

UNE
Normalización Española



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GENERAL PUMPS
ESPAÑA



BOMBA CONTRAINCENDIO



**SKID MOUNTED
FIRE PUMP PACKAGE**

QUIENES SOMOS / ABOUT GENERAL PUMPS



- Somos una empresa de fabricación, distribución y exportación de Bombas y motores eléctricos con más de 30 años de experiencia en el mercado nacional e internacional, lo cual ha contribuido al éxito alcanzado por nuestra empresa a día de hoy.
- Nuestra producción cubre una amplia gama de posibilidades, convirtiéndose en una de las pocas compañías que ofrece soluciones completas de bombeo para sus clientes en diferentes sectores, geográficos regiones, temperaturas y tipología del agua.
- Estamos ubicados en Valencia (España) en una ciudad portuaria, específicamente en el Parque Industrial "El Oliveral" en Ribarroja del Turia, contamos con una extensión de más de 5000m² y adicionalmente instalaciones de prueba de aproximadamente 2000 m² de avanzada tecnología para ofrecer productos de alta calidad.
- Gracias a nuestra amplia gama de productos, estamos representados a través de nuestros clientes en los 5 continentes, destacando en los campos tales como agricultura, construcción, industria, equipos de presión y soluciones contra incendio.
- También contamos con un equipo altamente calificado para ofrecer el máximo profesionalismo en soluciones específicas para diferentes sectores.
- En resumen, General Pumps ofrece soluciones hidráulicas con la mejor relación calidad / precio del mercado con excelente servicio y una respuesta inmediata.

- We are a manufacturing, distribution and export company of pumps and electric motors with more than 30 years of experience in the national and international market, which has contributed to the success achieved by our company today.
- Our production covers a wide range of possibilities, becoming one of the few companies that offers complete pumping solutions for its clients in different sectors, geographical regions, temperatures and water typology
- We are located in Valencia, Spain, in a seaport city, specifically in the Industrial Park "El Oliveral" in Ribarroja del Turia, with an extension of more than 5000m² and additionally we have a test facilities of approximately 2000 m² that has advanced technology for offer top quality products.
- Thanks to our very wide range of products, we are represented through our clients in the 5 continents, standing out in fields such as agriculture, industry, construction.
- We also have a highly qualified team to offer maximum professionalism in specific solutions for different sectors.
- In short, General Pumps offers hydraulic solutions with the best quality / price ratio in the market with excellent service and an immediate response.



GENERAL PUMPS

ESPAÑA



Banco de pruebas



Certificado ISO

ZERTIFIKAT • CERTIFICATE • CERTIFICADO • CERTIFICATE • CERTIFICATE

CERTIFICATE

The Certification Body of TÜV SÜD South Asia Private Limited certifies that



GENERAL PUMPS SLU
Pol. Ind. El Oliveral. (U.E. 7 Nave 1), CW Ribarroja de Turia
46394 Valencia
Spain

has implemented Quality Management System
in accordance with **ISO 9001:2015**
for the scope of

- 1) Manufacturing and Sales of Submersible Pump Sets, Centrifugal Pump Sets, Horizontal Split Casing Pump Sets, End Suction Pump Sets, Vertical Multi Stage Pump Sets, Induction Motor
- 2) Sales and Supply of Solar Photovoltaic Panels

The certificate is valid from **2021-07-21** until **2024-07-20**

Subject to successful completion of annual periodic audits

The present status of this Certificate can be obtained on www.tuv-sud.com

Further clarifications regarding the scope of this certificate may be obtained by contacting the certification body

Certificate Registration No. **99 100 13663**

Date of Initial certification: **2012-07-21**

Issue Date: **2021-06-07** Rev. 00



Ref: 046
Head of Certification Body
of TÜV SÜD South Asia Private Limited
Member of TÜV SÜD Group



TÜV SÜD South Asia Private Limited (E&S) Mumbai-400772, Maharashtra, India | TÜV SÜD



Certificate of Compliance

This certificate is issued for the following:

Centrifugal Fire Pumps
(Horizontal, End Suction Type)

Models FG8S-125-100-200, FG8S-125-100-315, FG8S-150-125-250
FG8S-80-65-250, FG8S-125-100-250 and FG8S-150-125-315
(see attached listing)

Prepared for:

General Pumps S.L.
Pol. Ind. El Oliveral (U.E.7 Nave 1) C/ W
46394 Ribarroja del Turia
Valencia, Spain

FM Approvals Class: 1319

Approval Identification: PR452196 Approval Granted: December 11, 2018

To verify the product continues to be Approved please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

David R. Fuller

David R. Fuller
VP, Manager - Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Newwood, MA 02062 USA



Certificate of Compliance

This certificate is issued for the following:

Centrifugal Fire Pumps
(Axial Split-Case Type)

FGHC-125-100-400, FGHC-250-200-650,
FGHC-300-250-500 and FGHC-300-250-650
FGHC-250-200-315 (Modified)
(see attached listing)

Prepared for:

General Pumps S.L.
Pol. Ind. El Oliveral (U.E.7 Nave 1) C/ W
46394 Ribarroja del Turia
Valencia, Spain

FM Approvals Class: 1311

Approval Identification: PR459438 Approval Granted: February 5, 2021

To verify the product continues to be Approved please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

David B. Fuller

David B. Fuller
VP, Manager - Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Newwood, MA 02062

February 22, 2021

Date



SET CONTRAINCENDIO FIRE PUMP PACKAGE

- El equipo de bombeo contra incendios de General Pumps incorpora bombas, motores eléctricos, motores diésel, válvulas, colectores, interruptores de presión y paneles de control.
- Fabricado según UNE 23500 : 2012, UNE 23500 : 2018, Cepenven RT 2 ABA
- A General Pumps Fire Pump package is a fully assembled skid mounted pumping system with fire pumps, electric motors, diesel engines, valves, manifold, pressure switches and control panels.
- Manufactured according to UNE 23500 : 2012, UNE 23500 : 2018, Cepenven RT 2 ABA

Como funciona

- En caso de incendio, generalmente se inicia la demanda de agua o bien por la apertura de un hidrante o bien por el inicio automático de rociadores fijos, la repentina caída de presión en el sistema contra incendios causa que la bomba principal se inicie automáticamente para proporcionar el flujo de agua necesario a los puntos de aplicación.
- Las bombas principales están diseñadas para proporcionar suministro de agua a presión para la lucha contra incendios; éstas pueden iniciarse manual o automáticamente según se requiera.
- En estos sistemas contraincendios (Set contraincendio), normalmente se utilizan las bombas de eje libre o bombas verticales como principales y las bombas Jockey deben de tipo vertical.

How it works

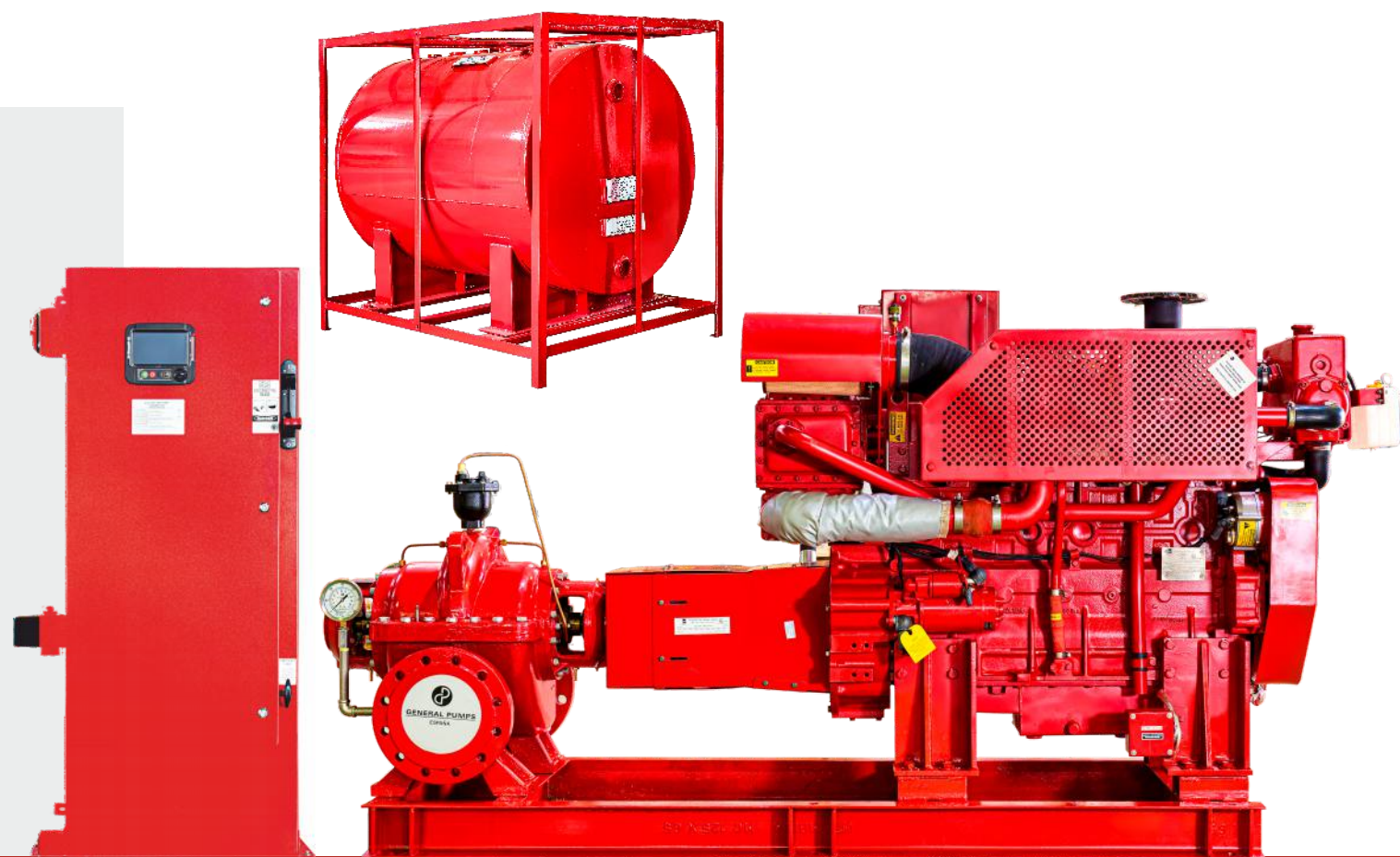
- In the event of a fire, either the opening of a fire hydrant or the automatic initiation of a fixed sprinklers installation usually initiates the demand for water. The sudden fall in pressure in the fire system rising main causes the main pump to automatically start and provide the required flow of water to the points of application.
- The main pumps are designed and manufactured to provide pressurized water to fire fighting system and they can be manually or automatically started.
- In these fire Pump packaged units End Suction Pumps or Vertical multistage Pumps are used as main pumps. Jockey Pumps shall be Vertical Multistage Pumps.





