



CONTENTS

Fire Fighting Pump System

Fire Pump Set with Electric+Diesel+Jockey	01-02
Fire Pump Set with Diesel+Jockey	03-04
Fire Pump Set with Electric+Jockey	05-06
Fire Pump Set with dual Electric+Jockey	07-08
Fire Pump Set with Electric+single cylinder Diesel+Jockey	09-10

Fire Fighting Pump

vertical single-stage and direct connection end suction fire pump	11-12
vertical multi-stage centrifugal pump and jockey pump	13-14
diesel engine and split end suction pump	15-16
diesel engine and electric horizontal turbo pump	17-18
diesel engine and electric vertical turbo pump	19-20



DEL/DEW Pump for Fire Fighting System



PRODUCTS INTRODUCTION

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by Timecore Intelligent Equipment Co., Ltd. Both square motor & round motor available
- Ye3 high efficient motor, with protection ip55 class F
- Pump case with anti-corrosive coating
- impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seals

APPLICATIONS

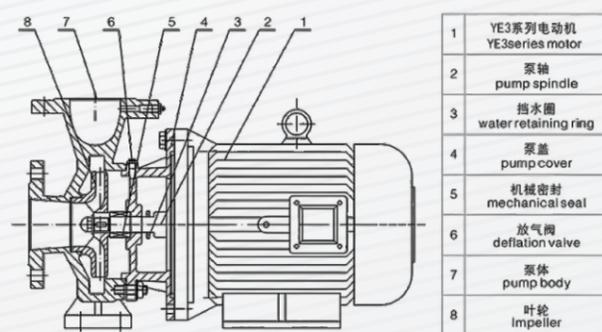
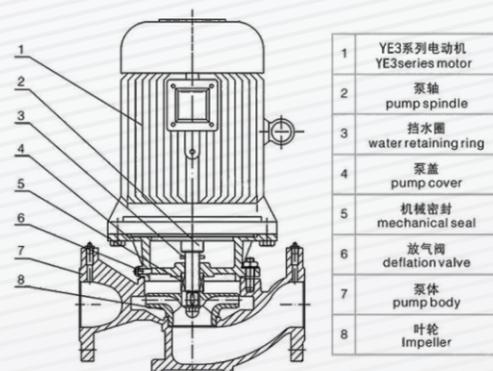
Suitable for use With clean water and liquids that are not chemically Aggressive towards the materials from which the pump is made, The EN733 centrifugal pumps are recommended for use in water supply, Cleaning sets, pressure boosting, firefigheing sets, irrigation, industrial, Applications, water circulation in climatisation set, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service S1

CERTIFICATE

CE certification and China fire safety certification
Certificate No TH2412071-C02-C01、33122XF1417

