Beyond the Flow of Things

Dragon pumps & systems

50Hz

Distributor place

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Dragon pumps & systems Inc. is one famous professional manufacturer with over thirty (30) years experience in the Pumps & Valves Industry. 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 of Series for Centrifugal pumps, Deep well submersible pumps, sewage pumps and Industrial pumps.

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 oversea market continuously, the product exports to 20 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, China, Singapore to assure the highest quality in workmanship and performance.

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

NFPA FM APPROVED UL

Commercial Domestic Drainage Industrial Marine

DESCRIPTION:

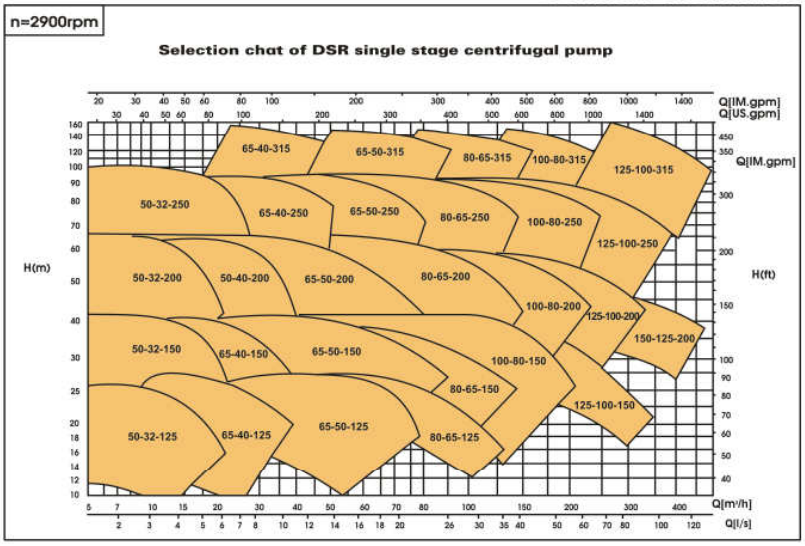
The DSR pumps series comply fully to the European standard DIN24255. This standard covers both performance and dimension. The DSR pumps series are used for pumping clean water or liquids with characteristics similar to water.
For a pump of same the model, the performance can be changed by trimming the 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

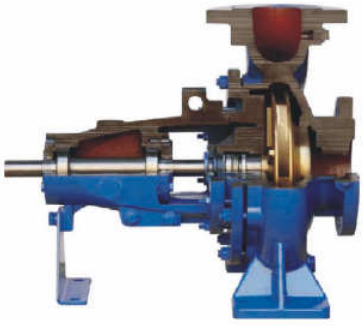
- Flow, Q: Max.1100 m³/h
- Head, H: Max.150m
- Liquid temp: -10°C~+150°C
- Operate. Pressure: Max.16 bar