General Pumps ofrece bombas de carcasa partida horizontal de una y dos etapas con diseño robusto para aplicaciones antincendios que van desde 20 m³/hr hasta 2700 m³/hr. Las bombas están diseñadas para manejar presiones de hasta 16 bar. Podemos ofrecer las bombas en combinación de motor eléctrico con motor diésel. Las bombas se pueden suministrar con diferentes materiales de construcción, como combinaciones de hierro fundido, bronce y acero inoxidable.

General Pumps offers highly efficient with robust design single-stage and two-stage horizontal split case pumps for fire fighting applications which range from 20 m³/hr to 2700 m³/hr. The pumps are ideally designed to handle pressure up to 16 Bar. These pumps can offered in the combination of Electric Motor Driven with Diesel Engine Driven set. The pumps can be supplied with different material of constructions such as Cast Iron, Bronze and Stainless Steel combinations



SET CONTRAINCENDIO FIRE PACKAGE



**E + J
GCR + GCR (J)**
una bomba eléctrica principal (GCR) y una bomba jockey (GCR)
one main electrical pump (GCR) and one jockey pump (GCR)



**E + D + J
GBS + GBS + Jockey**
una bomba eléctrica principal (GBS), otra bomba diesel principal (GBS) y una bomba jockey (GCR)
one main electrical pump (GBS), other main diesel pump (GBS) and one jockey pump (GCR)



**E + J
GBS + GCR (J)**
una bomba eléctrica principal (GBS) y una bomba jockey (GCR)
one main electrical pump (GBS) and one jockey pump (GCR)



**E + E + J
2 x GBS + Jockey**
dos bombas eléctricas principales (GBS) y una bomba jockey (GCR)
two main electrical pump (GBS) and one jockey pump (GCR)



**E + J
GCC + Jockey**
una bomba eléctrica principal (GCC) y una bomba jockey (GCR)
one main electrical pump (GCC) and one jockey pump (GCR)



**E + E + J
2 x GCC + Jockey**
dos bombas eléctricas principales (GCC) y una bomba jockey (GCR)
two main electrical pump (GCC) and one jockey pump (GCR)

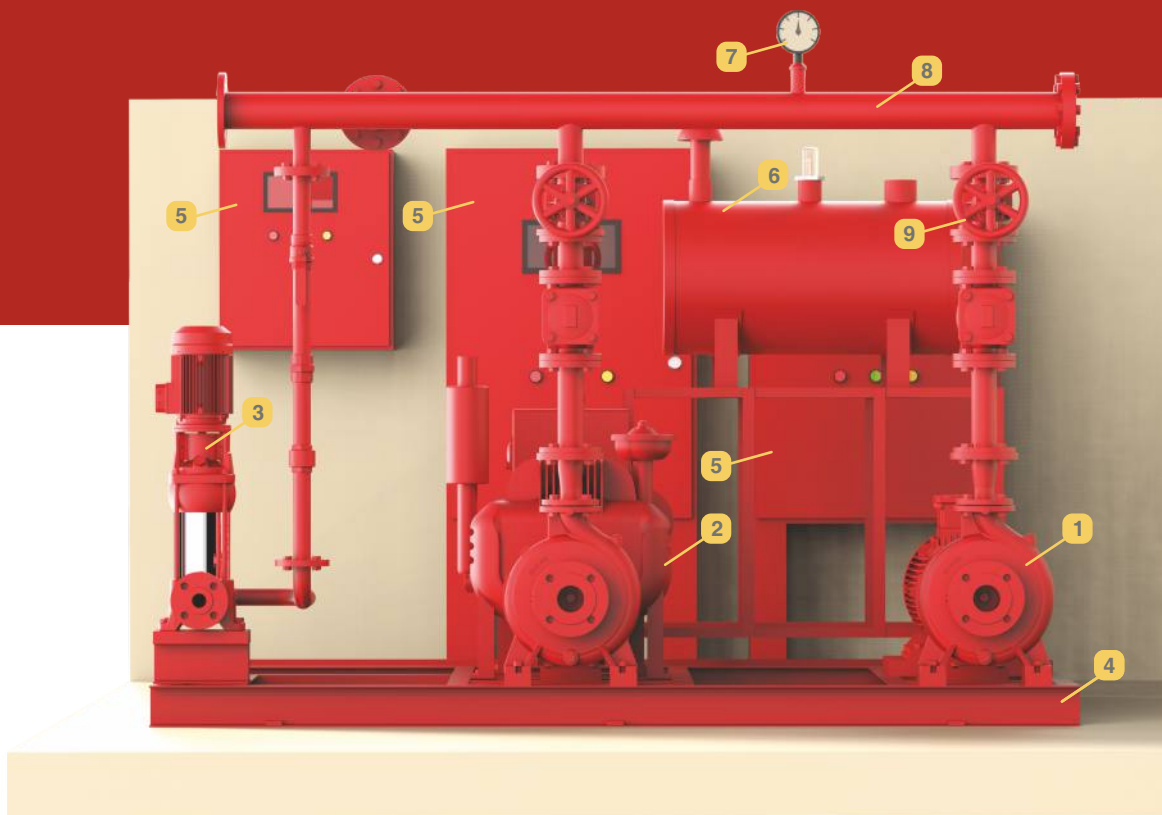


**D + J
GBS Diesel + Jockey**
una bomba diesel principal (GBS) y una bomba jockey (GCR)
one main diesel pump (GBS) and one jockey pump (GCR)



**E + D + J
GCC + GBS + Jockey**
una bomba eléctrica principal (GCC), otra bomba diesel principal (GBS) y una bomba jockey (GCR)
one main electrical pump (GCC), other main diesel pump (GBS) and one jockey pump (GCR)

ESQUEMA TIPICO DE UN SISTEMA CONTRA INCENDIOS A TYPICAL SCHEMATIC OF FIRE SYSTEM



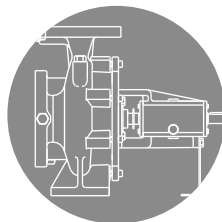
1. Bomba principal eléctrica
2. Bomba principal diesel
3. Bomba auxiliar Jockey
4. Base
5. Cuadro arranque y control bomba principal (eléctrica y diesel)
6. Acumulador de membrana
7. Manómetro
8. Colector de Impulsión
9. Válvula de regulación



1. Motor Driven Pump
2. Diesel Engine Driven Pump
3. Jockey Pump
4. Skid
5. Controller
6. Diesel Tank with Stand
7. Pressure Gauge
8. Delivery Header
9. Pump Delivery Isolation Valves



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Bomba Principal

La bomba principal está diseñada para suministrar el flujo de agua especificado a una presión determinada por los requisitos del sistema contra incendio. Debe ser capaz de entregar un mínimo del 140% del flujo nominal a no menos del 70% de su presión nominal.

El impulsor y los anillos de desgaste serán de bronce y el eje de la bomba es de material de acero inoxidable.

Para los manómetros de succión y descarga, éstos deberán tener puertos roscados cerca de la succión y suministro bridas. La bomba debe tener un puerto de drenaje roscado en la parte inferior de la carcasa para drenar la bomba durante mantenimiento.

La bomba tendrá un diseño de extracción posterior para permitir que las partes giratorias sean removidas y mantenidas sin desmontar la tubería de aspiración y descarga.

Main Pump

The main pump is designed to deliver the specified flow of water at a pressure determined by the requirements of the Fire Fighting system. It must be capable of discharging a minimum of 140% of the rated flow at not less than 70% of its rated pressure.

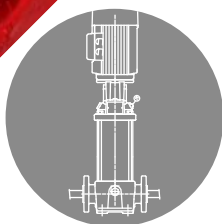
The impeller and wear rings shall be of bronze and the pump shaft is of stainless steel material.

For installing suction and discharge pressure gauges, it shall have threaded ports near suction and delivery flanges. The pump shall have a threaded drain port at the bottom of casing for draining the pump during maintenance.

The pump shall have back pull out design so as to enable the rotating parts to be removed and serviced without dismantling the suction and discharge pipe work.

Bomba Jockey

La bomba jockey es una vertical de múltiples etapas. Bomba de tipo centrífugo, que se utiliza para mantener la presión en la red. El arranque y la parada es controlado automáticamente por medio de interruptores de presión.



Jockey Pump

The jockey pump is a vertical multi-stage centrifugal type pump, which is used for maintaining the pressure in the fire-fighting system. The starting and stopping is automatically controlled by means of pressure switches.



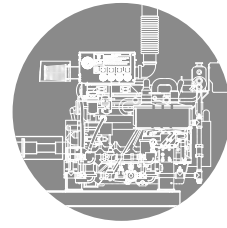
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Motor Diesel

El motor se suministra con los siguientes elementos:

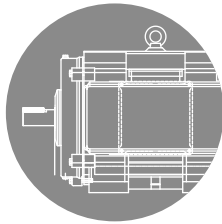
- Depósito de combustible.
- Dos juegos de baterías de arranque (el voltaje de la batería puede ser de 12 o 24 V).
- Filtros de aire, aceite y combustible.
- Silenciador de escape y conector flexible para el colector de escape del motor.
- La refrigeración del motor puede ser por los siguientes medios
- Detector e indicador de velocidad de proximidad.
- Indicador de temperatura del motor con alta alarma de advertencia de temperatura.
- Indicador de presión de aceite con bajo nivel de aceite. alarma de advertencia de presión.



Diesel Engine

The engine is supplied with the following items:

- Fuel tank.
- Two sets of starting batteries (battery voltage shall be 12 volts DC.).
- Air, oil and fuel filters.
- Exhaust silencer and flexible connector for the engine exhaust manifold.
- Engine cooling shall be by Heat Exchanger
- Proximity Speed detector and indicator.
- Engine Temperature Indicator with high temperature warning alarm.
- Oil Pressure indicator with low oil pressure warning alarm.



Motor Electrico

Estos son AC, trifásico, "jaula de ardilla", 415 voltios, 50 Hz, servicio S1, clase F, motores de inducción IP55.

Características

- Los motores están equipados con una matriz de aluminio equilibrada dinámicamente. Rotores de la jaula de ardilla.
- Los motores están equipados con rodamientos de bolas antifricción pre-lubricados
- Los motores están libres de humedad y partículas de polvo.
- Pérdidas mínimas del rotor debido al uso de grado electrolítico de aluminio.
- Pérdidas mínimas de cobre debido al uso de grado electrolítico de cobre.
- Mínimas pérdidas por fricción.
- Bajo ruido, motor de marcha suave.