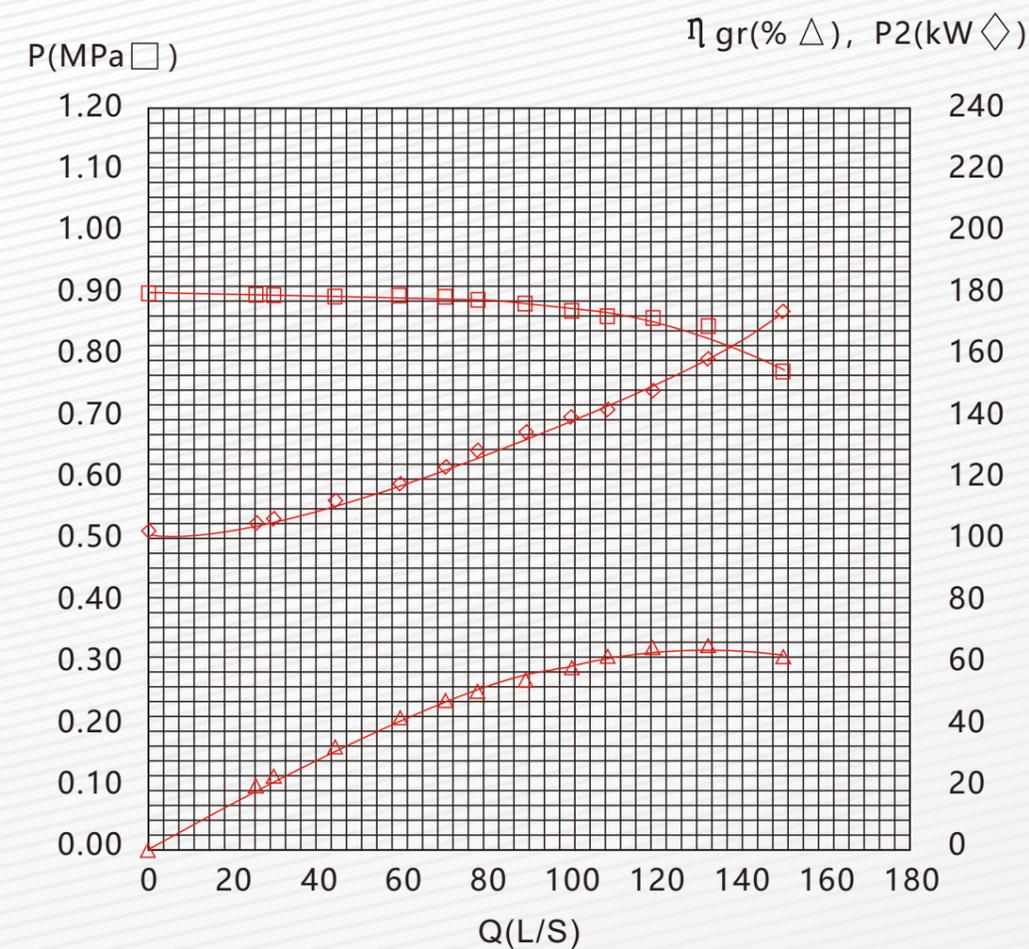


PERFORMANCE PARAMETER

Summary Table of Inspection Results Performance Curve

Producer : Timecore Intelligent Equipment Co., Ltd.
Product type: XBD8.7/100G-DEL/DEW

NO: Zb2024-M0636



Fire Equipment Quality Supervision and Inspection Center



DGL/DCL Pump for Fire Fighting System



PRODUCTS INTRODUCTION

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by Timecore Intelligent Equipment Co., Ltd. Both square motor & round motor available
- Ye3 high efficient motor, with protection ip55 class F
- Pump case with anti-corrosive coating
- impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seals

APPLICATIONS

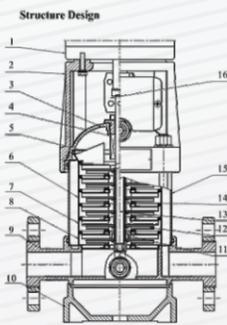
Suitable for use With clean water and liquids that are not chemically Aggressive towards the materials from which the pump is made, The EN733 centrifugal pumps are recommended for use in water supply, Cleaning sets, pressure boosting, firefigheing sets, irrigation, industrial, Applications, water circulation in climatisation set, agricultural.

USING LIMITS

Liquid temperature between -10°C and +120°C
 Ambient temperature up to +50°C
 Max. working pressure 16 bar
 Continuous service S1

CERTIFICATE

CE certification and China fire safety certification
 Certificate No TH2412071-C02-C01、33122XF1417



序号 No.	名称 Name	材料 Material	AISI/ASTM
1	电机 Motor	铸铁 Cast iron	ASTM308
2	泵壳 Casing	铸铁 Cast iron	ASTM308
3	泵头衬套 Scal base	不锈钢 Stainless steel	AISI304
4	机械密封 Mechanical seal	不锈钢 Stainless steel	AISI304
5	溢流叶片 Tap deflower	不锈钢 Stainless steel	AISI304
6	叶轮 Diffuser	不锈钢 Stainless steel	AISI304
7	支撑叶片 Support deflower	不锈钢 Stainless steel	AISI304
8	导流器 Inducer	不锈钢 Stainless steel	AISI304
9	导流器盖 Internal water chamber	不锈钢 Stainless steel	AISI304
10	底座板 Base plate	铸铁 Cast iron	ASTM350
11	轴套 Bearing	碳化钨 Tungsten carbide	
12	叶轮 Impeller	不锈钢 Stainless steel	AISI304
13	轴 Shaft	不锈钢 Stainless steel	
14	叶轮衬套 Impeller sleeve	不锈钢 Stainless steel	AISI304
15	缸套 Cylinder	不锈钢 Stainless steel	AISI304
16	联轴器 Coupling	碳钢 Carbon steel	

PERFORMANCE PARAMETER

Summary Table of Inspection Results Performance Curve

Producer : Timecore Intelligent Equipment Co., Ltd.