General Performance

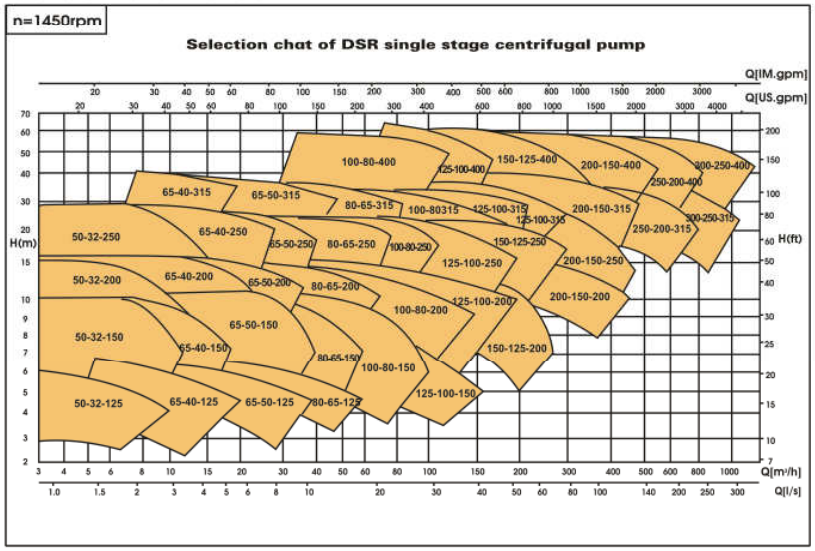


MATERIAL

- **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

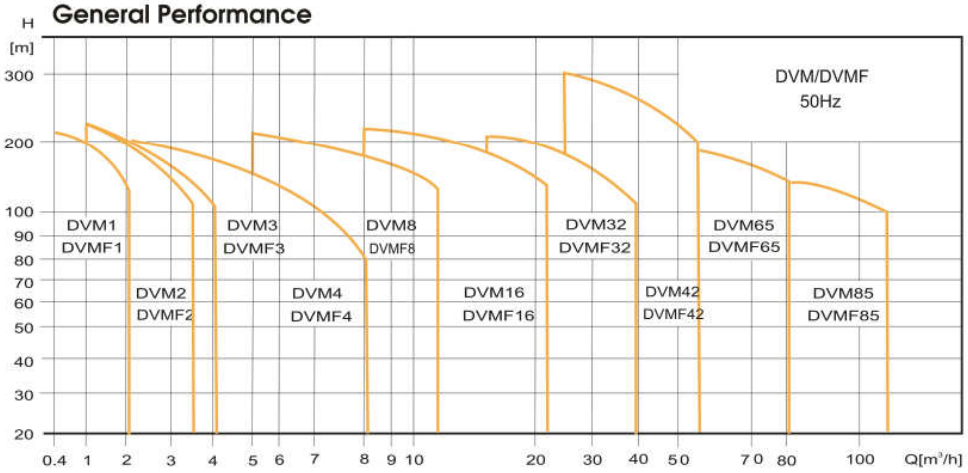
- Flow, Q: Max.120 m³/h
- Head, H: Max.330m
- Liquid temp: +40°C~+180°C
- Operate. Pressure: Max.33 bar

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

General Performance

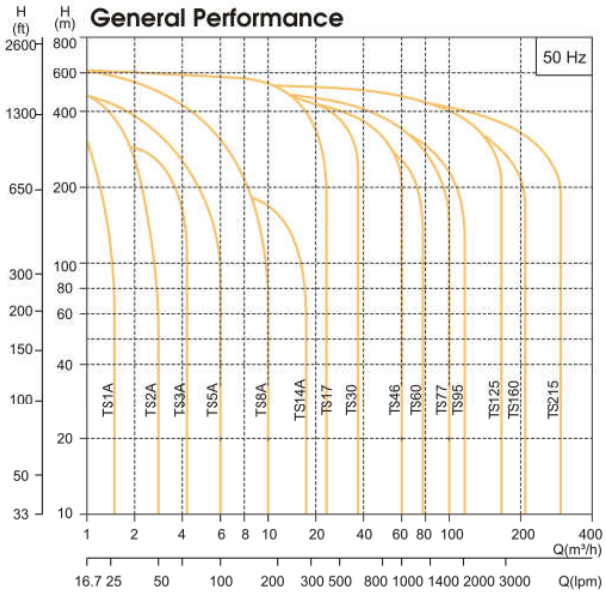


TS,TR Series - Deep Wells Submersible Pumps

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

General Performance



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.

DY Series

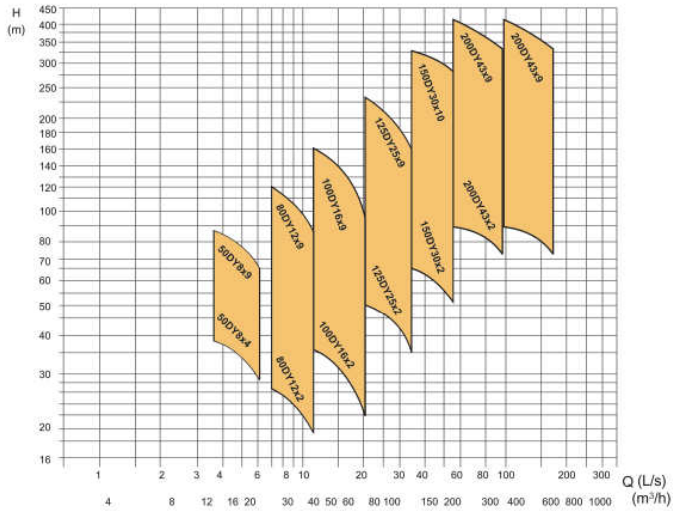
TECHNICAL DATA

- 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.

