



Beyond the Flow of Things



Dragon pumps & systems is one famous professional manufacturer with over forty (40) years experience. The company's operation policy is "humane technology and scientific management, constantly improving products quality to satisfy customers". We introduced advanced equipment and management, and constantly develop new products. So now we have 80 various products pumps, valves, pipe fitting, motor, diesel engines, generator, water meter and accessories.

Our wide range of application will help customer in over the world satisfaction with water supply, pressure boosting, drainage, heating, air-conditioning, control the choice is yours. Whatever your needs, our high-tech pumps and valves are as economic as they come. Every product is backed by the wealth of skills Dragon puts into intelligent all-round systems. And you benefit from our comprehensive advice and first-class global service network.



Our company has already passed the ISO9001 quality system. At the same time the company is expanding the overseas market continuously, the product exports to 30 countries of the Europe, Southeast Asia and Africa, and get the consumers consistent good opinion of the high quantity.

Dragon pumps & systems with the Parent company is located in Nevada, USA and it's OEM factories in Germany, Italy, Spain, India, China, Singapore to assure the highest quality in workmanship and performance.

All products are manufactured to rigid international specifications with competitive pricing and we back up our products with a full one (1) year warranty.



Commercial



Domestic



Drainage



Industrial



Marine

DESCRIPTION:

The DSR pumps series comply fully to the European standard DIN24255. This standard covers both performance and dimension. The DSR pumps series are used for pumping clean water or liquids with characteristics similar to water. For a pump of same the model, the performance can be changed by trimming the outer diameter of the impeller. Only four shafts are required to cover the total range, and this gives many common interchangeable parts for pumps fitted to the same shaft. Just like the shaft, the bearing house has only four sizes for the whole series.

The pump has a back pull-out design, and when a suitable spacer coupling is fitted to a direct coupled unit, the casing and motor can remain in position while. All other pump parts can be removed for simple and quick maintenance.



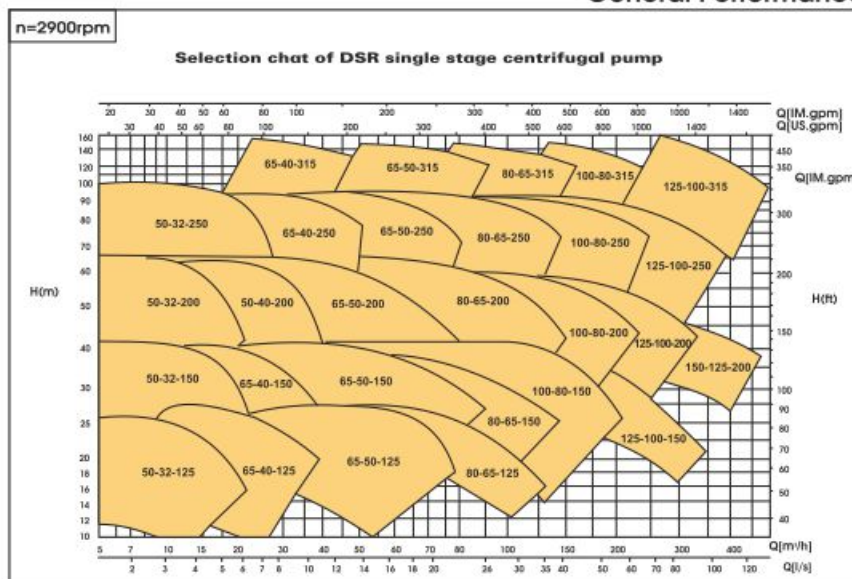
DSR Series

TECHNICAL DATA

- ▶▶ Flow, Q: Max. 1100 m³/h
- ▶▶ Head, H: Max. 150m
- ▶▶ Liquid temp: -10°C~+150°C
- ▶▶ Operate. Pressure: Max. 16 bar