NO: Zb2024-M0643

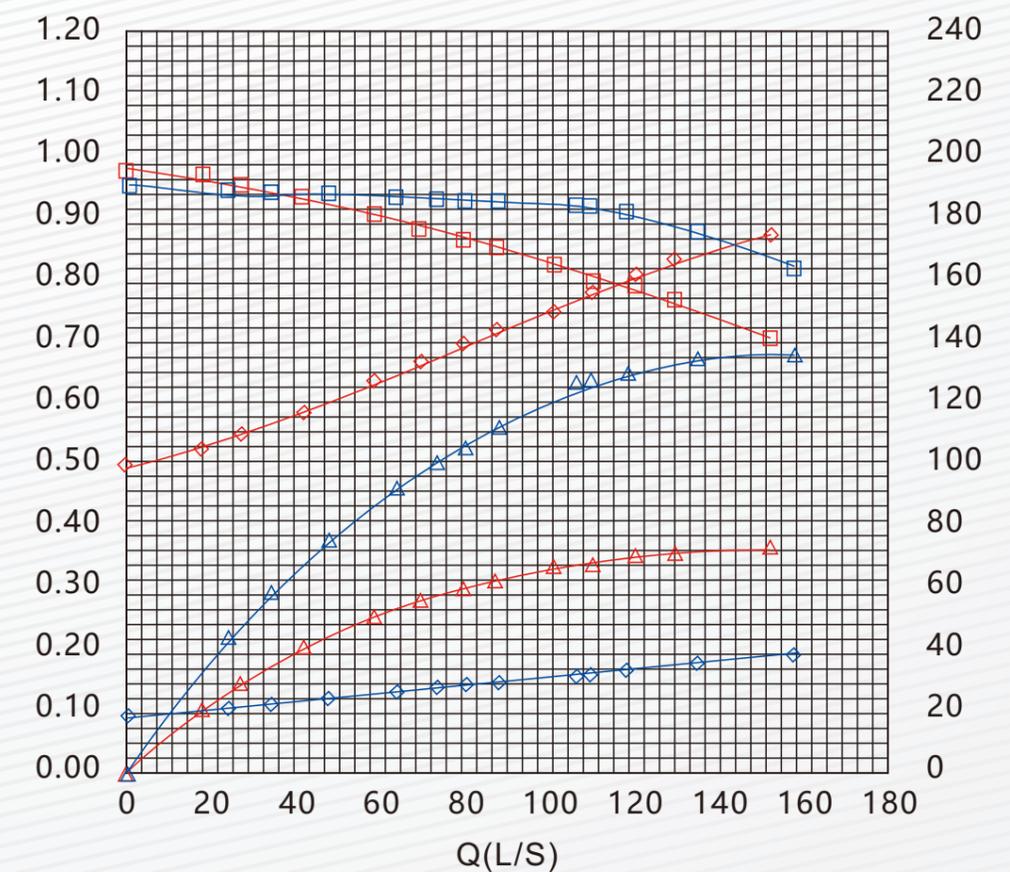
Product type: XBD24. 0/30G-DGL

Zb2024-M0647

XBD15. 3/5W-DCL

P(MPa □)

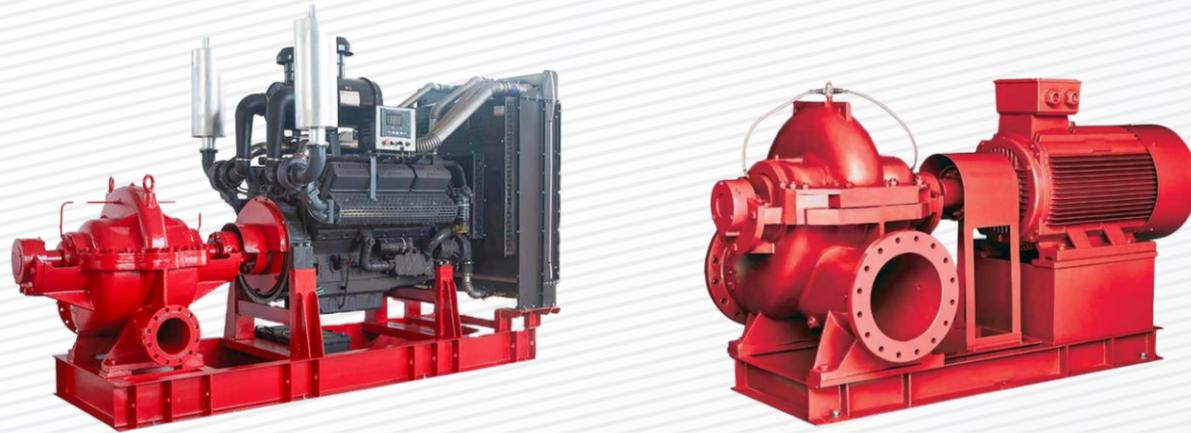
η gr(% △), P2(kW ◇)



