 | 200 | 280 | 80                     | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD80-320         | 35         | Ø100     | Ø80       | 125            | 470 | 250 | 315 | 80                     | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD80-400         | 45         | Ø100     | Ø80       | 125            | 520 | 280 | 355 | 85                     | 160 | 120 | 400 | 355 | 110 | 16 | 18  | 14  | 355 | 42 | 110 | 12*8*56   |                     |  |                                    |
| WGHD100-200        | 35         | Ø125     | Ø100      | 125            | 470 | 200 | 280 | 80                     | 160 | 120 | 360 | 280 | 110 | 16 | 18  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD100-260        | 35         | Ø125     | Ø100      | 140            | 470 | 225 | 280 | 80                     | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD100-320        | 35         | Ø125     | Ø100      | 140            | 470 | 250 | 315 | 80                     | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD100-400        | 45         | Ø125     | Ø100      | 140            | 530 | 280 | 355 | 100                    | 200 | 150 | 500 | 400 | 110 | 18 | 23  | 14  | 355 | 42 | 110 | 12*8*56   |                     |  |                                    |
| WGHD125-200        | 35         | Ø150     | Ø125      | 140            | 470 | 250 | 315 | 80                     | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD125-260        | 35         | Ø150     | Ø125      | 140            | 470 | 250 | 355 | 80                     | 160 | 120 | 400 | 315 | 110 | 16 | 18  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD125-320        | 45         | Ø150     | Ø125      | 140            | 530 | 280 | 355 | 100                    | 200 | 150 | 500 | 400 | 110 | 18 | 23  | 14  | 355 | 42 | 110 | 12*8*56   |                     |  |                                    |
| WGHD125-400        | 45         | Ø150     | Ø125      | 140            | 530 | 315 | 400 | 100                    | 200 | 150 | 500 | 400 | 110 | 18 | 23  | 14  | 355 | 42 | 110 | 12*8*56   |                     |  |                                    |
| WGHD125-500        | 60         | Ø150     | Ø125      | 180            | 670 | 375 | 500 | 120                    | 200 | 150 | 550 | 450 | 140 | 25 | 23  | 14  | 495 | 55 | 110 | 16*10*100 |                     |  |                                    |
| WGHD150-200        | 35G        | Ø200     | Ø150      | 160            | 495 | 280 | 400 | 100                    | 200 | 150 | 550 | 450 | 110 | 20 | 23  | 14  | 328 | 32 | 80  | 10*8*40   |                     |  |                                    |
| WGHD150-260        | 45         | Ø200     | Ø150      | 160            | 530 | 250 | 355 | 100                    | 200 | 150 | 450 | 350 | 110 | 18 | 23  | 14  | 355 | 42 | 110 | 12*8*56   |                     |  |                                    |
| WGHD150-320        | 45         | Ø200     | Ø150      | 160            | 530 | 280 | 400 | 100                    | 200 | 150 | 550 | 450 | 110 | 18 | 23  | 14  | 355 | 42 | 110 | 12*8*56   |                     |  |                                    |
| WGHD150-400        | 45         | Ø200     | Ø150      | 160            | 530 | 315 | 450 | 100                    | 200 | 150 | 550 | 450 | 110 | 18 | 23  | 14  | 355 | 42 | 110 | 12*8*56   |                     |  |                                    |
| WGHD150-500        | 60         | Ø200     | Ø150      | 180            | 670 | 375 | 500 | 120                    | 200 | 150 | 550 | 450 | 140 | 25 | 23  | 14  | 495 | 55 | 110 | 16*10*100 |                     |  |                                    |
| WGHD200-260        | 45         | Ø250     | Ø200      | 180            | 550 | 280 | 400 | 100                    | 200 | 150 | 550 | 450 | 110 | 25 | 27  | 14  | 389 | 42 | 110 | 12*8*56   |                     |  |                                    |
| WGHD200-320        | 55         | Ø250     | Ø200      | 200            | 670 | 355 | 450 | 100                    | 200 | 150 | 550 | 450 | 110 | 20 | 23  | 14  | 495 | 48 | 110 | 14*9*100  |                     |  |                                    |
| WGHD200-400        | 55         | Ø250     | Ø200      | 200            | 670 | 355 | 500 | 120                    | 200 | 150 | 550 | 450 | 110 | 20 | 23  | 14  | 495 | 48 | 110 | 14*9*100  |                     |  |                                    |
| WGHD200-500        | 60         | Ø250     | Ø200      | 210            | 675 | 400 | 500 | 160                    | 300 | 240 | 720 | 600 | 140 | 30 | 27  | 14  | 495 | 55 | 110 | 16*10*100 |                     |  |                                    |
| WGHD250-320        | 55         | Ø300     | Ø250      | 200            | 670 | 355 | 525 | 100                    | 250 | 175 | 600 | 500 | 110 | 24 | 23  | 14  | 495 | 48 | 110 | 14*9*100  |                     |  |                                    |
| WGHD250-400        | 60         | Ø300     | Ø250      | 250            | 670 | 400 | 500 | 120                    | 300 | 250 | 710 | 600 | 140 | 25 | 23  | 14  | 495 | 55 | 110 | 16*10*100 |                     |  |                                    |
| WGHD250-500        | 75         | Ø300     | Ø250      | 240            | 875 | 425 | 545 | 160                    | 300 | 200 | 720 | 600 | 140 | 30 | 27  | 19  | 655 | 70 | 140 | 20*12*120 |                     |  |                                    |
| WGHD300-400        | 75         | Ø350     | Ø300      | 280            | 875 | 500 | 600 | 150                    | 300 | 200 | 800 | 660 | 140 | 40 | 27  | 19  | 655 | 70 | 140 | 20*12*120 |                     |  |                                    |
| WGHD300-320        | 70         | Ø510     | Ø300      | 260            | 875 | 400 | 560 | 140                    | 300 | 200 | 750 | 600 | 140 | 32 | 26  | 19  | 655 | 70 | 140 | 20*12*120 |                     |  |                                    |



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