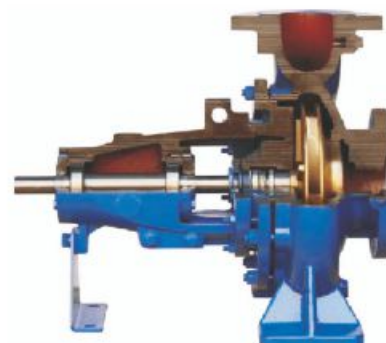
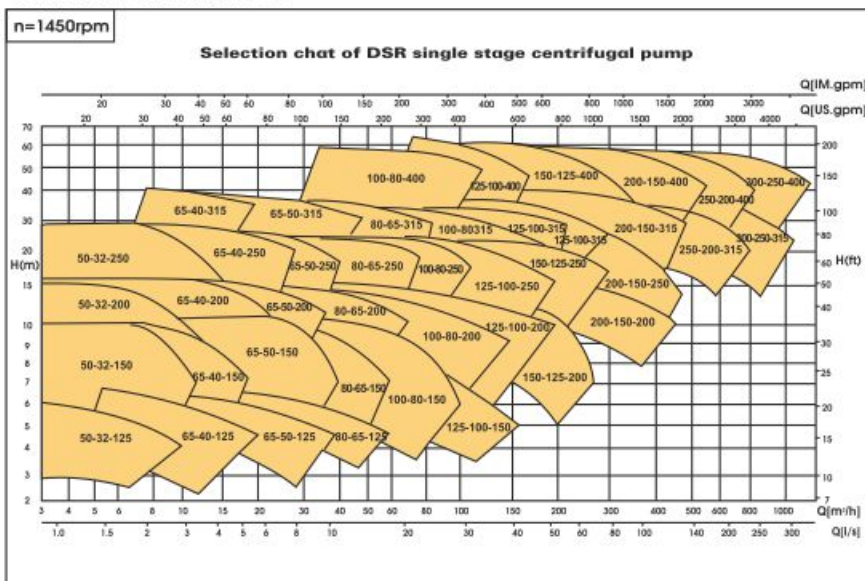
General Performance



MATERIAL

- ▶▶ **Casing:** Cast & Ductile Iron, Stainless Steel
- ▶▶ **Impeller:** Bronze, Cast Iron & Stainless Steel
- ▶▶ **Shaft:** AISI420 standard, optional AISI304 & AISI316
- ▶▶ **Seal:** Mechanical, Carbon-Sic/Vinton, Gland Packing.

General Performance



APPLICATIONS

- ▶▶ Air Conditioning, Heating and Ventilating.
- ▶▶ Transfer, Water treatment and supply.
- ▶▶ Irrigation, Drainage water, Process Industry
- ▶▶ Refrigeration, Factory Pumping.
- ▶▶ Circulating, Water Pressure Boosting.
- ▶▶ Plumbing, Food and Drink manufacture.
- ▶▶ Process Industry, Fire Protection, Petroleum.

DVM Series - Vertical Multi-Stage SS Pumps

TECHNICAL DATA

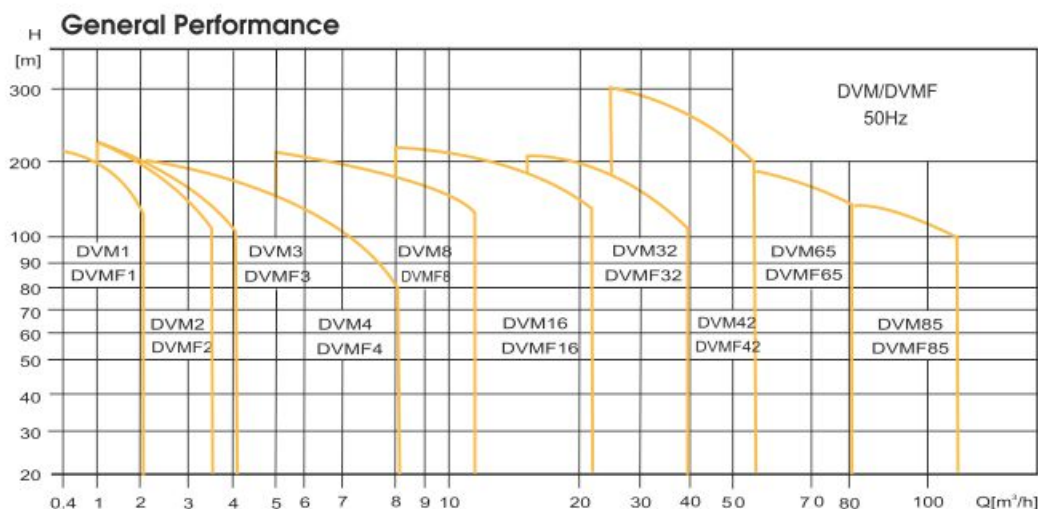
- ▶ Flow, Q: Max.120 m³/h
- ▶ Head, H: Max.330m
- ▶ Liquid temp: +40°C~+180°C
- ▶ Operate. Pressure: Max.33 bar

APPLICATIONS

- ▶ Water supply systems: High Building, Community, Villa.
- ▶ Irrigation systems: Garden, Cernua, Park, Farm.
- ▶ Commercial Building: Hotel, Office, Marketplace, Large - sauna.
- ▶ Industrial plant: Factory, Grocery industry, Washing device, Marking product.
- ▶ Public location: Hospital, School, Palustre, Golf court, Atrium.