Fire Equipment Quality Supervision and Inspection Center



DZ/DEZ Pump for Fire Fighting System



PERFORMANCE PARAMETER

Summary Table of Inspection Results Performance Curve

Producer : Timecore Intelligent Equipment Co., Ltd.

NO: Zb2024-M0648

Product type: XBD16.0/350G-DEZ

Zb2024-M0649

XBD5.0/520G-DZ

PRODUCTS INTRODUCTION

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by Timecore Intelligent Equipment Co., Ltd. Both square motor & round motor available
- Ye3 high efficient motor, with protection ip55 class F
- Pump case with anti-corrosive coating
- impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seals

APPLICATIONS

Suitable for use With clean water and liquids that are not chemically Aggressive towards the materials from which the pump is made, The EN733 centrifugal pumps are recommended for use in water supply, Cleaning sets, pressure boosting, firefigheing sets, irrigation, industrial, Applications, water circulation in climatisation set, agricultural.

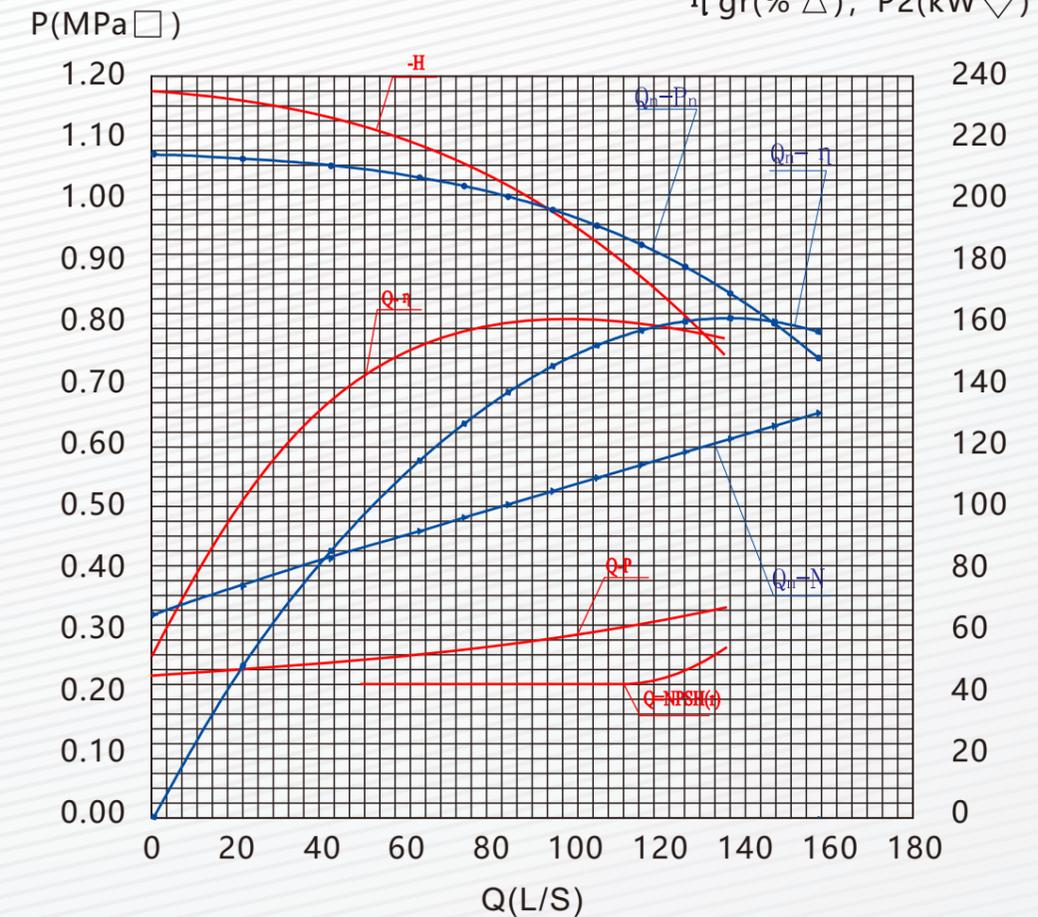
USING LIMITS

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service S1

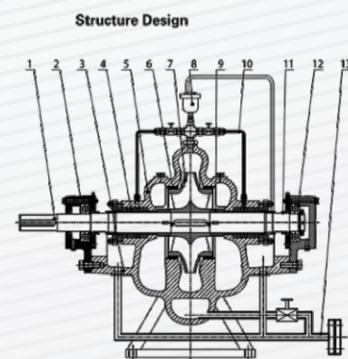
CERTIFICATE

CE certification and China fire safety certification
Certificate No TH2412071-C02-C01、33122XF1417

η gr(% \triangle), P2(kW \diamond)



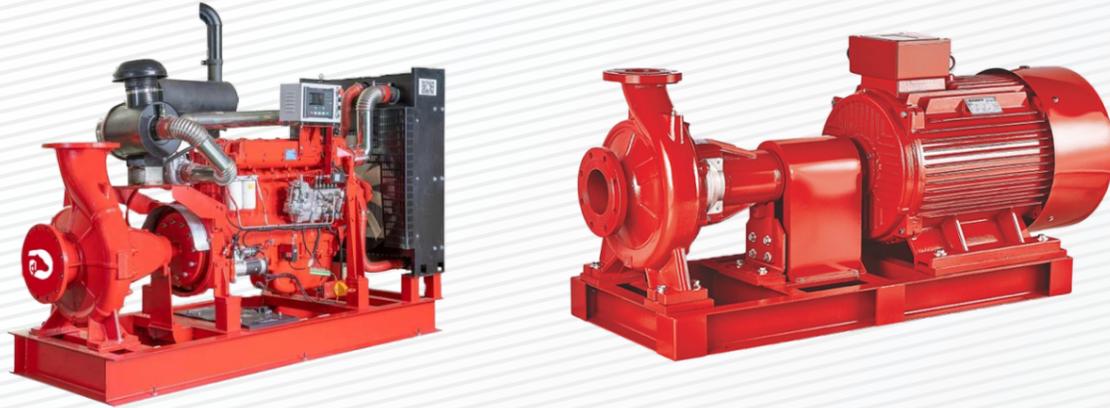