Electric Motor

These are AC, three-phase, squirrel cage, 415 volts, 50 Hz, S1 duty, F class, IP 55 induction motors.

Features

- Motors are fitted with dynamically balanced aluminium die cast squirrel cage rotors.
- Motors are fitted with pre-lubricated antifricition ball bearings
- Motors are free from moisture and dust particles.
- Minimum rotor losses due to use of electrolytic grade of aluminum.
- Minimum copper losses due to use of electrolytic grade of copper.
- Minimum friction losses.
- Low noise, smooth running motor.

UNE : 23500

Esta norma establece los requisitos para los sistemas de suministro de agua utilizados en la extinción de incendios.

This standard establishes the requirements for water supply systems used for the supply of specific fire extinguishing systems.

Rendimiento / Características Hidráulicas:

La bomba principal de ser capaz de cubrir el 140% del flujo nominal a una presión no inferior al 70% de la presión nominal.

Performance / Hydraulic characteristics:

The main pump is able to drive 140% of the nominal flow of the pump at a pressure not less than 70% of the nominal pressure.

Material De Construcción:

- El cuerpo de la bomba es hierro fundido o una aleación de metal con propiedades físicas y mecánicas equivalentes.
- El material del impulsor es bronce o acero inoxidable fundido en una sola pieza o una aleación de metal con propiedades físicas y mecánicas con equivalentes.
- El anillo de desgaste de la bomba es de hierro fundido o equivalente. El eje de la bomba es de material de acero inoxidable.
- El sellado de la bomba es con empaquetadura de prensa estopa.

Material of construction:

- The pump body is of cast iron or a metal alloy with physical and mechanical properties equivalent.
- The impeller material is bronze or stainless steel cast in one piece or a metal alloy physical and mechanical properties with equivalent.
- Pump wear ring is of cast iron or equivalent. The pump shaft is of stainless steel material.
- Pump sealing is either with gland packing.

Sistemas Basados En La Norma UNE 23500 / Combinaciones

Systems based on UNE 23500 Standard with following system / Combinations

- El sistema consta de 1 bomba eléctrica y 1 bomba jockey
- El sistema consta de 2 bombas eléctricas y 1 bomba jockey
- El sistema consta de 1 bomba diesel y 1 bomba jockey
- El sistema consta de 1 bomba eléctrica, 1 diesel y 1 bomba jockey
- System consists of 1 electrical and 1 jockey pump
- System consists of 2 electrical and 1 jockey pump
- System consists of 1 diesel and 1 jockey pump
- System consists of 1 electrical, 1 diesel and 1 jockey pump

Leyenda :

- D - Bomba contra incendios accionada por motor diesel
- E - Bomba contra incendios accionada por motor eléctrico
- J - Bomba Jockey

Nuestras combinaciones:

1. E + J (bomba principal GCR + GCRJockey)
2. E + J (GBS + Jockey)
3. D + J (GBS Diesel + Jockey)
4. E + D + J (GBS + GBS + Jockey)
5. E + E + J (2xGBS + Jockey)
6. E + E + J (2xGCC + Jockey)
7. E + J (GCC + Jockey)
8. E + D + J (GCC + GBS + Jockey)

Designations :

- D – Diesel Engine driven Fire Pump
- E – Electric Motor driven Fire Pump
- J – Jockey Pump

Our Combinations :

1. E + J (GCR Main pump+GCRJockey)
2. E + J (GBS+Jockey)
3. D + J (GBS Diesel +Jockey)
4. E + D + J (GBS+GBS+Jockey)
5. E + E + J (2xGBS +Jockey)
6. E + E + J (2xGCC +Jockey)
7. E + J (GCC+Jockey)
8. E + D + J (GCC+GBS+Jockey)





CEPREVEN RT2 ABA

Esta norma establece los requisitos para los sistemas de suministro de agua utilizados en la extinción de incendios.

This standard establishes the requirements for water supply systems used for the supply of specific fire extinguishing systems.

Rendimiento / Características Hidráulicas:

La bomba principal de ser capaz de cubrir el 140% del flujo nominal a una presión no inferior al 70% de la presión nominal.

Performance / hydraulic characteristics :

The main pump is able to drive 140% of the nominal flow of the pump at a pressure not less than 70% of the nominal pressure.

Material De Construcción:

- El impulsor está hecho de bronce o acero inoxidable fundido en una sola pieza.
- Cuerpo y cubierta con anillos de desgaste: **bronce**.
- Eje y manguitos de eje: **acero inoxidable**
- Impulsor con anillos: **bronce**
- Impulsor sin anillos: **bronce**

Material of construction:

- The impeller is made of bronze or stainless steel cast in one piece.
- Body and cover with wearing rings : **Bronze**
- Shaft and shaft sleeves : **Stainless steel**
- Impeller wearing rings : **Bronze**
- Impeller without wearing rings : **Bronze**

Sistemas Basados En El Estándar CEPREVEN RT2 ABA Con Las Sigüientes Combinaciones De Sistemas

Systems based on CEPREVEN RT2 ABA standard with following system combinations

- El sistema consta de 1 bomba eléctrica y 1 bomba jockey
 - El sistema consta de 2 bombas eléctricas y 1 bomba jockey
 - El sistema consta de 1 diesel y 1 bomba jockey
 - El sistema consta de 1 bomba eléctrica, 1 diesel y 1 bomba jockey
- System consists of 1 electrical and 1 jockey pump
 - System consists of 2 electrical and 1 jockey pump
 - System consists of 1 diesel and 1 jockey pump
 - System consists of 1 electrical, 1 diesel and 1 jockey pump

Leyenda :

- D - Bomba contra incendios accionada por motor diesel
- E - Bomba contra incendios accionada por motor eléctrico
- J - Bomba Jockey

Nuestras combinaciones :

1. E + J (GBS + Jockey)
2. E + E + J (2xGBS + Jockey)
3. D + J (GBS Diesel + Jockey)
4. E + D + J (GBS + GBS + Jockey)

Designations :

- D – Diesel Engine driven Fire Pump
- E – Electric Motor driven Fire Pump
- J – Jockey Pump

Our Combinations :

1. E + J (GBS+Jockey)
2. E + E + J (2xGBS +Jockey)
3. D + J (GBS Diesel +Jockey)
4. E + D + J (GBS+GBS+Jockey)

Clave de selección

Selection Key

FX	XXX	XXJ	XX	XX
Estándar	Bomba principal	Combinación	m ³ /hr	Cabeza
Standard	Main Pump	Combination	m ³ /hr	Head
FC for Cephreven RT2 ABA	GCR	1EJ	12	45
FU for UNE 23500	GCS	2EJ	18	50
	GBS	1DJ	24	55
		DEJ	30	60
			36	65
			42	70
			48	75
			54	80
				85
				90

Por ejemplo : FCGBS-DEJ-36-45
 For Example : FCGBS-DEJ-36-45



E + J

GCR + GCR (J)

Unidad de extinción de incendios según UNE 23500 con una bomba eléctrica principal (GCR) y una bomba jockey (GCR)

Fire Fighting unit as per UNE 23500 with one main electrical pump (GCR) and one jockey pump (GCR)



Nº Sr.	Caudal	Altura en m	Bomba principal GCR	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Modelo del Panel
Sr No.	Flow	Head in mtr	Main Pump GCR	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Panel Model
1	12 m³/hr	45	GCR15-04	4.00	0.6	45	GCR1s-09	0.50	GUEJ5.5-A
2		50	GCR15-04	4.00		50	GCR1s-10	0.50	GUEJ5.5-A
3		55	GCR15-05	5.50		55	GCR1s-11	0.50	GUEJ5.5-A
4		60	GCR15-05	5.50		60	GCR1s-13	0.50	GUEJ5.5-A
5		65	GCR15-05	5.50		65	GCR1s-15	0.75	GUEJ5.5-A
6		70	GCR15-06	7.50		70	GCR1s-15	0.75	GUEJ7.5-A
7		75	GCR15-06	7.50		75	GCR1s-17	0.75	GUEJ7.5-A
8		80	GCR15-07	7.50		80	GCR1s-17	0.75	GUEJ7.5-A
9		85	GCR15-07	7.50		85	GCR1s-19	0.75	GUEJ7.5-A
10		90	GCR15-07	7.50		90	GCR1s-19	0.75	GUEJ7.5-A
11	18 m³/hr	45	GCR20-04	5.50	1	45	GCR1-08	0.75	GUEJ5.5-A
12		50	GCR20-04	5.50		50	GCR1-09	0.75	GUEJ5.5-A
13		55	GCR20-05	7.50		55	GCR1-10	0.75	GUEJ7.5-A
14		60	GCR20-05	7.50		60	GCR1-11	0.75	GUEJ7.5-A
15		65	GCR20-05	7.50		65	GCR1-12	1.00	GUEJ7.5-A
16		70	GCR20-06	7.50		70	GCR1-13	1.00	GUEJ7.5-A
17		75	GCR20-06	10.00		75	GCR1-13	1.00	GUEJ10-A
18		80	GCR20-07	10.00		80	GCR1-15	1.00	GUEJ10-A
19		85	GCR20-07	10.00		85	GCR1-15	1.00	GUEJ10-A
20	24 m³/hr	45	GCR32-03	7.50	1.2	45	GCR1-08	0.75	GUEJ7.5-A
21		50	GCR32-03	7.50		50	GCR1-09	0.75	GUEJ7.5-A
22		55	GCR32-04-2	7.50		55	GCR1-10	0.75	GUEJ7.5-A
23		60	GCR32-04-2	7.50		60	GCR1-11	0.75	GUEJ7.5-A