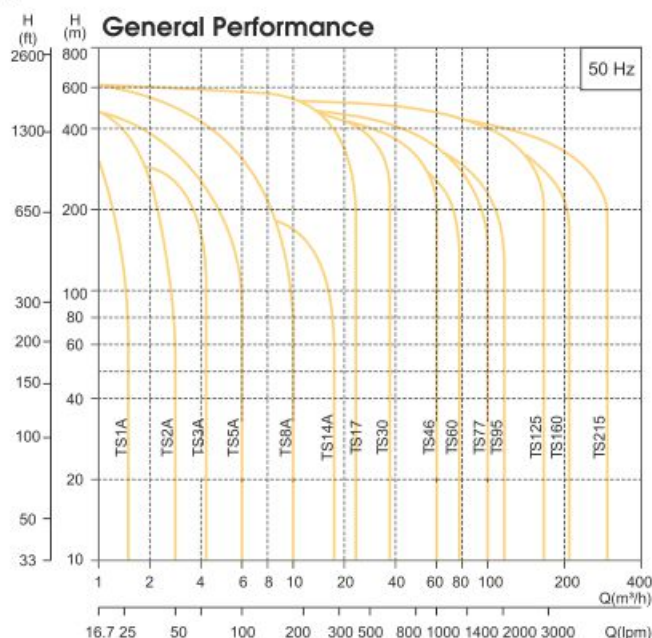
DVM Series



TS,TR Series - Deep Wells Submersible Pumps

TECHNICAL DATA

- ▶ Flow, Q: Max.220 m³/h
- ▶ Head, H: Max.600m
- ▶ Liquid temp: 0°C~+60°C
- ▶ Operate. Pressure: Max.30 bar
- ▶ PH: 6.5~8.5



TR,TS Series

APPLICATIONS

- ▶ Water supply systems: Lowering Underground Water Level Booster
- ▶ Irrigation systems: Garden, Cernua, Park, Farm.
- ▶ Industrial plant: Factory, Grocery industry, Washing device.
- ▶ Public location: Hospital, School, Palustre, Golf court, Atrium.

DY Series- Horizontal Multi-stage Pumps

DY Series pumps are in multi-stage single casing sectional horizontal construction designed for high-head pumping various kinds of liquids without solids, applicable to a wide range of tough and heavy circumstances.

TECHNICAL DATA

- ▶▶ Flow, Q: Max.450 m³/h
- ▶▶ Head, H: Max.650m
- ▶▶ Liquid temp: +4°C~+80°C
- ▶▶ Operate Pressure: Max.25bar

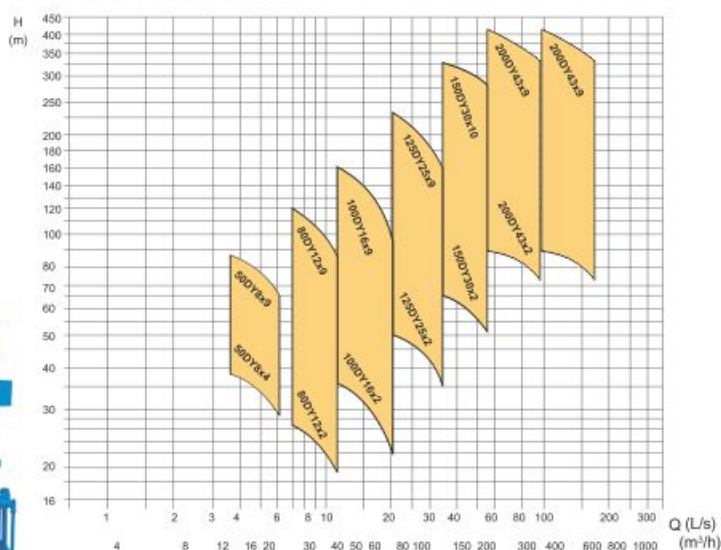
APPLICATIONS

- ▶▶ Water supply systems: High Building, Community, Villa.
- ▶▶ Irrigation systems: Garden, Park, Farm.
- ▶▶ Commercial Building: Hotel, Office, Marketplace.
- ▶▶ Industrial plant: Factory, Grocery industry.
- ▶▶ Public location: Hospital, School, Golf court.



DY Series

General Performance



DQZ, DQH Series - Axial Mixed Flow Pump

DQZ, DQH series, are axial flow vertical submersible pumps designed for large capacity and low head applications. Ideal for pumping of municipal and industrial clean water, sewage, rain water, sea water in a wide range of applications, such as water supply and drainage in municipal, mine and power stations, agricultural irrigation and flood controls, water level regulation in shipyard docks etc..

TECHNICAL DATA

- ▶▶ Flow, Q: Max.40,000 m³/h
- ▶▶ Head, H: Max.21m
- ▶▶ Liquid temp: 0°C~+60°C
- ▶▶ Operate. Pressure: Max.10bar

APPLICATIONS

- ▶▶ Industry & agriculture
- ▶▶ Water supply for cities
- ▶▶ Mild sewage drainage
- ▶▶ Water transfer project



Z(H)LB Series - Axial Mixed Flow Pump

Z(H)LB Series are vertical axial flow pumps designed for water supply and drainage applications in industrial, municipal and agricultural irrigation projects including metallurgy, mining, chemical, power plants and water level regulation in shipyard docks etc.. Applicable to clean water, rain water, sewage and sea water with temperature up to 50°C.