Fire Equipment Quality Supervision and Inspection Center



No.	零件名称 Name	材质 Material
1	主轴 Shaft	20Cr13, AISI4340 S32205
2	轴承体 Bearing Housing	HT200
3	泵体 Casing	QT500-7, S32205
4	填料密封 Packing Seal Assembly	Carbon-fiber
5	泵盖 Upper Casing	QT500-7, S32205
6	泵体密封环 Casing Seal Ring	CB3600
7	叶轮 Impeller	S304S3205
8	自动排气阀 Air Release Valve	
9	轴套 Shaft Sleeve	S304, S316L
10	冲洗管路 Flushing Pipe	Q235B, S32205
11	防水圈 Water-Proof Ring	NBR
12	轴承 Bearing	SKF
13	排水管路 Drainage Pipe	Q235B, S32205



DS/DES Pump for Fire Fighting System



PRODUCTS INTRODUCTION

TECHNICAL DESCRIPTION

- New EN733 standard centrifugal pump
- Original design by Timecore Intelligent Equipment Co., Ltd. Both square motor & round motor available
- Ye3 high efficient motor, with protection ip55 class F
- Pump case with anti-corrosive coating
- impeller in stainless steel AISI 304 or cast iron
- Shaft in stainless steel AISI 304 or galvanized iron
- Galvanized counter flange with bolts, nuts and gaskets
- Quality NSK bearing, wear resistance mechanical seals

APPLICATIONS

Suitable for use With clean water and liquids that are not chemically Aggressive towards the materials from which the pump is made, The EN733 centrifugal pumps are recommended for use in water supply, Cleaning sets, pressure boosting, firefigheing sets, irrigation, industrial, Applications, water circulation in climatisation set, agricultural.