General Performance



DYM Series

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

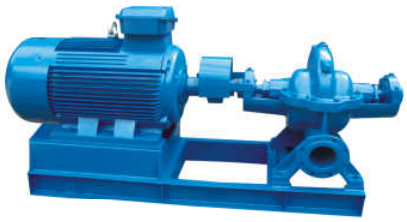
- Flow, Q: Max.35,000 m/h
- Head, H: Max.30m
- Liquid temp: Max.50°C
- Operate. Pressure: Max.10bar

APPLICATIONS

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

DS Series

DS Series pumps, are single-stage double suction split case centrifugal pumps designed for applications of clean water or similar liquids without solids in water works, municipal and industrial projects, as well as mines, power plants and agricultural irrigations etc. The horizontal installation constructed with the suction and discharge nozzles located in the lower part and in right angle to the pump shaft central line, makes it convenient to pull out the rotor after removing the pump cover when maintaining and repairing without disturbing the inlet and outlet piping. Medium contacted parts are selectable from ductile cast iron, cast steel and stainless steel upon request.



DS Series

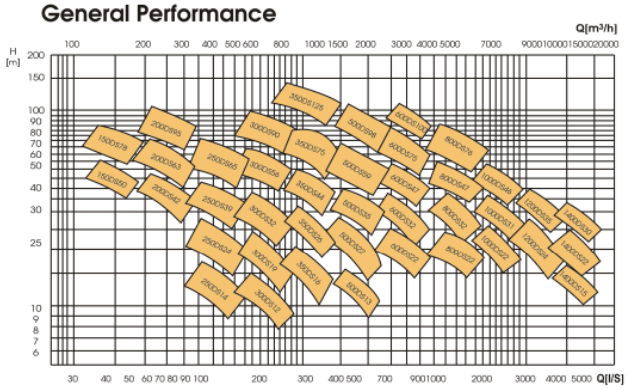
APPLICATIONS

DS Pump is mainly applicable to the water feeding of waterworks, power station, industrial water supply, air-condition circulating water, building water supply, irrigation, shipbuilding industry, etc.

TECHNICAL DATA

- Flow, Q: Max.23500 m³/h
- Head, H: Max.140m
- Liquid temp: Max.+80ºC
- Operate. Pressure: Max.25bar

General Performance



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.

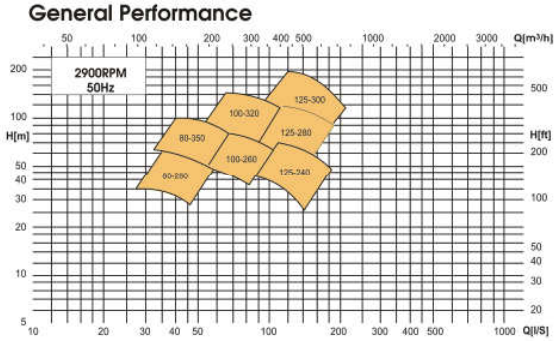
The DSW Series pumps are used for air conditioning, cooling towers, irrigation and drainage pumping stations, power stations, industrial water supply systems and fire fighting applications.

TECHNICAL DATA

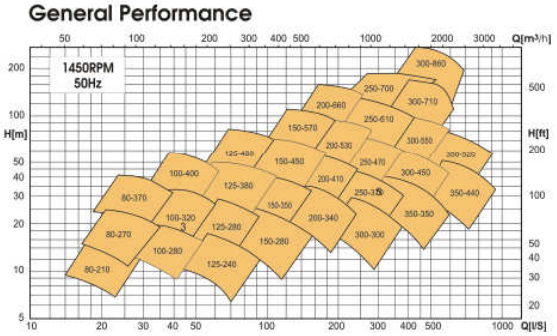
- Flow, Q: Max.11600 m³/h
- Head, H: Max.200m
- Liquid temp: Max.+105ºC
- Operate. Pressure: Max.25bar