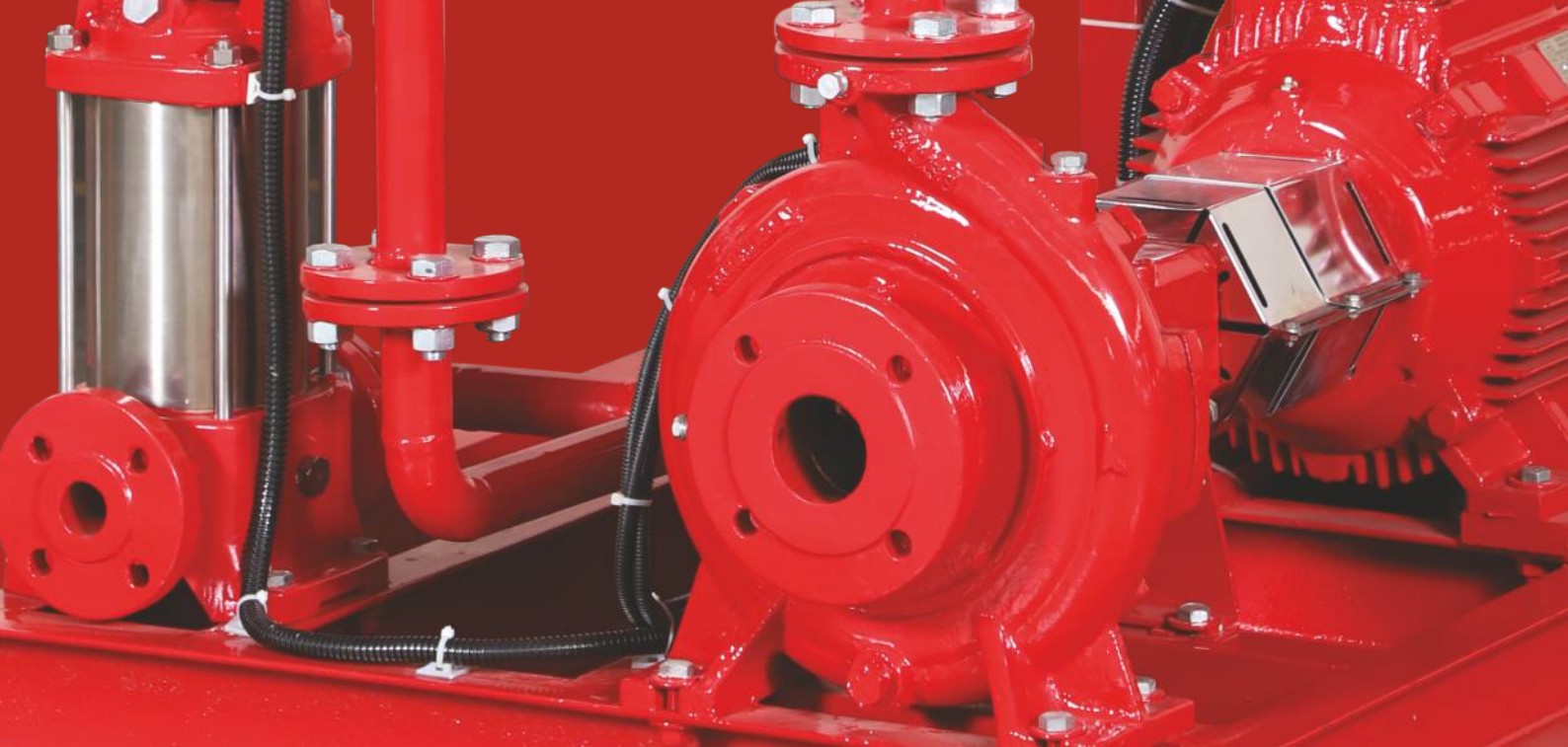


E + J GBS + GCR (J)

Unidad de extinción de incendios según UNE 23500 con una bomba eléctrica principal (GBS) y una bomba jockey (GCR)

Fire Fighting unit as per UNE 23500 with one main electrical pump (GBS) and one jockey pump (GCR)

Nº Sr.	Caudal	Altura en m	Motor eléctrico bomba accionada	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Modelo del Panel
Sr No.	Flow	Head in mtr	Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Panel Model
1	24 m³/hr	60	GBS 40-250	15.0	1.2	60	GCR1-11	0.75	GUEJ15-A
2		65	GBS 40-250	20.0		65	GCR1-12	1.0	GUEJ20-A
3		70	GBS 40-250	20.0		70	GCR1-13	1.0	GUEJ20-A
4		75	GBS 40-250	20.0		75	GCR1-15	1.0	GUEJ20-A
5		80	GBS 40-250	25.0		80	GCR1-15	1.0	GUEJ25-A
6		85	GBS 40-250	25.0		85	GCR1-17	1.5	GUEJ25-B
7	30 m³/hr	45	GBS 40-225	15.0	1.5	45	GCR1-09	0.75	GUEJ15-A
8		50	GBS 40-225	15.0		50	GCR1-10	0.75	GUEJ15-A
9		55	GBS 40-250	15.0		55	GCR1-11	0.75	GUEJ15-A
10		60	GBS 40-250	20.0		60	GCR1-12	1.0	GUEJ20-A
11		65	GBS 40-250	20.0		65	GCR1-13	1.0	GUEJ20-A
12		70	GBS 40-250	20.0		70	GCR1-15	1.0	GUEJ20-A
13		75	GBS 40-250	25.0		75	GCR1-15	1.0	GUEJ25-A
14		80	GBS 40-250	25.0		80	GCR1-17	1.5	GUEJ25-B
15	85	GBS 40-250	30.0	85	GCR1-17	1.5	GUEJ30-B		
16	36 m³/hr	45	GBS 50-200	15.0	1.8	45	GCR1-10	0.75	GUEJ15-A
17		50	GBS 50-200	15.0		50	GCR1-11	0.75	GUEJ15-A
18		55	GBS 50-200	20.0		55	GCR1-12	1.0	GUEJ20-A
19		60	GBS 50-200	20.0		60	GCR1-13	1.0	GUEJ20-A
20		65	GBS 40-250	20.0		65	GCR1-15	1.0	GUEJ20-A
21		70	GBS 40-250	20.0		70	GCR1-17	1.5	GUEJ20-B
22		75	GBS 40-250	25.0		75	GCR1-17	1.5	GUEJ25-B
23		80	GBS 40-250	30.0		80	GCR1-19	1.5	GUEJ30-B
24		85	GBS 40-250	30.0		85	GCR1-19	1.5	GUEJ30-B



Nº Sr.	Caudal	Altura en m	Motor eléctrico bomba accionada	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Modelo del Panel
Sr No.	Flow	Head in mtr	Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Panel Model
25	42 m³/hr	45	GBS 50-200	15.0	2.1	45	GCR3-08	1.0	GUEJ15-A
26		50	GBS 50-200	15.0		50	GCR3-09	1.0	GUEJ15-A
27		55	GBS 50-200	20.0		55	GCR3-10	1.0	GUEJ20-A
28		60	GBS 50-200	20.0		60	GCR3-11	1.5	GUEJ20-B
29		65	GBS 40-250L	30.0		65	GCR3-12	1.5	GUEJ30-B
30		70	GBS 40-250L	30.0		70	GCR3-13	1.5	GUEJ30-B
31		75	GBS 40-250L	30.0		75	GCR3-15	1.5	GUEJ30-B
32		80	GBS 40-250L	40.0		80	GCR3-15	1.5	GUEJ40-B
33		85	GBS 40-250L	40.0		85	GCR3-17	2.0	GUEJ40-C
34		48 m³/hr	45	GBS 50-200		15.0	2.4	45	GCR3-09
35	50		GBS 50-200	20.0	50	GCR3-10		1.0	GUEJ20-A
36	55		GBS 50-200	20.0	55	GCR3-11		1.5	GUEJ20-B
37	60		GBS 40-250L	25.0	60	GCR3-11		1.5	GUEJ25-B
38	65		GBS 40-250L	30.0	65	GCR3-12		1.5	GUEJ30-B
39	70		GBS 40-250L	30.0	70	GCR3-13		1.5	GUEJ30-B
40	75		GBS 40-250L	40.0	75	GCR3-15		1.5	GUEJ40-B
41	80		GBS 40-250L	40.0	80	GCR3-15		1.5	GUEJ40-B
42	54 m³/hr	45	GBS 50-200	15.0	2.7	45	GCR3-09	1.0	GUEJ15-A
43		50	GBS 50-200	20.0		50	GCR3-10	1.0	GUEJ20-A
44		55	GBS 50-200	20.0		55	GCR3-11	1.5	GUEJ20-B
45		60	GBS 40-250L	25.0		60	GCR3-12	1.5	GUEJ25-B
46		65	GBS 40-250L	30.0		65	GCR3-13	1.5	GUEJ30-B
47		70	GBS 40-250L	30.0		70	GCR3-15	1.5	GUEJ30-B
48		75	GBS 40-250L	40.0		75	GCR3-15	1.5	GUEJ40-B
49		80	GBS 40-250L	40.0		80	GCR3-17	2.0	GUEJ40-C



E + J GCC + Jockey

Unidad de extinción de incendios según UNE 23500 con una bomba eléctrica principal (GCC) y una bomba jockey (GCR)

Fire Fighting unit as per UNE 23500 with one main electrical pump (GCC) and one jockey pump (GCR)

Nº Sr.	Caudal	Altura en m	Motor eléctrico bomba accionada	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Modelo del Panel
Sr No.	Flow	Head in mtr	Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Panel Model
1	24 m³/hr	60	GCC 40-250	15.0	1.2	60	GCR1-11	0.75	GUEJ15-A
2		65	GCC 40-250	20.0		65	GCR1-12	1.0	GUEJ20-A
3		70	GCC 40-250	20.0		70	GCR1-13	1.0	GUEJ20-A
4		75	GCC 40-250	20.0		75	GCR1-15	1.0	GUEJ20-A
5		80	GCC 40-250	25.0		80	GCR1-15	1.0	GUEJ25-A
6		85	GCC 40-250	25.0		85	GCR1-17	1.5	GUEJ25-B
7	30 m³/hr	45	GCC 40-225	15.0	1.5	45	GCR1-09	0.75	GUEJ15-A
8		50	GCC 40-225	15.0		50	GCR1-10	0.75	GUEJ15-A
9		55	GCC 40-250	15.0		55	GCR1-11	0.75	GUEJ15-A
10		60	GCC 40-250	20.0		60	GCR1-12	1.0	GUEJ20-A
11		65	GCC 40-250	20.0		65	GCR1-13	1.0	GUEJ20-A
12		70	GCC 40-250	20.0		70	GCR1-15	1.0	GUEJ20-A
13		75	GCC 40-250	25.0		75	GCR1-15	1.0	GUEJ25-A
14		80	GCC 40-250	25.0		80	GCR1-17	1.5	GUEJ25-B
15	85	GCC 40-250	30.0	85	GCR1-17	1.5	GUEJ30-B		
16	36 m³/hr	45	GCC 50-200	15.0	1.8	45	GCR1-10	0.75	GUEJ15-A
17		50	GCC 50-200	15.0		50	GCR1-11	0.75	GUEJ15-A
18		55	GCC 50-200	20.0		55	GCR1-12	1.0	GUEJ20-A
19		60	GCC 50-200	20.0		60	GCR1-13	1.0	GUEJ20-A
20		65	GCC 40-250	20.0		65	GCR1-15	1.0	GUEJ20-A
21		70	GCC 40-250	20.0		70	GCR1-17	1.5	GUEJ20-B
22		75	GCC 40-250	25.0		75	GCR1-17	1.5	GUEJ25-B
23		80	GCC 40-250	30.0		80	GCR1-19	1.5	GUEJ30-B
24		85	GCC 40-250	30.0		85	GCR1-19	1.5	GUEJ30-B