TECHNICAL DATA

- ▶▶ Flow, Q: Max.35,000 m³/h
- ▶▶ Head, H: Max.30m
- ▶▶ Liquid temp: Max.50°C
- ▶▶ Operate. Pressure: Max.10bar

APPLICATIONS

- ▶▶ Industry & agriculture
- ▶▶ Water supply for cities
- ▶▶ Mild sewage drainage
- ▶▶ Water transfer project



DSW Series

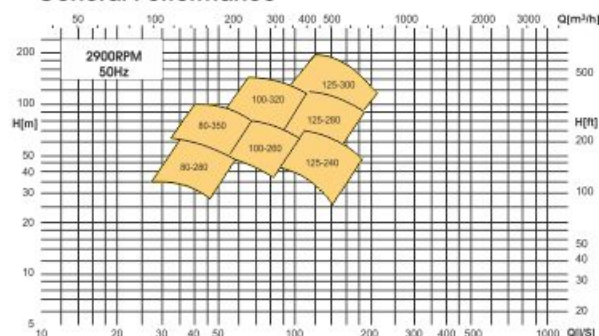
The DSW Series is a double suction, horizontal, split case centrifugal pump available in 46 sizes from 80x280 to 800-980 for heads up to 200 m and flows up to 11,600 m³/h. The DSW Series has a maximum operating pressure of 25 bar and a maximum operating temperature of 105°C.

The DSW Series pumps are used for air conditioning, cooling towers, irrigation and drainage pumping stations, power stations, industrial water supply systems and fire fighting applications.

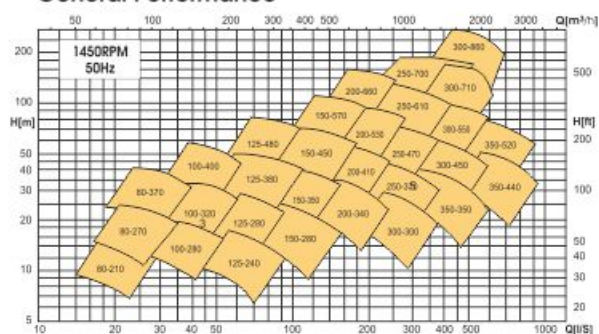
TECHNICAL DATA

- ▶▶ Flow, Q: Max. 11600 m³/h
- ▶▶ Head, H: Max. 200m
- ▶▶ Liquid temp: Max. +105°C
- ▶▶ Operate. Pressure: Max. 25bar

General Performance



General Performance

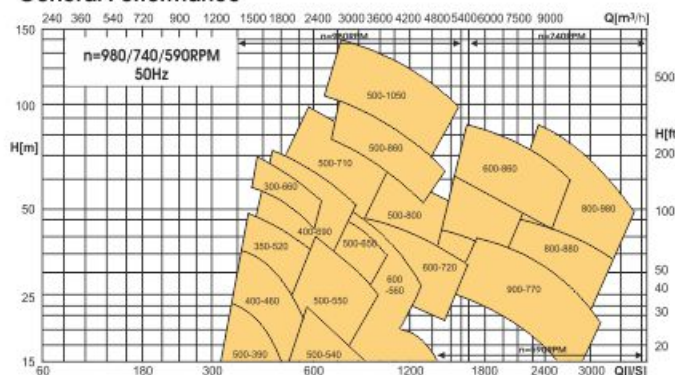


DSW Series

MATERIAL

- ▶▶ **Casing:** Cast & Ductile Iron, Stainless Steel
- ▶▶ **Impeller:** Bronze, Cast Iron & Stainless Steel
- ▶▶ **Shaft:** AISI420 standard, optional AISI304 & AISI316
- ▶▶ **Seal:** Mechanical, Carbon-Sic/Vinton, Gland Packing.

General Performance



DE, DA Series Closed-Couple Centrifugal Pumps



DE Series



DA Series

DESCRIPTIONS:

They are manufactured DE series according to EN 733, DA series according to DIN 24255 standards. Overall dimensions, sizes and positions of suction and delivery openings, support feet and performance comply with these standards. Their structural shape allows dismantling without disconnecting the pump body from the pipeline (back pull out), making them easy to use in widely varying conditions. They should be installed in a covered area, protected against weather.

TECHNICAL DATA

- ▶▶ Flow, Q: Max. 550 m³/h
- ▶▶ Head, H: Max. 150m
- ▶▶ Liquid temp: Max. 100°C
- ▶▶ Operate. Pressure: Max. 16bar

APPLICATIONS

- ▶▶ Air Conditioning, Heating and Ventilating.
- ▶▶ Transfer, Water treatment and supply.
- ▶▶ Irrigation, Drainage water, Process Industry
- ▶▶ Refrigeration, Factory Pumping.
- ▶▶ Circulating, Water Pressure Boosting.
- ▶▶ Plumbing, Food and Drink manufacture.
- ▶▶ Process Industry, Fire Protection, Petroleum.