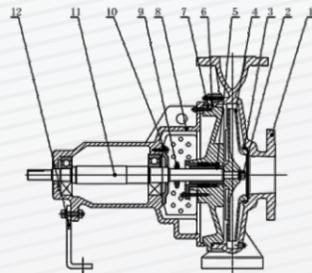
USING LIMITS

Liquid temperature between -10°C and +120°C
Ambient temperature up to +50°C
Max. working pressure 16 bar
Continuous service S1

CERTIFICATE

CE certification and China fire safety certification
Certificate No TH2412071-C02-C01、33122XF1417

Structure Design



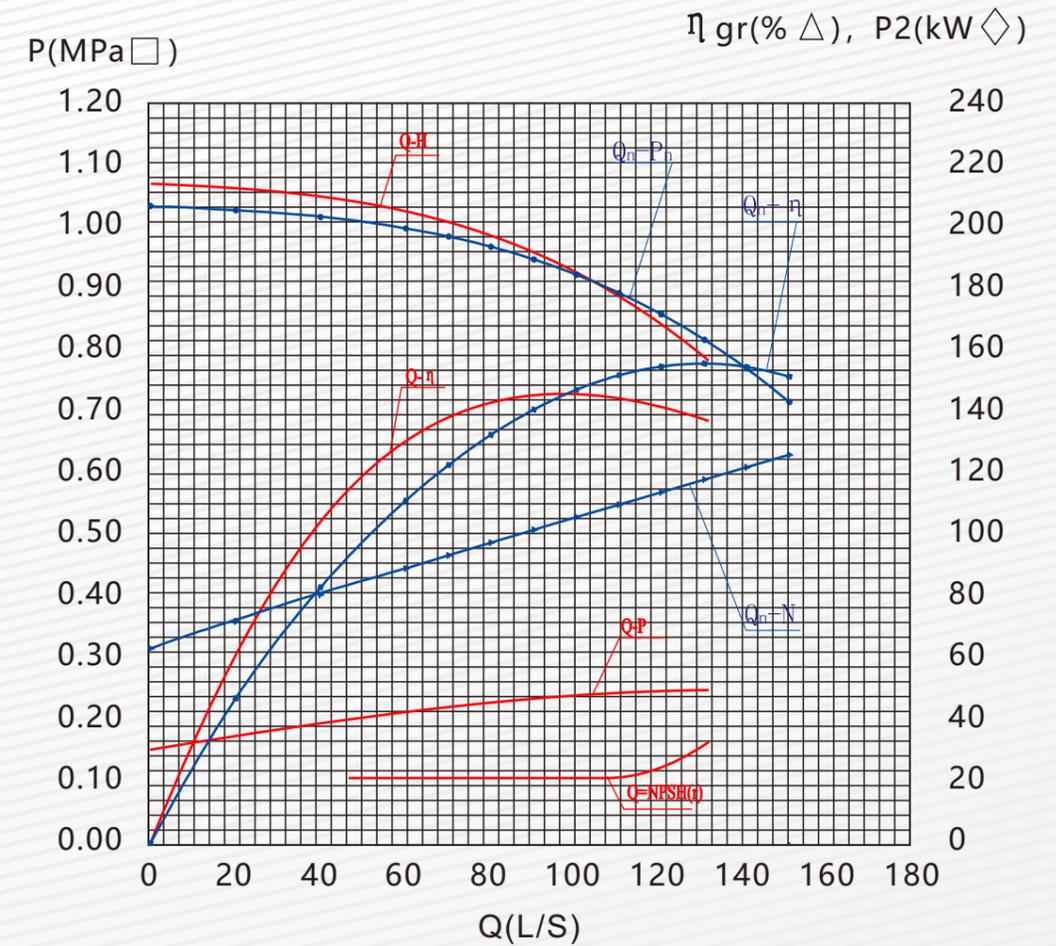
序号 No.	零件名称 Name	材料 Material
1	泵体 Casing	QT400-18.S32205
2	叶轮螺母轴套 Impeller Nut	SS304.SS316L
3	泵体副唇环 Casing Wear Ring	C86500
4	叶轮 Impeller	C86300.S32205
5	填料轴套 Packing Sleeve	SS304.SS316L
6	O型圈 O-Ring	NBR
7	泵盖 Upper Casing	QT400-18.S32205
8	泵架 Suspension Body	QT400-18.S32205
9	挡水圈 Water-Proof Ring	NBR
10	轴承压盖 Bearing Cover	HT200
11	主轴 Shaft	SS420.S32205
12	泵架体支脚 Suspension Body Bracket	Q235B