Nº Sr.	Caudal	Altura en m	Motor eléctrico bomba accionada	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Modelo del Panel
Sr No.	Flow	Head in mtr	Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Panel Model
25	42 m³/hr	45	GCC 50-200	15.0	2.1	45	GCR3-08	1.0	GUEJ15-A
26		50	GCC 50-200	15.0		50	GCR3-09	1.0	GUEJ15-A
27		55	GCC 50-200	20.0		55	GCR3-10	1.0	GUEJ20-A
28		60	GCC 50-200	20.0		60	GCR3-11	1.5	GUEJ20-B
29		65	GCC 40-250L	30.0		65	GCR3-12	1.5	GUEJ30-B
30		70	GCC 40-250L	30.0		70	GCR3-13	1.5	GUEJ30-B
31		75	GCC 40-250L	30.0		75	GCR3-15	1.5	GUEJ30-B
32		80	GCC 40-250L	40.0		80	GCR3-15	1.5	GUEJ40-B
33		85	GCC 40-250L	40.0		85	GCR3-17	2.0	GUEJ40-C
34		48 m³/hr	45	GCC 50-200		15.0	2.4	45	GCR3-09
35	50		GCC 50-200	20.0	50	GCR3-10		1.0	GUEJ20-A
36	55		GCC 50-200	20.0	55	GCR3-11		1.5	GUEJ20-B
37	60		GCC 40-250L	25.0	60	GCR3-11		1.5	GUEJ25-B
38	65		GCC 40-250L	30.0	65	GCR3-12		1.5	GUEJ30-B
39	70		GCC 40-250L	30.0	70	GCR3-13		1.5	GUEJ30-B
40	75		GCC 40-250L	40.0	75	GCR3-15		1.5	GUEJ40-B
41	80		GCC 40-250L	40.0	80	GCR3-15		1.5	GUEJ40-B
42	54 m³/hr	45	GCC 50-200	15.0	2.7	45	GCR3-09	1.0	GUEJ15-A
43		50	GCC 50-200	20.0		50	GCR3-10	1.0	GUEJ20-A
44		55	GCC 50-200	20.0		55	GCR3-11	1.5	GUEJ20-B
45		60	GCC 40-250L	25.0		60	GCR3-12	1.5	GUEJ25-B
46		65	GCC 40-250L	30.0		65	GCR3-13	1.5	GUEJ30-B
47		70	GCC 40-250L	30.0		70	GCR3-15	1.5	GUEJ30-B
48		75	GCC 40-250L	40.0		75	GCR3-15	1.5	GUEJ40-B
49		80	GCC 40-250L	40.0		80	GCR3-17	2.0	GUEJ40-C





D + J GBS Diesel + Jockey

Unidad de extinción de incendios según UNE 23500 con una bomba diesel principal (GBS) y una bomba jockey (GCR)

Fire Fighting unit as per UNE 23500 with one main diesel pump (GBS) and one jockey pump (GCR)

Nº Sr.	Caudal	Altura en m	Motor diesel bomba accionada	Motor Poder clasificación (CV)	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Modelo del Panel
Sr No.	Flow	Head in mtr	Diesel Engine driven pump	Engine Power rating (HP)	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Panel Model
1	24 m³/hr	60	GBS 40-250	26.0	1.2	60	GCR1-11	0.75	GUD-A-12
2		65	GBS 40-250	26.0		65	GCR1-12	1.0	GUD-A-12
3		70	GBS 40-250	26.0		70	GCR1-13	1.0	GUD-A-12
4		75	GBS 40-250	26.0		75	GCR1-15	1.0	GUD-A-12
5		80	GBS 40-250	26.0		80	GCR1-15	1.0	GUD-A-12
6		85	GBS 40-250	26.0		85	GCR1-17	1.5	GUD-B-12
7	30 m³/hr	45	GBS 40-225	26.0	1.5	45	GCR1-09	0.75	GUD-A-12
8		50	GBS 40-225	26.0		50	GCR1-10	0.75	GUD-A-12
9		55	GBS 40-250	26.0		55	GCR1-11	0.75	GUD-A-12
10		60	GBS 40-250	26.0		60	GCR1-12	1.0	GUD-A-12
11		65	GBS 40-250	26.0		65	GCR1-13	1.0	GUD-A-12
12		70	GBS 40-250	26.0		70	GCR1-15	1.0	GUD-A-12
13		75	GBS 40-250	26.0		75	GCR1-15	1.0	GUD-A-12
14		80	GBS 40-250	26.0		80	GCR1-17	1.5	GUD-B-12
15	85	GBS 40-250	37.0	85	GCR1-17	1.5	GUD-B-12		
16	36 m³/hr	45	GBS 50-200	26.0	1.8	45	GCR1-10	0.75	GUD-A-12
17		50	GBS 50-200	26.0		50	GCR1-11	0.75	GUD-A-12
18		55	GBS 50-200	26.0		55	GCR1-12	1.0	GUD-A-12
19		60	GBS 50-200	26.0		60	GCR1-13	1.0	GUD-A-12
20		65	GBS 40-250	26.0		65	GCR1-15	1.0	GUD-A-12
21		70	GBS 40-250	26.0		70	GCR1-17	1.5	GUD-B-12
22		75	GBS 40-250	26.0		75	GCR1-17	1.5	GUD-B-12
23		80	GBS 40-250	37.0		80	GCR1-19	1.5	GUD-B-12
24		85	GBS 40-250	37.0		85	GCR1-19	1.5	GUD-B-12

Nº Sr.	Caudal	Altura en m	Motor diesel bomba accionada	Motor Poder clasificación (CV)	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Modelo del Panel
Sr No.	Flow	Head in mtr	Diesel Engine driven pump	Engine Power rating (HP)	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Panel Model
25	42 m³/hr	45	GBS 50-200	26.0	2.1	45	GCR3-08	1.0	GUD-A-12
26		50	GBS 50-200	26.0		50	GCR3-09	1.0	GUD-A-12
27		55	GBS 50-200	26.0		55	GCR3-10	1.0	GUD-A-12
28		60	GBS 50-200	26.0		60	GCR3-11	1.5	GUD-B-12
29		65	GBS 40-250L	37.0		65	GCR3-12	1.5	GUD-B-12
30		70	GBS 40-250L	37.0		70	GCR3-13	1.5	GUD-B-12
31		75	GBS 40-250L	37.0		75	GCR3-15	1.5	GUD-B-12
32		80	GBS 40-250L	44.0		80	GCR3-15	1.5	GUD-B-12
33		85	GBS 40-250L	44.0		85	GCR3-17	2.0	GUD-C-12
34		48 m³/hr	45	GBS 50-200		26.0	2.4	45	GCR3-09
35	50		GBS 50-200	26.0	50	GCR3-10		1.0	GUD-A-12
36	55		GBS 50-200	26.0	55	GCR3-11		1.5	GUD-B-12
37	60		GBS 40-250L	26.0	60	GCR3-11		1.5	GUD-B-12
38	65		GBS 40-250L	37.0	65	GCR3-12		1.5	GUD-B-12
39	70		GBS 40-250L	37.0	70	GCR3-13		1.5	GUD-B-12
40	75		GBS 40-250L	44.0	75	GCR3-15		1.5	GUD-B-12
41	80		GBS 40-250L	44.0	80	GCR3-15		1.5	GUD-B-12
42	54 m³/hr	45	GBS 50-200	26.0	2.7	45	GCR3-09	1.0	GUD-A-12
43		50	GBS 50-200	26.0		50	GCR3-10	1.0	GUD-A-12
44		55	GBS 50-200	26.0		55	GCR3-11	1.5	GUD-B-12
45		60	GBS 40-250L	26.0		60	GCR3-12	1.5	GUD-B-12
46		65	GBS 40-250L	37.0		65	GCR3-13	1.5	GUD-B-12
47		70	GBS 40-250L	37.0		70	GCR3-15	1.5	GUD-B-12
48		75	GBS 40-250L	44.0		75	GCR3-15	1.5	GUD-B-12
49		80	GBS 40-250L	44.0		80	GCR3-17	2.0	GUD-C-12