DLS Series - Single Stage Vertical Centrifugal Pump

DESCRIPTIONS:

DLS-Type Single-Stage Single-Suction Vertical Centrifugal Pump adopts advanced hydraulic model and is made according to the performance parameter of DSR-type centrifugal pump and the special structure design of horizontal pump and ISO2858 standard. The pump has characteristics of high efficiency, energy-saving, dependable performance, convenient installation, etc.

TECHNICAL DATA

- ▶ Flow, Q: Max.2400 m³/h
- ▶ Head, H: Max.150m
- ▶ Liquid temp: Max.120°C
- ▶ Operate. Pressure: Max.16bar

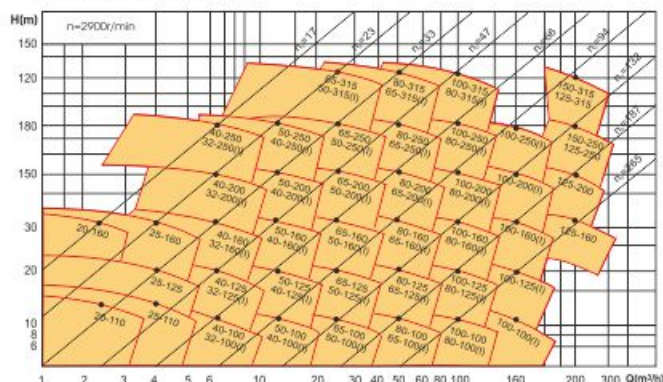
APPLICATIONS

- ▶ District heating plants
- ▶ Water supply systems and drainage of industry and city
- ▶ Air-conditioning systems, HVAC circulation
- ▶ Cooling plants, bathroom water circulation pressurizing equipments
- ▶ Industry, long-distance feeding
- ▶ Fire fighting systems
- ▶ Environment engineering, garden spray irrigation

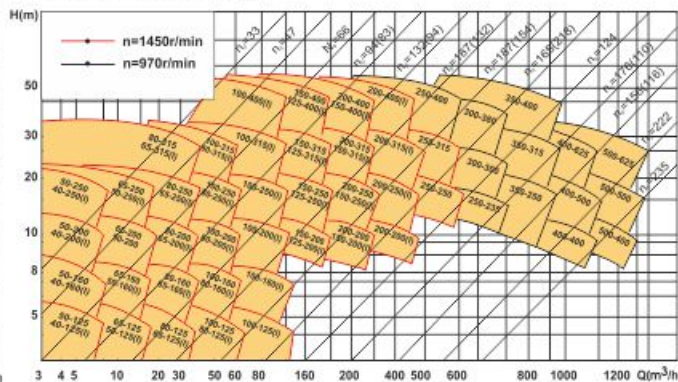


DLS Series

General Performance



General Performance



DQW,DWQ Submersible Sewage Pumps



DWQ Series

DWQ pumps, are single-stage single suction vertical submersible pumps designed for pumping of municipal and industrial sewage, dejecta or liquids containing fibers and scraps and so on, as well as for oil extraction, water treatment and field irrigation.

APPLICATIONS

The pumps are suitable for the following applications

- ▶ Wastewater treatment systems in high buildings, mines, industrial and municipal projects.
- ▶ Drainage sewage relay and treatment in municipal environment protection systems.
- ▶ Field drilling and mining.
- ▶ Drainage in foodstuff, pharmacy and commercial systems.
- ▶ Drainage in flood control and water plants.
- ▶ Drainage in agricultural irrigation and so on



DQW Series

TECHNICAL DATA

- ▶ Flow, Q: Max.6000m³/h
- ▶ Flow, H: Max.70m
- ▶ Liquid temp: 0°C~+60°C
- ▶ Discharge diameter: DN 50 to DN 600
- ▶ Particle size: max. 50% outlet size

FEATURES AND BENEFITS

- ▶ Wide range
- ▶ Smart Trim
- ▶ Operation with/without cooling jacket
- ▶ Different types of impeller
- ▶ Built-in motor protection.