DSW Series

General Performance



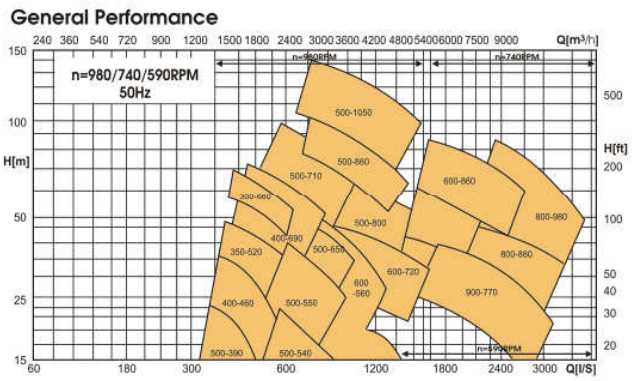
General Performance



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



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

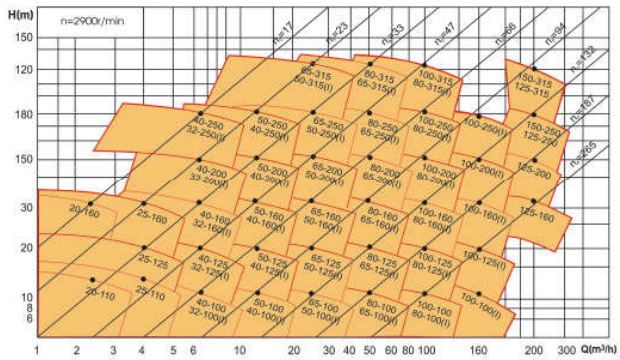
- Flow, Q: Max.2400 m³/h
- Head, H: Max.150m
- Liquid temp: Max.120°C
- Operate. Pressure: Max.16bar

APPLICATIONS

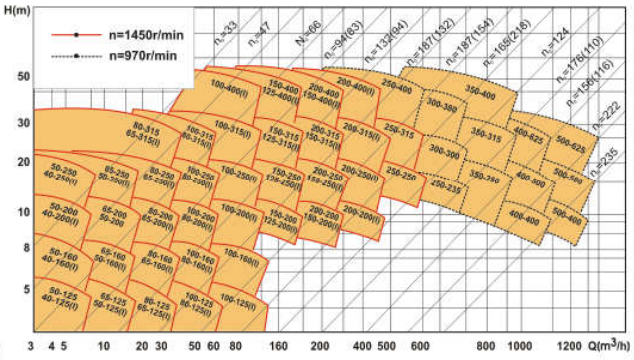
- District heating plants
- Water supply systems and drainage of industry and city
- Air-conditioning systems, HVAC circulation
- Cooling plants, bathroom water circulation pressurizing equipments
- Industry, long-distance feeding
- Fire fighting systems
- Environment engineering, garden spray irrigation

DLS Series

General Performance



General Performance



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.

DWQ 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

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

FEATURES AND BENEFITS

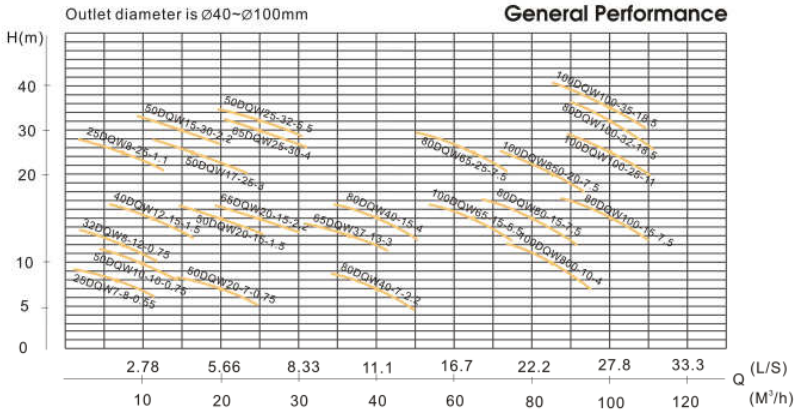
- Wide range
- Smart Trim
- Operation with/without cooling jacket
- Different types of impeller
- Built-in motor protection.

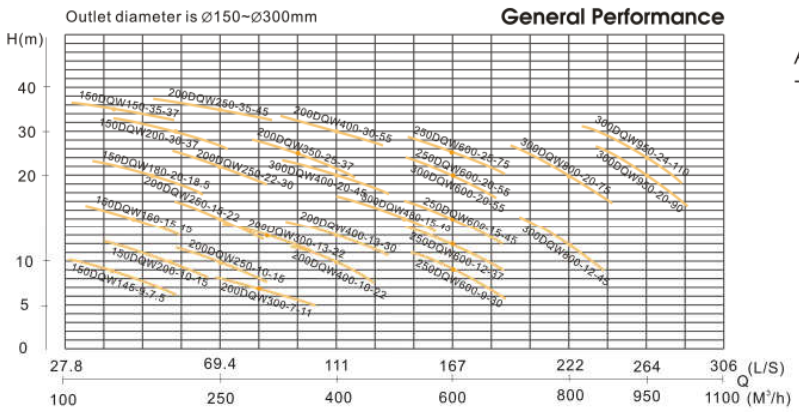
DQW Series

DQW Series

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





APPLICATION

The pumps are suitable for following applications

- Transfer of wastewater
- Transfer of raw water
- Pumping of sludge-containing water
- Pumping of industrial effluent