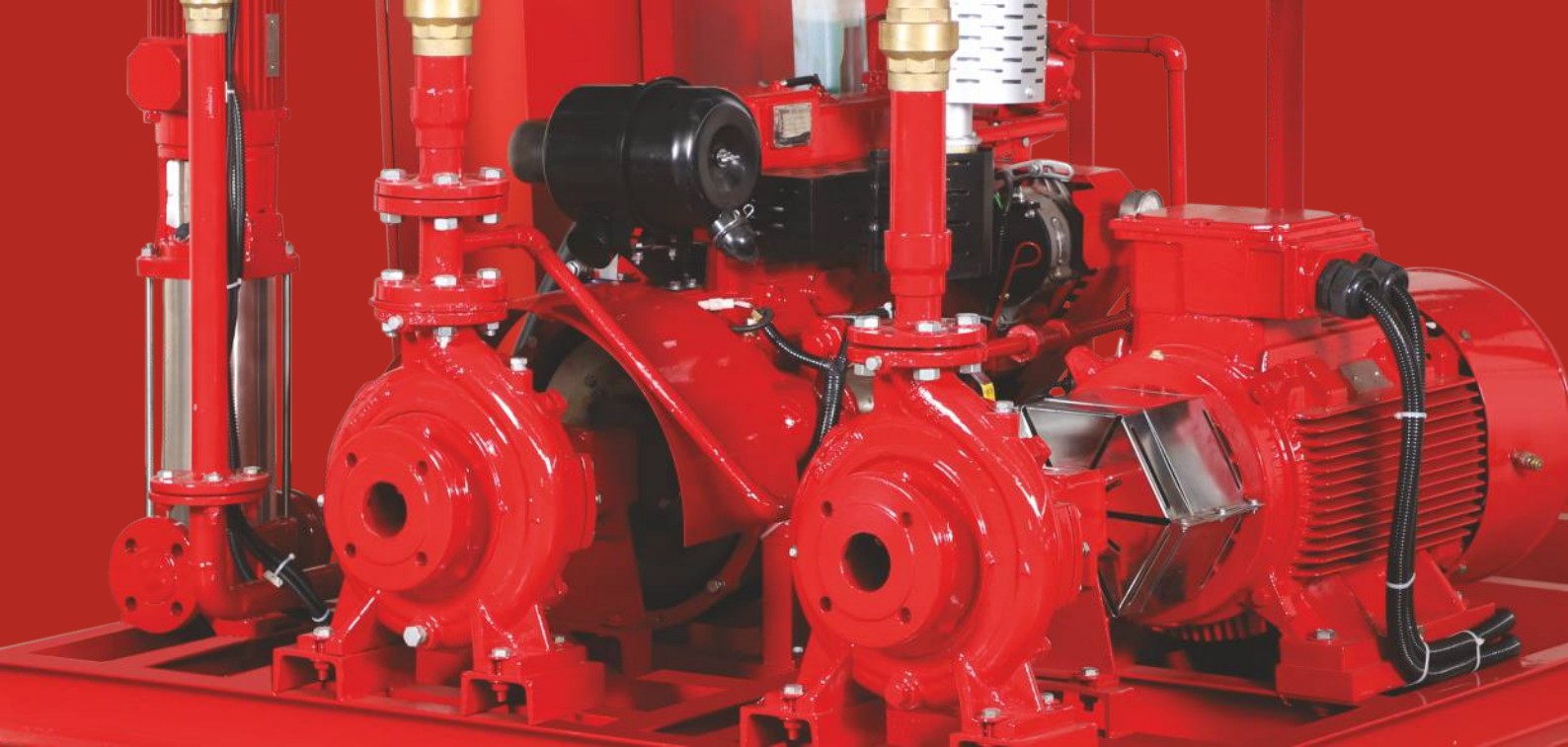


E + D + J GBS + GBS + Jockey

Unidad de extinción de incendios según UNE 23500 con una bomba eléctrica principal (GBS), otra bomba diesel principal (GBS) y una bomba jockey (GCR)

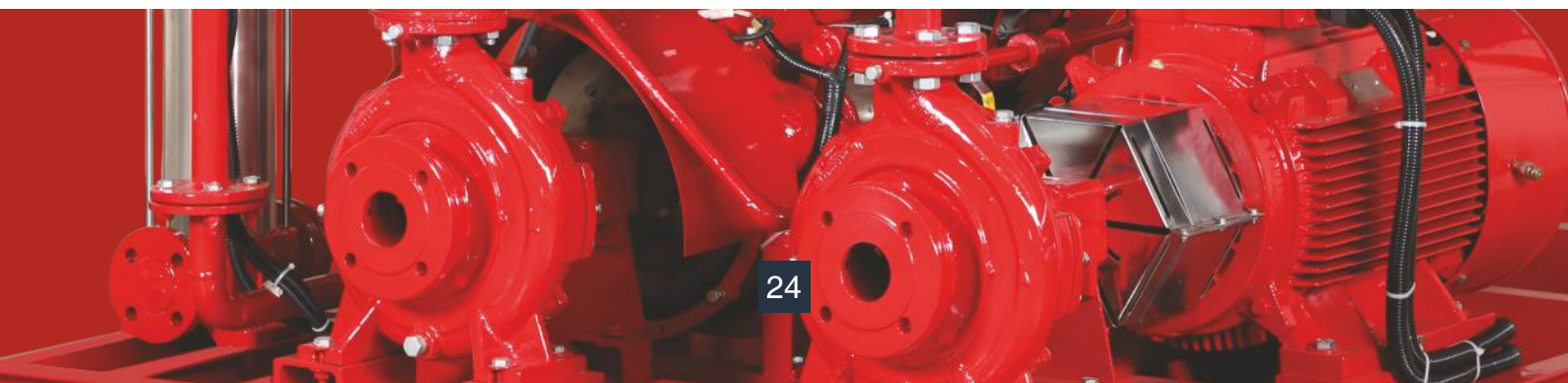
Fire Fighting unit as per UNE 23500 with one main electrical pump (GBS), other main diesel pump (GBS) and one jockey pump (GCR)

No Señor	Fluir	Cabeza en mtr	Motor eléctrico Y Motor diesel bomba accionada Electric motor & Diesel Engine driven pump	Fuerza de motor calificación (HP) 2900 RPM Motor Power rating (HP) 2900 RPM	Motor Poder clasificación (HP) Engine Power rating (HP)	Flow para jockey bomba (m³/hr) @ 5% de flujo de Bombas principales Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Cabeza metro	Bomba jockey Jockey Pump	Bomba jockey calificación en (HP) Jockey pump rating in (HP)	Diesel + jockey Panel Diesel + jockey Panel	Eléctrico Panel Electrical Panel
Sr No	Flow	Head in mtr					Head m				
1	24 m³/hr	40	GBS 032-200L	7.5	26.0	1.2	40	GCR 1-08	0.75	GUD-A-12	GEU7.5
2		45	GBS 032-200	10.0	26.0		45	GCR 1-08	0.75	GUD-A-12	GEU10
3		50	GBS 032-200	10.0	26.0		50	GCR 1-09	0.75	GUD-A-12	GEU10
4		55	GBS 032-200	10.0	26.0		55	GCR 1-10	0.75	GUD-A-12	GEU10
5		60	GBS 40-250	15.0	26.0		60	GCR1-11	0.75	GUD-A-12	GEU15
6		65	GBS 40-250	20.0	26.0		65	GCR1-12	1.0	GUD-A-12	GEU20
7		70	GBS 40-250	20.0	26.0		70	GCR1-13	1.0	GUD-A-12	GEU20
8		75	GBS 40-250	20.0	26.0		75	GCR1-15	1.0	GUD-A-12	GEU20
9		80	GBS 40-250	25.0	26.0		80	GCR1-15	1.0	GUD-A-12	GEU25
10		85	GBS 40-250	25.0	26.0		85	GCR1-17	1.5	GUD-B-12	GEU25
11		90	GBS 040-250	25.0	26.0		90	GCR1-17	1.5	GUD-B-12	GEU25
12		95	GBS 040-250L	25.0	26.0		95	GCR1-17	1.5	GUD-B-12	GEU25
13		100	GBS 050-250	25.0	26.0		100	GCR1-19	1.5	GUD-B-12	GEU25
14	36 m³/hr	40	GBS 032-200L	10.0	26.0	1.8	40	GCR 1-09	0.75	GUD-A-12	GEU10
15		45	GBS 032-200L	10.0	26.0		45	GCR 1-10	0.75	GUD-A-12	GEU10
16		50	GBS 032-200L	15.0	26.0		50	GCR1-11	0.75	GUD-A-12	GEU15
17		55	GBS 032-200L	15.0	26.0		55	GCR1-12	1.0	GUD-A-12	GEU15
18		60	GBS 50-200	20.0	26.0		60	GCR1-13	1.0	GUD-A-12	GEU20
19		65	GBS 40-250	20.0	26.0		65	GCR1-15	1.0	GUD-A-12	GEU20
20		70	GBS 40-250	20.0	26.0		70	GCR1-17	1.5	GUD-B-12	GEU20
21		75	GBS 40-250	25.0	26.0		75	GCR1-17	1.5	GUD-B-12	GEU25
22		80	GBS 40-250	30.0	37.0		80	GCR1-19	1.5	GUD-B-12	GEU30
23		85	GBS 40-250	30.0	37.0		85	GCR1-19	1.5	GUD-B-12	GEU30
24		90	GBS 040-250L	30.0	37.0		90	GCR1-21	1.5	GUD-B-12	GEU30
25		95	GBS 040-250L	30.0	37.0		95	GCR1-21	1.5	GUD-B-12	GEU30
26		100	GBS 050-250	30.0	37.0		100	GCR1-23	1.5	GUD-B-12	GEU30



No Señor	Fluir	Cabeza en mtr	Motor eléctrico Y Motor diesel bomba accionada Electric motor & Diesel Engine driven pump	Fuerza de motor calificación (HP) 2900 RPM Motor Power rating (HP) 2900 RPM	Motor Poder clasificación (HP) Engine Power rating (HP)	Flow para jockey bomba (m³/hr) @ 5% de flujo de Bombas principales Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Cabeza metro	Bomba jockey Jockey Pump	Bomba jockey calificación en (HP) Jockey pump rating in (HP)	Diesel + jockey Panel Diesel + jockey Panel	Eléctrico Panel Electrical Panel
Sr No	Flow	Head in mtr					Head m				
27	48 m³/hr	40	GBS 50-200	15.0	26.0	2.4	40	GCR 2-06	1.0	GUD-A-12	GEU15
28		45	GBS 50-200	15.0	26.0		45	GCR 2-07	1.0	GUD-A-12	GEU15
29		50	GBS 50-200	15.0	26.0		50	GCR 2-09	1.5	GUD-B-12	GEU15
30		55	GBS 50-200	20.0	26.0		55	GCR 2-09	1.5	GUD-B-12	GEU20
31		60	GBS 40-250L	25.0	26.0		60	GCR3-11	1.5	GUD-B-12	GEU25
32		65	GBS 40-250L	30.0	37.0		65	GCR3-12	1.5	GUD-B-12	GEU30
33		70	GBS 40-250L	30.0	37.0		70	GCR3-13	1.5	GUD-B-12	GEU30
34		75	GBS 40-250L	40.0	44.0		75	GCR3-15	1.5	GUD-B-12	GEU40
35		80	GBS 40-250L	40.0	44.0		80	GCR3-15	1.5	GUD-B-12	GEU40
36		85	GBS 40-250L	40.0	44.0		85	GCR3-17	2.0	GUD-C-12	GEU40
37		90	GBS 40-250L	40.0	44.0		90	GCR3-17	2.0	GUD-C-12	GEU40
38		95	GBS 040-250L	40.0	44.0		95	GCR3-19	2.0	GUD-C-12	GEU40
39		100	GBS 050-250	50.0	56.0		100	GCR3-19	2.0	GUD-C-12	GEU50
40	60 m³/hr	40	GBS 80-200	20.0	26.0	3.0	40	GCR 3-09	1.0	GUD-A-12	GEU20
41		45	GBS 065-200	20.0	26.0		45	GCR 3-10	1.0	GUD-A-12	GEU20
42		50	GBS 065-200	20.0	26.0		50	GCR3-11	1.5	GUD-B-12	GEU20
43		55	GBS 065-200	20.0	26.0		55	GCR3-12	1.5	GUD-B-12	GEU20
44		60	GBS 065-200	25.0	26.0		60	GCR3-13	1.5	GUD-B-12	GEU25
45		65	GBS 065-250	30.0	37.0		65	GCR3-15	1.5	GUD-B-12	GEU30
46		70	GBS 065-250	30.0	37.0		70	GCR3-15	1.5	GUD-B-12	GEU30
47		75	GBS 065-250	40.0	37.0		75	GCR3-17	2.0	GUD-C-12	GEU40
48		80	GBS 065-250	40.0	37.0		80	GCR3-17	2.0	GUD-C-12	GEU40
49		85	GBS 065-250	40.0	37.0		85	GCR3-19	2.0	GUD-C-12	GEU40
50		90	GBS 065-250	40.0	44.0		90	GCR3-19	2.0	GUD-C-12	GEU40
51		95	GBS 065-250	40.0	44.0		95	GCR3-21	3.0	GUD-D-12	GEU40
52		100	GBS 065-315	50.0	56.0		100	GCR3-21	3.0	GUD-D-12	GEU50