PERFORMANCE PARAMETER

Summary Table of Inspection Results Performance Curve

Producer : Timecore Intelligent Equipment Co., Ltd.
Product type: XBD11.0/150G-DES
XBD8.5/100G-DS

NO: Zb2024-M0644
Zb2024-M0650



Fire Equipment Quality Supervision and Inspection Center



Fire Fighting Pump System



PRODUCTS INTRODUCTION

FIRE PUMP SYSTEM

XEDJ fire pump consists of an electrically driven end suction centrifugal pump, end suction diesel pump, and vertical pump.S.

Jockey pump, pump and discharge pipeline accessories, and control panel are assembled together. Available traffic range 50-40000 GPM.

Attachments include suction pipes, flanged discharge pipes, batteries, gate valves, check valves, and flexible expansion joints, Pressure switch, pressure gauge, base frame, etc.

ADVANTAGE

Automatically switch between three pumps.

Provide manual and automatic operation.

Can work even during power outages.

Easy to install.

Customized size and pump set.

YE high-efficiency motor, protection level Ip55.

High performance and low power consumption.

The pump casing has an anti-corrosion coating.

Equipped with high-quality NSK bearings and high-temperature wear-resistant mechanical seals.

Pipelines can be provided upon request.

Different installation styles.

Low maintenance costs and sufficient supply of spare parts.

Electronic battery charger.

COMBINATORIAL METHOD

THE FIRST COMBINATION



DS



DES



CONTROLLER



PRESSURE TANK



DCL

THE SECOND COMBINATION



DS



DEW



CONTROLLER



PRESSURE TANK



DCL

THE THIRD COMBINATION



DEZ



DZ



CONTROLLER



PRESSURE TANK



DCL



DS/DZE Centrifugal Pump Coupled with Diesel Engine



PRODUCTS INTRODUCTION

TECHNICAL DESCRIPTION

- More Environmentally Friendly
- Meeting China III Emission Standard
- Low Fuel Consumption
- Strong Power
- Easy To Assemble

APPLICATIONS

Pumps suitable for cleaning water and liquids that do not cause chemical corrosion to pump manufacturing materials. Diesel engine pumps are recommended for water supply, cleaning equipment boosting, firefighting equipment, irrigation, industrial applications, water circulation in climate control equipment, and agriculture.

USING LIMITS

- Liquid temperature is between -10°C and $+120^{\circ}\text{C}$
- Environmental temperature up to $+50^{\circ}\text{C}$
- Maximum working pressure 16 bar
- Continuous Service S1