TECHNICAL DATA

- ▶ Flow, Q: Max.2700m³/h
- ▶ Flow, H: Max.80m
- ▶ Liquid temp: 0°C~+40°C
- ▶ Discharge diameter: DN 80 to DN 600
- ▶ Particle size: max. 45mm

DSR Series - Single-Stage Fire Fighting Pumps

Technical Data

- ▶▶ Flow, Q: Max.1100 m³/h
- ▶▶ Head, H: Max.150m
- ▶▶ Liquid temp: -10°C~+105°C
- ▶▶ Operate Pressure: Max.16bar
- ▶▶ Driver Options: Diesel, Electric



DY Series



DLF Series

DVM Series - Jockey Pumps

Technical Data

- ▶▶ Flow, Q: Max.120 m³/h
- ▶▶ Head, H: Max.330m
- ▶▶ Liquid temp: +40°C~+180°C
- ▶▶ Operate. Pressure: Max.33 bar

DSW Series - Split Casing Fire Fighting Pumps

Technical Data

- ▶▶ Flow, Q: Max.11600 m³/h
- ▶▶ Head, H: Max.200m
- ▶▶ Liquid temp: Max.+105°C
- ▶▶ Operate. Pressure: Max.25bar
- ▶▶ Driver Options: Diesel, Electric



DY Series - Horizontal Multi-Stages Fire Fighting Pumps

Technical Data

- ▶▶ Flow, Q: Max.500 m³/h
- ▶▶ Head, H: Max.420m
- ▶▶ Liquid temp: +4°C~+100°C
- ▶▶ Operate Pressure: Max.25bar
- ▶▶ Driver Options: Diesel, Electric

DLF Series -CI Vertical Multi Stages Fire Fighting Pumps

Technical Data

- ▶▶ Flow, Q: Max.360 m³/h
- ▶▶ Head, H: Max.300m
- ▶▶ Liquid temp: Max 100°C
- ▶▶ Operate. Pressure: Max.30 bar



DVM Series



DSW Series

Diesel Engines



- ▶▶ Type: Vertical, Water-cooled, Four-Stroke
- ▶▶ Direction-injector
- ▶▶ Direction of Crankshaft Rotation: Counter clock wise
- ▶▶ Cooling Method: Forced Water Cooling
- ▶▶ Lubricating Method: Pressure and Splash Lubricating
- ▶▶ Starting Method: Electric Starting

Electric Motors



- ▶▶ Frame size: H80~355
- ▶▶ Power:0.18~315kW
- ▶▶ Synchronous speed: 3000;1500;
- ▶▶ 1000;750RPM
- ▶▶ Voltage:230/400V;400/690V
- ▶▶ Frequency:50Hz 60Hz
- ▶▶ Protection class:IP44/IP54/IP55
- ▶▶ Insulation class: B/F 0 Ambi. Temperature: -15~+40C
- ▶▶ Altitude above sea level: <1000m

Diesel Generators



APPLICATIONS

- » Buildings
- » Airports, Hospitals
- » Tourist services
- » Communication
- » Mining
- » Navigation
- » Agriculture

FEATURES

A Series Silenced diesel generator sets will have the following specialized:

- » Water-proof, can be used outdoors.
- » External control board, electricity power output ports, emergency stop buttons, easy to be operated.
- » Be craned or transported by a forklift, simply to be moved.
- » With high strength chassis and works only to be put on the even ground.
- » Using Soundproof canopy and silencer, went without reducing output power of generator sets.

DSM Submersible Mixer



TECHNICAL DATA

- » Max medium temperature 40°C
- » Acid value PH=5~9
- » Medium density <1150kg/m³
- » Max submerged depth is no more than 20m while long time operation

DAM Submersible Aerator

APPLICATION AND FEATURES

- » Waste water treatment plant
- » Fine bubbles created, high efficiency oxygen transfer
- » Quick installation and maintenance
- » Silent working thanks to F class IP 68 motor



DRP Recirculating Pump



FEATURES

- » Slow head with large capacity, high efficiency
- » Compact construction
- » Resistance to acid and alkali
- » Max temperature no more than 50°C, PH=3~12
- » Density is <1150kg/m³
- » Max submerged depth is 20m

Gate Valve

Valve Standard : Comply with DIN3352.

Face to Face : DIN3202 F4 Series.

Working Pressure and Temperature

Working pressure : Pn10, PN16

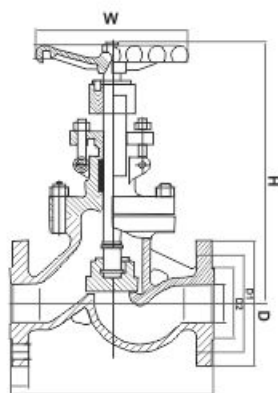
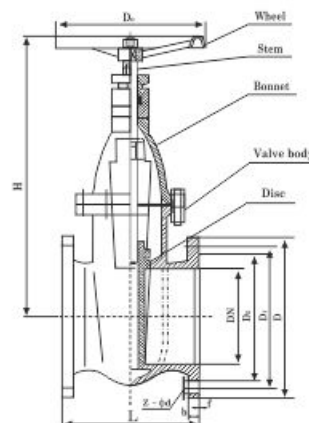
Temperature from -10°C to +120°C

Flange Type

EN1092-2, PN10/PN16,

other flange type are available

Operator : Handwheel operated.