No Señor	Fluir	Cabeza en mtr	Motor eléctrico & Motor diesel bomba accionada Electric motor & Diesel Engine driven pump	Fuerza de motor calificación (HP) 2900 RPM Motor Power rating (HP) 2900 RPM	Motor Poder clasificación (HP) Engine Power rating (HP)	Flow para jockey bomba (m³/hr) @ 5% de flujo de Bombas principales Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Cabeza metro	Bomba jockey	Bomba jockey calificación en (HP) Jockey pump rating in (HP)	Diesel + jockey Panel	Eléctrico Panel		
Sr No	Flow	Head in mtr					Head m	Jockey Pump		Diesel + jockey Panel	Electrical Panel		
53	72 m³/hr	40	GBS 80-200	25.0	26.0	3.6	40	GCR4-05	1.5	GUD-B-12	GEU25		
54		45	GBS 065-200	20.0	26.0		45	GCR4-06	1.5	GUD-B-12	GEU20		
55		50	GBS 065-200	25.0	26.0		50	GCR4-07	2.0	GUD-C-12	GEU25		
56		55	GBS 065-200	25.0	26.0		55	GCR4-07	2.0	GUD-C-12	GEU25		
57		60	GBS 065-200	30.0	37.0		60	GCR4-08	2.0	GUD-C-12	GEU30		
58		65	GBS 065-250L	40.0	37.0		65	GCR4-08	2.0	GUD-C-12	GEU40		
59		70	GBS 065-250L	40.0	37.0		70	GCR4-10	3.0	GUD-D-12	GEU40		
60		75	GBS 065-250L	40.0	44.0		75	GCR4-10	3.0	GUD-D-12	GEU40		
61		80	GBS 065-250L	50.0	44.0		80	GCR4-10	3.0	GUD-D-12	GEU50		
62		85	GBS 065-250L	50.0	56.0		85	GCR4-10	3.0	GUD-D-12	GEU50		
63		90	GBS 065-250L	50.0	56.0		90	GCR4-12	3.0	GUD-D-12	GEU50		
64		95	GBS 065-250L	60.0	56.0		95	GCR4-12	3.0	GUD-D-12	GEU60		
65		100	GBS 065-315	60.0	56.0		100	GCR4-14	4.0	GUD-E-12	GEU60		
66		84 m³/hr	40	GBS 80-200	25.0		26.0	4.2	40	GCR4-05	1.5	GUD-B-12	GEU25
67			45	GBS 065-200	25.0		26.0		45	GCR4-06	1.5	GUD-B-12	GEU25
68	50		GBS 065-200	25.0	26.0	50	GCR4-07		2.0	GUD-C-12	GEU25		
69	55		GBS 065-200	30.0	37.0	55	GCR4-07		2.0	GUD-C-12	GEU30		
70	60		GBS 065-200	30.0	37.0	60	GCR4-08		2.0	GUD-C-12	GEU30		
71	65		GBS 065-250L	40.0	44.0	65	GCR4-10		3.0	GUD-D-12	GEU40		
72	70		GBS 065-250L	40.0	44.0	70	GCR4-10		3.0	GUD-D-12	GEU40		
73	75		GBS 065-250L	50.0	44.0	75	GCR4-10		3.0	GUD-D-12	GEU50		
74	80		GBS 065-250L	50.0	56.0	80	GCR4-10		3.0	GUD-D-12	GEU50		
75	85		GBS 065-250L	60.0	56.0	85	GCR4-12		3.0	GUD-D-12	GEU60		
76	90		GBS 065-250L	60.0	56.0	90	GCR4-12		3.0	GUD-D-12	GEU60		
77	95		GBS 065-315	60.0	73.0	95	GCR4-14		4.0	GUD-E-12	GEU60		
78	100		GBS 065-315	75.0	73.0	100	GCR4-14		4.0	GUD-E-12	GEU75		
79	100 m³/hr	40	GBS 080-200	25.0	26.0	5.0	40	GCR 4-07	2.0	GUD-C-12	GEU25		
80		45	GBS 080-200	30.0	37.0		45	GCR 4-07	2.0	GUD-C-12	GEU30		
81		50	GBS 080-200	40.0	37.0		50	GCR 4-07	2.0	GUD-C-12	GEU40		
82		55	GBS 080-200	40.0	37.0		55	GCR 4-08	2.0	GUD-C-12	GEU40		
83		60	GBS 065-200	40.0	37.0		60	GCR 4-10	3.0	GUD-D-12	GEU40		
84		65	GBS 065-250L	50.0	44.0		65	GCR 4-10	3.0	GUD-D-12	GEU50		
85		70	GBS 065-250L	50.0	44.0		70	GCR 4-10	3.0	GUD-D-12	GEU50		
86		75	GBS 065-250L	50.0	56.0		75	GCR 4-12	3.0	GUD-D-12	GEU50		
87		80	GBS 065-250L	50.0	56.0		80	GCR 4-12	3.0	GUD-D-12	GEU50		
88		85	GBS 065-250L	60.0	56.0		85	GCR 4-12	3.0	GUD-D-12	GEU60		
89		90	GBS 065-250L	60.0	73.0		90	GCR 4-14	4.0	GUD-E-12	GEU60		
90		95	GBS 065-315	75.0	73.0		95	GCR 4-14	4.0	GUD-E-12	GEU75		
91	100	GBS 065-315	75.0	73.0	100	GCR 4-14	4.0	GUD-E-12	GEU75				





No Señor	Fluir	Cabeza en mtr	Motor eléctrico Y Motor diesel bomba accionada	Fuerza de motor calificación (HP) 2900 RPM	Motor Poder clasificación (HP)	Flow para jockey bomba (m³/hr) @ 5% de flujo de Bombas principales	Cabeza metro	Bomba jockey	Bomba jockey calificación en (HP)	Diesel + jockey Panel	Eléctrico Panel
Sr No	Flow	Head in mtr	Electric motor & Diesel Engine driven pump	Motor Power rating (HP) 2900 RPM	Engine Power rating (HP)	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Diesel + jockey Panel	Electrical Panel
92	120 m³/hr	40	GBS 080-200	30.0	37.0	6	40	GCR 5-08	1.5	GUD-B-12	GEU30
93		45	GBS 080-200	30.0	37.0		45	GCR 5-09	2.0	GUD-C-12	GEU30
94		50	GBS 080-200	40.0	37.0		50	GCR 5-10	2.0	GUD-C-12	GEU40
95		55	GBS 065-250L	40.0	44.0		55	GCR 5-11	3.0	GUD-D-12	GEU40
96		60	GBS 065-250L	50.0	44.0		60	GCR 5-12	3.0	GUD-D-12	GEU50
97		65	GBS 065-250L	50.0	56.0		65	GCR 5-13	3.0	GUD-D-12	GEU50
98		70	GBS 065-250L	50.0	56.0		70	GCR 5-14	3.0	GUD-D-12	GEU50
99		75	GBS 065-250L	60.0	56.0		75	GCR 5-15	3.0	GUD-D-12	GEU60
100		80	GBS 065-250L	60.0	73.0		80	GCR 5-16	3.0	GUD-D-12	GEU60
101		85	GBS 065-250L	75.0	73.0		85	GCR 5-18	4.0	GUD-E-12	GEU75
102		90	GBS 065-250L	75.0	73.0		90	GCR 5-18	4.0	GUD-E-12	GEU75
103		95	GBS 065-315	75.0	73.0		95	GCR 5-20	4.0	GUD-E-12	GEU75
104		100	GBS 065-315	100.0	82.0		100	GCR 5-20	4.0	GUD-E-24	GEU100
105		150 m³/hr	40	GBS 080-200	40.0		37.0	7.5	40	GCR 10-05	3.0
106	45		GBS 080-200	40.0	37.0	45	GCR 10-05		3.0	GUD-D-12	GEU40
107	50		GBS 080-200	40.0	44.0	50	GCR 10-06		3.0	GUD-D-12	GEU40
108	55		GBS 080-200	50.0	56.0	55	GCR 10-06		3.0	GUD-D-12	GEU50
109	60		GBS 080-200	50.0	56.0	60	GCR 10-07		4.0	GUD-E-12	GEU50
110	65		GBS 080-250	60.0	56.0	65	GCR 10-07		4.0	GUD-E-12	GEU60
111	70		GBS 080-250	60.0	73.0	70	GCR 10-08		4.0	GUD-E-12	GEU60
112	75		GBS 080-250	75.0	73.0	75	GCR 10-08		4.0	GUD-E-12	GEU75
113	80		GBS 080-250	75.0	73.0	80	GCR 10-09		4.0	GUD-E-12	GEU75
114	85		GBS 080-250	75.0	73.0	85	GCR 10-09		4.0	GUD-E-12	GEU75
115	90		GBS 080-250	100.0	82.0	90	GCR 10-10		5.5	GUD-F-24	GEU100
116	95		GBS 100-315	100.0	90.0	95	GCR 10-10		5.5	GUD-F-24	GEU100
117	100		GBS 100-315	100.0	100.0	100	GCR 10-12		5.5	GUD-F-24	GEU100