COMBINATORIAL METHOD

THE FIRST COMBINATION



DS



CONTROLLER



PRESSURE TANK



DCL

THE SECOND COMBINATION



DEZ



CONTROLLER



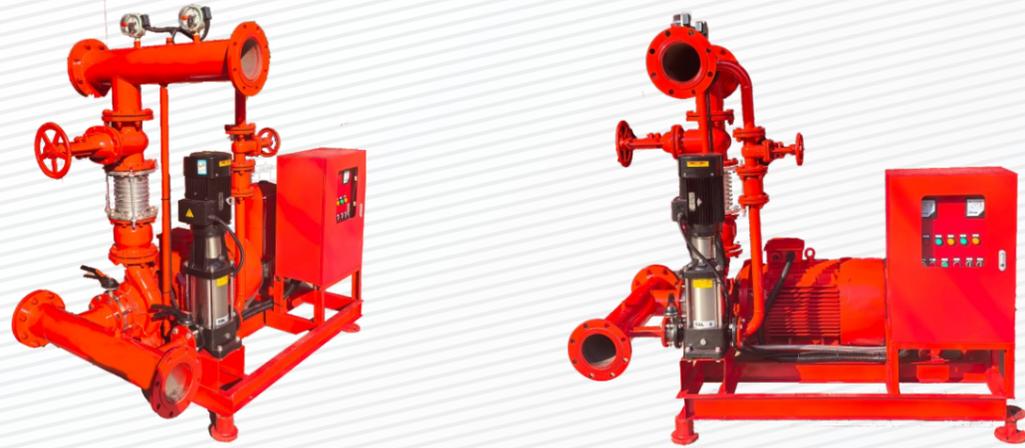
PRESSURE TANK



DCL



DES/DEW End Suction Pump with Control Pannel DZ Horizontal drum Pump



PRODUCTS INTRODUCTION

TECHNICAL DESCRIPTION

YE-3 Electric Motor for Pumps

Technical Specifications

Can be offered separately

YE3 high efficient motor with protection IP55 class F

Pump case with Anti-corrosive coating

With quality NSK bearings, wear resistance mechanical

seal Easy Installation

USING LIMITS

Liquid temperature is between -10 ° C and +120 ° C

Environmental temperature up to +50 ° C

Maximum working pressure 16 bar

Continuous Service S1

COMBINATORIAL METHOD

THE FIRST COMBINATION



DES



CONTROLLER



PRESSURE TANK



DCL

THE SECOND COMBINATION



DEW



CONTROLLER



PRESSURE TANK



DCL

THE THIRD COMBINATION



DZ



CONTROLLER



PRESSURE TANK



DCL



DES/DEW End Suction Pump with Control Panne IDZ Horizontal drum Pump



PRODUCTS INTRODUCTION

TECHNICAL DESCRIPTION

YE-3 Electric Motor for Pumps

Technical Specifications

Can be offered separately

YE3 high efficient motor with protection IP55 class F

Pump case with Anti-corrosive coating

With quality NSK bearings, wear resistance mechanical

seal Easy Installation

USING LIMITS

Liquid temperature is between -10°C and $+120^{\circ}\text{C}$

Environmental temperature up to $+50^{\circ}\text{C}$

Maximum working pressure 16 bar

Continuous Service S1

COMBINATORIAL METHOD

THE FIRST COMBINATION



DES



CONTROLLER



PRESSURE TANK



DCL

THE SECOND COMBINATION



DEW



CONTROLLER



PRESSURE TANK



DCL

THE THIRD COMBINATION



DZ



CONTROLLER



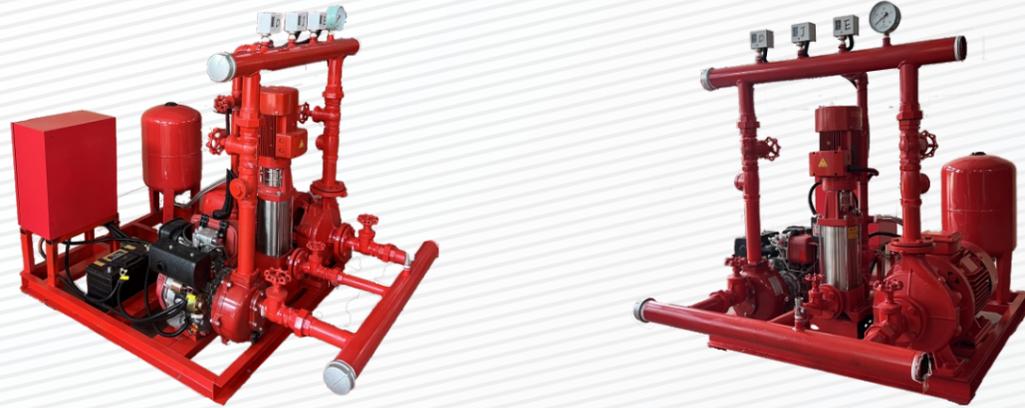
PRESSURE TANK



DCL



DES/DEW End Suction Pump with Control Panne IDZ Horizontal drum Pump



PRODUCTS INTRODUCTION

TECHNICAL DESCRIPTION

YE-3 Electric Motor for Pumps

Technical Specifications

Can be offered separately

YE3 high efficient motor with protection IP55 class F

Pump case with Anti-corrosive coating

With quality NSK bearings, wear resistance mechanical

seal Easy Installation

USING LIMITS

Liquid temperature is between -10 ° C and +120 ° C

Environmental temperature up to +50 ° C

Maximum working pressure 16 bar

Continuous Service S1

COMBINATORIAL METHOD

THE FIRST COMBINATION



DES



CONTROLLER



PRESSURE TANK



DCL



DF

THE SECOND COMBINATION



DEW



CONTROLLER



PRESSURE TANK



DCL



DF

E: gigi@timecore.cn
 T: Director / International Business
 C: Timecore Intelligent Equipment Co., Ltd.
 T: +86 19879153302