Globe Valve

Valve Standard : Comply with DIN3356.

Face to Face : DIN3202 F1 Series.

Working Pressure and Temperature

Working pressure : PN10/PN16

Temperature from -10°C to +120°C

Flange Type

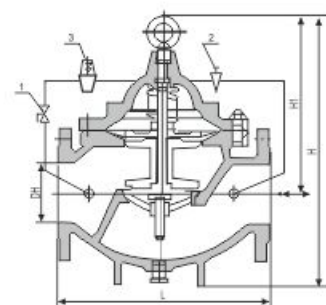
EN1092-2, PN10/PN16,

other flange type are available

Operator : Handwheel operated.

Pressure Reducing Valve

Usage: It can fix the outlet pressure of the main valve, and the pressure does not vary with the changing inlet pressure or energy. It can be used in pipelines of domestic, fire fighting water and industrial water supply system.



Air Relief Valve

Working Pressure and Temperature

Working pressure : PN10, Pn16

Temperature from -10°C to +120°C

Y- Strainer

Working Pressure and Temperature

Working pressure : PN10, PN16, PN25

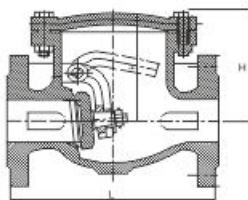
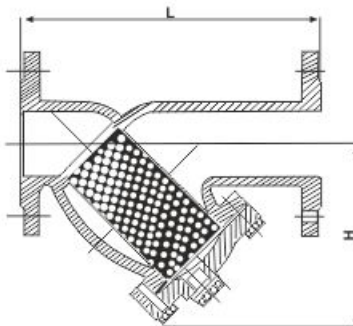
Temperature from -10°C to +120°C

Flange Type

EN1092-2, PN10/PN16/PN25,

other flange type are available

Operator : Handwheel operated.



Swing Check Valve

Valve Standard : Comply with DIN3202.

Face to Face : DIN3202 F6 Series.

Working Pressure and Temperature

Working pressure : PN10, PN16, PN25

Temperature from -10°C to +120°C for Brass or EPDM disc trim

Temperature from -10°C to +82°C for NBR disc trim

Flange Type

EN1092-2 PN10/PN16/PN25,

other flange type are available

Wafer Butterfly Valve

Valve Standard : Comply with EN593/BS5155

Working Pressure and Temperature

Working pressure : PN10, PN16, PN25

Temperature from -10°C to +120°C for EPDM liner

Temperature from -10°C to +82°C for NBR liner

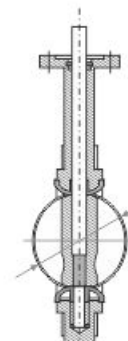
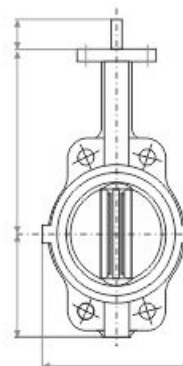
Temperature from -10°C to +150°C for Viton liner

Flange Type

EN1092-2, PN10/PN16/PN25,

other flange type are available

Operator : Handwheel or gear operated.



Flange type Butterfly Valve

Design Description:

Design: API609, MSS SP-67, BS 5155, BS En593;

Face To Face: DIN 3202-K3, DIN3202-F4;

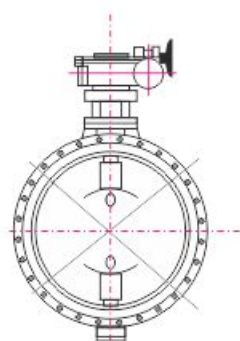
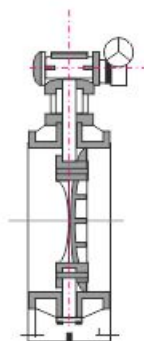
Flange: DIN2531/2532/2533;

Actuator Mounting PAD: ISO 5211

Double Eccentric;

Welding Stainless Steel or Brass Seat;

Available Inlaid U-type Stainless Steel;



Dismantling Joint



FEATURES

- ▶▶ Ductile Iron GGG50 material with FBE coated.
- ▶▶ PN10,PN16 working pressure.
- ▶▶ Equipped with galvanized steel bolts, nuts.
- ▶▶ EPDM or NBR rubber seals .
- ▶▶ High Tolerance Mechanical Pipe Fittings
- ▶▶ Angular deflection +/- 6°.
- ▶▶ Suitable for Ductile Iron Pipes, Steel Pipes
- ▶▶ Range of diameters from 40mm to 2200 mm

FEATURES

- ▶▶ Ductile Iron GGG50 material with FBE coated.
- ▶▶ PN10,PN16, PN25, PN40 working pressure.
- ▶▶ Equipped with galvanized steel bolts, nuts.
- ▶▶ EPDM or NBR rubber seals.
- ▶▶ Range of diameters from 80mm to 2200mm.