DSA 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

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

DBD Series - Horizontal Single Stage Fire Fighting Pumps

Technical Data

- Flow, Q: Max.250 m³/h
- Head, H: Max.220m
- Liquid temp: 0°C~+80°C
- Operate Pressure: Max.22bar

DBD Series

DLF Series

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

DVM Series - SS Vertical Multi Stages Fire Fighting 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

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

DBJF Series - Portable Fire Fighting Pumps

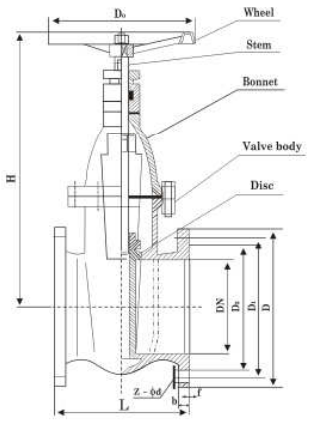
Technical Data

- Flow, Q: Max.60 m³/h
- Head, H: Max.75m
- Suction: Max. 7m
- Liquid temp: 0°C~+105°C
- Operate. Pressure: Max.10bar

DBJF Series

DGV1501 Series - 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.



Material Specification

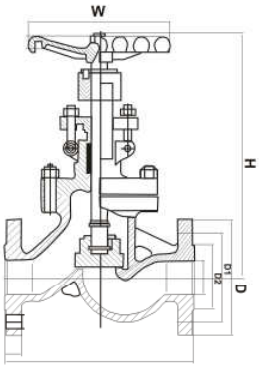
Body	Cast iron/Ductile iron
Bonnet	Cast iron/Ductile iron
Wedge	Cast iron/Ductile iron
Body seat ring	Brass/bronze/Stainless steel
Wedge seat ring	Brass/bronze/Stainless steel
Stem	Stainless steel/brass

Design

Face to face is according to DIN3352 parts 4.
Flange drilled is according to DIN3202 F4.

Test

Working pressure	PN10	PN16
Shell pressure	PN15	PN24
Seat pressure	PN11	PN17.6



DGV1601 Series - 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.

Material

Body	Cast iron/Ductile iron
Bonnet	Cast iron/Ductile iron
Disc	Cast iron/Ductile iron
Disc seat ring	Brass/Bronze/Stainless steel/Rubber
Body seat ring	Brass/Brongze/Stainless steel
Stem	Stainless steel/Bbrass

Design

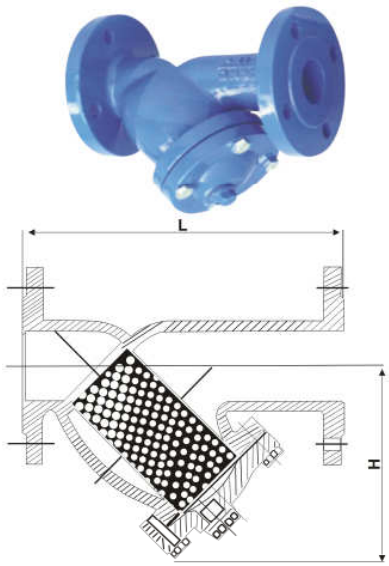
Face to face is according to DIN32252-F1
Flange drilled is according to DNI2510.

Test

Working pressure	PN10	PN16
Shell pressure	PN15	PN24
Seat pressure	PN11	PN17.6

DSV1701 Series, 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.



Material

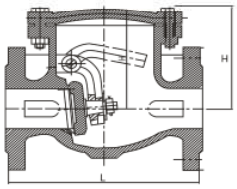
Body	Cast iron/Ductile iron
Bonnet	Cast iron/Ductile iron
Screen	Stainless steel

Design

Face to face is according to DIN3202 F1
Flange drilled is according to DIN2531-PN6/DIN2533-PN16

Test

Working pressure	PN6/PN10/PN16
Shell pressure	PN9/PN15/PN24
Seat pressure	PN7.6/PN11/PN17.6