Flange Adaptor



Coupling



FEATURES

- ▶▶ Ductile Iron GGG50 material with FBE coated.
- ▶▶ PN10, PN16 working pressure.
- ▶▶ Equipped with galvanized steel bolts, nuts.
- ▶▶ EPDM or NBR rubber seals .
- ▶▶ High Tolerance Mechanical Pipe Fittings
- ▶▶ Angular deflection +/- 6°.
- ▶▶ Range of diameters from 40mm to 2200 mm

FEATURES

- ▶▶ Wide Flowing Arch Design.
- ▶▶ High Pressure Rating than Normal
- ▶▶ Expansion Join
- ▶▶ Integrally flange design,no gasket required.
- ▶▶ Galvanized Steel Retaining Rings Standard.
- ▶▶ Virtually Eliminate Sediment Buildup.
- ▶▶ Excellent Chemical and Abrasion Resistance.
- ▶▶ Absorb noise,vibration and shock.
- ▶▶ Range of diameters from 25mm to 3000 mm

Flexible Rubber Joint



DIN Standard Flanges



DIN2632 WELDING NECK FLANGES
Size up to DN1200

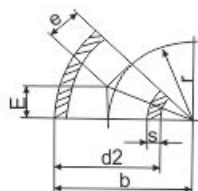


DIN 2576 SLIP-ON FLANGES
Size up to DN1200

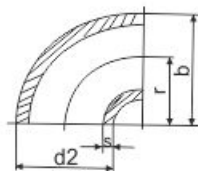


DIN 2527 BLIND FLANGES
Size up to DN1200

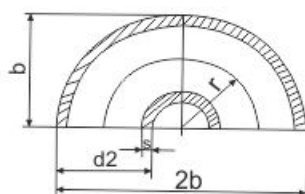
Elbows And Caps



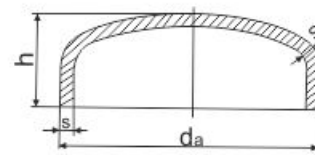
ASTM A-234, ANSI B16.9
45° elbows long radius
Standard, extra strong
Carbon and ferritic alloy steel
Size up to DN1200



ASTM A-234, ANSI B16.9
90° elbows long radius
Standard, extra strong
Carbon and ferritic alloy steel
Size up to DN1200

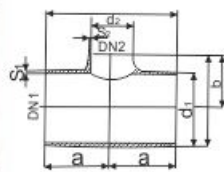


ASTM A-234, ANSI B16.9
180° elbows long radius
Standard, extra strong
Carbon and ferritic alloy steel
Size up to DN1200

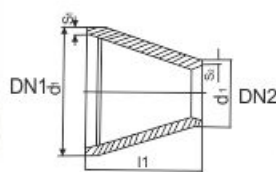


ASTM A-234, ANSI B16.9
Caps
Standard, extra strong
Carbon and ferritic alloy steel
Size up to DN1200

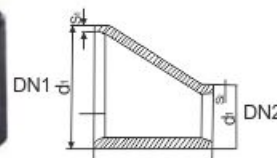
Tees And Reducers



ASTM A-234
ANSI B16.9
Straight tees crosses
Standard, extra strong
Carbon and ferritic alloy steel
Size up to DN1200



ASTM A-234
ANSI B16.9
Concentric reducer
Standard weight, extra strong
Carbon and ferritic alloy steel
Size up to DN1200



ASTM A-234
ANSI B16.9
Eccentric reducer
Standard weight, extra strong
Carbon and ferritic alloy steel
Size up to DN1200

Water Meters



Single Jet

Dn15 to Dn50 designed
European Standard EN14154



Multi Jet

Dn15 to Dn50 designed
European Standard EN14154



Turbine

Dn40 to Dn500 designed
European Standard EN14154



Volumetric Rotary Piston

Dn15 to Dn40 designed
European Standard EN14154

CHARACTERISTICS:

- ▶▶ All the Materials in contact with water, consciously selected by the known resistance to corrosion;
- ▶▶ Can be used safely in water temperature up to 50°C(T50);
- ▶▶ The indicator register is of 5 Rollers (Dn40/Dn50 with 6 Rollers) and 4 Pointers;
- ▶▶ The Impeller is the only moving parts in contact with water permitting the most reliable;
- ▶▶ The extra inlet filter at the inlet of the meter body permits cleaning it without breaking the metrological seal;
- ▶▶ The conception of the Magnetic Protection to against the external influences;
- ▶▶ Non Return Valve to avoid the reserve flow Rate **AS OPTION**;

Clean Water Supply Pumps



Industrial Pumps



Fire Fighting Pumps



General Data

Chemical Industry & Vacuum Pumps



Sewage Treatment Pumps & Equipment



Valves & Accessories





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