DCV1801 Series - 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

Material

Body	Cast iron/Ductile iron
Bonnet	Cast iron/Ductile iron
Disc	Cast iron/Ductile iron/Rubber
Disc seat ring	Brass/Brongze/Stainless steel
Body seat ring	Brass/Brongze/Stainless steel

Design

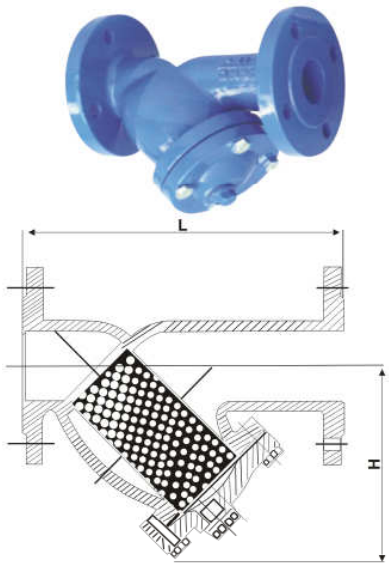
Face to face is according to DIN3202-F1/F6
Flange drilled is according to DIN2501

Test

Working pressure	PN10	PN16
Shell pressure	PN15	PN24
Seat pressure	PN11	PN17.6

DSV1701 Series, 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.



Material

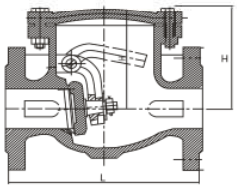
Body	Cast iron/Ductile iron
Bonnet	Cast iron/Ductile iron
Screen	Stainless steel

Design

Face to face is according to DIN3202 F1
Flange drilled is according to DIN2531-PN6/DIN2533-PN16

Test

Working pressure	PN6/PN10/PN16
Shell pressure	PN9/PN15/PN24
Seat pressure	PN7.6/PN11/PN17.6



DCV1801 Series - 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

Material

Body	Cast iron/Ductile iron
Bonnet	Cast iron/Ductile iron
Disc	Cast iron/Ductile iron/Rubber
Disc seat ring	Brass/Brongze/Stainless steel
Body seat ring	Brass/Brongze/Stainless steel

Design

Face to face is according to DIN3202-F1/F6
Flange drilled is according to DIN2501

Test

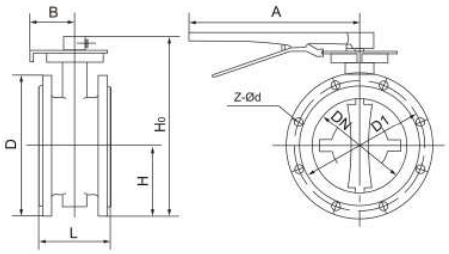
Working pressure	PN10	PN16
Shell pressure	PN15	PN24
Seat pressure	PN11	PN17.6

DBV2601 Series - 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.

Materials Specification

1	Body	Cast iron/Ductile iron
2	Disc	Ductile iron with nickel plated, Bronze Stainless steel SS304 and SS316
3	Stem	Stainless steel
4	Seat	NBR, EPDM, VITON, PTFE etc
5	O ring	NBR



Application

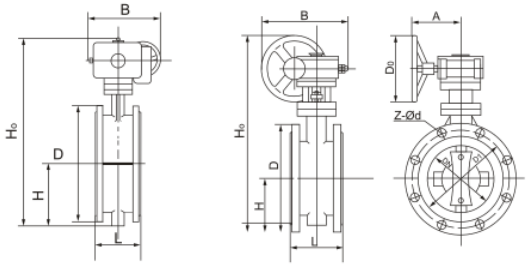
1	The design can be suitable for BS/ ANSI/ DIN/JIS UNI standard etc
2	For water, neutral liquids, oil and air etc
3	Coating epoxy painting, 150 um.

Test

Working pressure		PN6/PN10/PN16/125Psi/150Psi
Test pressure	Shell	1.5 x Working pressure
	Seat	1.1 x Working pressure

DBV2602 Series - Flange type 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 Vitton liner
Flange Type
EN1092-2, PN10/PN16/PN25,
other flange type are available
Operator : Handwheel or gear operated.



Working pressure	PN10	PN16
Sealing test pressure	PN11	PN17.6
Body test pressure	PN15	PN24
Working temperature	10~120°C	
Suitable mediums	Water, sewage, air etc	

Clean Water Supply Pumps

Industrial Pumps

Fire Fighting Pumps

General Data

Chemical Industry & Vacuum Pumps

Sewage Treatment Pumps & Equipment

Valves & Accessories