No Señor	Fluir	Cabeza en mtr	Motor eléctrico Y Motor diesel bomba accionada Electric motor & Diesel Engine driven pump	Fuerza de motor calificación (HP) 2900 RPM Motor Power rating (HP) 2900 RPM	Motor Poder clasificación (HP) Engine Power rating (HP)	Flow para jockey bomba (m³/hr) @ 5% de flujo de Bombas principales Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Cabeza metro	Bomba jockey	Bomba jockey calificación en (HP) Jockey pump rating in (HP)	Diesel + jockey Panel	Eléctrico Panel
Sr No	Flow	Head in mtr					Head m	Jockey Pump		Diesel + jockey Panel	Electrical Panel
118	175 m³/hr	40	GBS 100-200	40.0	37.0	8.75	40	GCR 10-05	3.0	GUD-D-12	GEU40
119		45	GBS 100-200	50.0	44.0		45	GCR 10-06	3.0	GUD-D-12	GEU50
120		50	GBS 100-200	50.0	56.0		50	GCR 10-06	3.0	GUD-D-12	GEU50
121		55	GBS 100-200	60.0	56.0		55	GCR 10-07	4.0	GUD-E-12	GEU60
122		60	GBS 100-250	60.0	56.0		60	GCR 10-07	4.0	GUD-E-12	GEU60
123		65	GBS 100-250	60.0	73.0		65	GCR 10-08	4.0	GUD-E-12	GEU60
124		70	GBS 100-250	75.0	73.0		70	GCR 10-08	4.0	GUD-E-12	GEU75
125		75	GBS 100-250	75.0	73.0		75	GCR 10-09	4.0	GUD-E-12	GEU75
126		80	GBS 100-250	100.0	82.0		80	GCR 10-09	4.0	GUD-E-24	GEU100
127		85	GBS 100-250	100.0	90.0		85	GCR 10-10	5.5	GUD-F-24	GEU100
128		90	GBS 100-250	100.0	90.0		90	GCR 10-10	5.5	GUD-F-24	GEU100
129		95	GBS 100-315	100.0	100.0		95	GCR 10-12	5.5	GUD-F-24	GEU100
130		100	GBS 100-315	120.0	115.0		100	GCR 10-12	5.5	GUD-F-24	GEU120
131		200 m³/hr	40	GBS 100-200	40.0		44.0	10	40	GCR 10-05	3.0
132	45		GBS 100-200	50.0	56.0	45	GCR 10-06		3.0	GUD-D-12	GEU50
133	50		GBS 100-200	60.0	56.0	50	GCR 10-07		4.0	GUD-E-12	GEU60
134	55		GBS 100-250	60.0	56.0	55	GCR 10-07		4.0	GUD-E-12	GEU60
135	60		GBS 100-250	60.0	73.0	60	GCR 10-08		4.0	GUD-E-12	GEU60
136	65		GBS 100-250	75.0	73.0	65	GCR 10-08		4.0	GUD-E-12	GEU75
137	70		GBS 100-250	75.0	73.0	70	GCR 10-09		4.0	GUD-E-12	GEU75
138	75		GBS 100-250	100.0	82.0	75	GCR 10-10		5.5	GUD-F-24	GEU100
139	80		GBS 100-250	100.0	90.0	80	GCR 10-10		5.5	GUD-F-24	GEU100
140	85		GBS 100-250	100.0	100.0	85	GCR 10-12		5.5	GUD-F-24	GEU100
141	90		GBS 100-250	100.0	100.0	90	GCR 10-12		5.5	GUD-F-24	GEU100
142	95		GBS 100-315	120.0	115.0	95	GCR 10-12		5.5	GUD-F-24	GEU120
143	100		GBS 100-315	120.0	115.0	100	GCR 10-14		7.5	GUD-G24	GEU120





No Señor	Fluir	Cabeza en mtr	Motor eléctrico Y Motor diesel bomba accionada	Fuerza de motor calificación (HP) 2900 RPM	Motor Poder clasificación (HP)	Flow para jockey bomba (m³/hr) @ 5% de flujo de Bombas principales	Cabeza metro	Bomba jockey	Bomba jockey calificación en (HP)	Diesel + jockey Panel	Eléctrico Panel
Sr No	Flow	Head in mtr	Electric motor & Diesel Engine driven pump	Motor Power rating (HP) 2900 RPM	Engine Power rating (HP)	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Diesel + jockey Panel	Electrical Panel
144	225 m³/hr	45	GBS 100-200	50.0	56.0	11.25	45	GCR 10-07	4.0	GUD-E-12	GEU50
145		50	GBS 100-200	60.0	73.0		50	GCR 10-07	4.0	GUD-E-12	GEU60
146		60	GBS 125-250	100.0	82.0		60	GCR 10-09	4.0	GUD-E-24	GEU100
147		65	GBS 125-250	100.0	90.0		65	GCR 10-10	5.5	GUD-F-24	GEU100
148		70	GBS 125-250	100.0	100.0		70	GCR 10-10	5.5	GUD-F-24	GEU100
149		75	GBS 125-250	100.0	100.0		75	GCR 10-12	5.5	GUD-F-24	GEU100
150		80	GBS 125-250	120.0	115.0		80	GCR 10-12	5.5	GUD-F-24	GEU120
151		85	GBS 100-250	100.0	115.0		85	GCR 10-12	5.5	GUD-F-24	GEU100
152		90	GBS 125-250	125.0	125.0		90	GCR 10-14	7.5	GUD-G-24	GEU125
153		95	GBS 100-315	120.0	115.0		95	GCR 10-14	7.5	GUD-G-24	GEU120
154		100	GBS 100-315	120.0	125.0		100	GCR 10-14	7.5	GUD-G-24	GEU120



E + E + J 2 x GBS + Jockey

Unidad de extinción de incendios según UNE 23500 con dos bombas eléctricas principales (GBS) y una bomba jockey (GCR)

Fire Fighting unit as per UNE 23500 with two main electrical pump (GBS) and one jockey pump (GCR)

Nº Sr.	Caudal	Altura en m	2 x eléctrico conducido por motor bomba	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	E + J Panel	Eléctrico Panel
Sr No.	Flow	Head in mtr	2 x Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	E + J Panel	Electrical Panel
1	24 m³/hr	60	GBS 40-250	15.0	1.2	60	GCR1-11	0.75	GUEJ15-A	GEU15
2		65	GBS 40-250	20.0		65	GCR1-12	1.0	GUEJ20-A	GEU20
3		70	GBS 40-250	20.0		70	GCR1-13	1.0	GUEJ20-A	GEU20
4		75	GBS 40-250	20.0		75	GCR1-15	1.0	GUEJ20-A	GEU20
5		80	GBS 40-250	25.0		80	GCR1-15	1.0	GUEJ25-A	GEU25
6		85	GBS 40-250	25.0		85	GCR1-17	1.5	GUEJ25-B	GEU25
7	30 m³/hr	45	GBS 40-225	15.0	1.5	45	GCR1-09	0.75	GUEJ15-A	GEU15
8		50	GBS 40-225	15.0		50	GCR1-10	0.75	GUEJ15-A	GEU15
9		55	GBS 40-250	15.0		55	GCR1-11	0.75	GUEJ15-A	GEU15
10		60	GBS 40-250	20.0		60	GCR1-12	1.0	GUEJ20-A	GEU20
11		65	GBS 40-250	20.0		65	GCR1-13	1.0	GUEJ20-A	GEU20
12		70	GBS 40-250	20.0		70	GCR1-15	1.0	GUEJ20-A	GEU20
13		75	GBS 40-250	25.0		75	GCR1-15	1.0	GUEJ25-A	GEU25
14		80	GBS 40-250	25.0		80	GCR1-17	1.5	GUEJ25-B	GEU25
15	85	GBS 40-250	30.0	85	GCR1-17	1.5	GUEJ30-B	GEU30		
16	36 m³/hr	45	GBS 50-200	15.0	1.8	45	GCR1-10	0.75	GUEJ15-A	GEU15
17		50	GBS 50-200	15.0		50	GCR1-11	0.75	GUEJ15-A	GEU15
18		55	GBS 50-200	20.0		55	GCR1-12	1.0	GUEJ20-A	GEU20
19		60	GBS 50-200	20.0		60	GCR1-13	1.0	GUEJ20-A	GEU20
20		65	GBS 40-250	20.0		65	GCR1-15	1.0	GUEJ20-A	GEU20
21		70	GBS 40-250	20.0		70	GCR1-17	1.5	GUEJ20-B	GEU20
22		75	GBS 40-250	25.0		75	GCR1-17	1.5	GUEJ25-B	GEU25
23		80	GBS 40-250	30.0		80	GCR1-19	1.5	GUEJ30-B	GEU30
24		85	GBS 40-250	30.0		85	GCR1-19	1.5	GUEJ30-B	GEU30

Nº Sr.	Caudal	Altura en m	2 x eléctrico conducido por motor bomba	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	E + J Panel	Eléctrico Panel
Sr No.	Flow	Head in mtr	2 x Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	E + J Panel	Electrical Panel
25	42 m³/hr	45	GBS 50-200	15.0	2.1	45	GCR3-08	1.0	GUEJ15-A	GEU15
26		50	GBS 50-200	15.0		50	GCR3-09	1.0	GUEJ15-A	GEU15
27		55	GBS 50-200	20.0		55	GCR3-10	1.0	GUEJ20-A	GEU20
28		60	GBS 50-200	20.0		60	GCR3-11	1.5	GUEJ20-B	GEU20
29		65	GBS 40-250L	30.0		65	GCR3-12	1.5	GUEJ30-B	GEU30
30		70	GBS 40-250L	30.0		70	GCR3-13	1.5	GUEJ30-B	GEU30
31		75	GBS 40-250L	30.0		75	GCR3-15	1.5	GUEJ30-B	GEU30
32		80	GBS 40-250L	40.0		80	GCR3-15	1.5	GUEJ40-B	GEU40
33		85	GBS 40-250L	40.0		85	GCR3-17	2.0	GUEJ40-C	GEU40
34		48 m³/hr	45	GBS 50-200		15.0	2.4	45	GCR3-09	1.0
35	50		GBS 50-200	20.0	50	GCR3-10		1.0	GUEJ20-A	GEU20
36	55		GBS 50-200	20.0	55	GCR3-11		1.5	GUEJ20-B	GEU20
37	60		GBS 40-250L	25.0	60	GCR3-11		1.5	GUEJ25-B	GEU25
38	65		GBS 40-250L	30.0	65	GCR3-12		1.5	GUEJ30-B	GEU30
39	70		GBS 40-250L	30.0	70	GCR3-13		1.5	GUEJ30-B	GEU30
40	75		GBS 40-250L	40.0	75	GCR3-15		1.5	GUEJ40-B	GEU40
41	80		GBS 40-250L	40.0	80	GCR3-15		1.5	GUEJ40-B	GEU40
42	54 m³/hr	45	GBS 50-200	15.0	2.7	45	GCR3-09	1.0	GUEJ15-A	GEU15
43		50	GBS 50-200	20.0		50	GCR3-10	1.0	GUEJ20-A	GEU20
44		55	GBS 50-200	20.0		55	GCR3-11	1.5	GUEJ20-B	GEU25
45		60	GBS 40-250L	25.0		60	GCR3-12	1.5	GUEJ25-B	GEU25
46		65	GBS 40-250L	30.0		65	GCR3-13	1.5	GUEJ30-B	GEU30
47		70	GBS 40-250L	30.0		70	GCR3-15	1.5	GUEJ30-B	GEU30
48		75	GBS 40-250L	40.0		75	GCR3-15	1.5	GUEJ40-B	GEU40
49		80	GBS 40-250L	40.0		80	GCR3-17	2.0	GUEJ40-C	GEU40



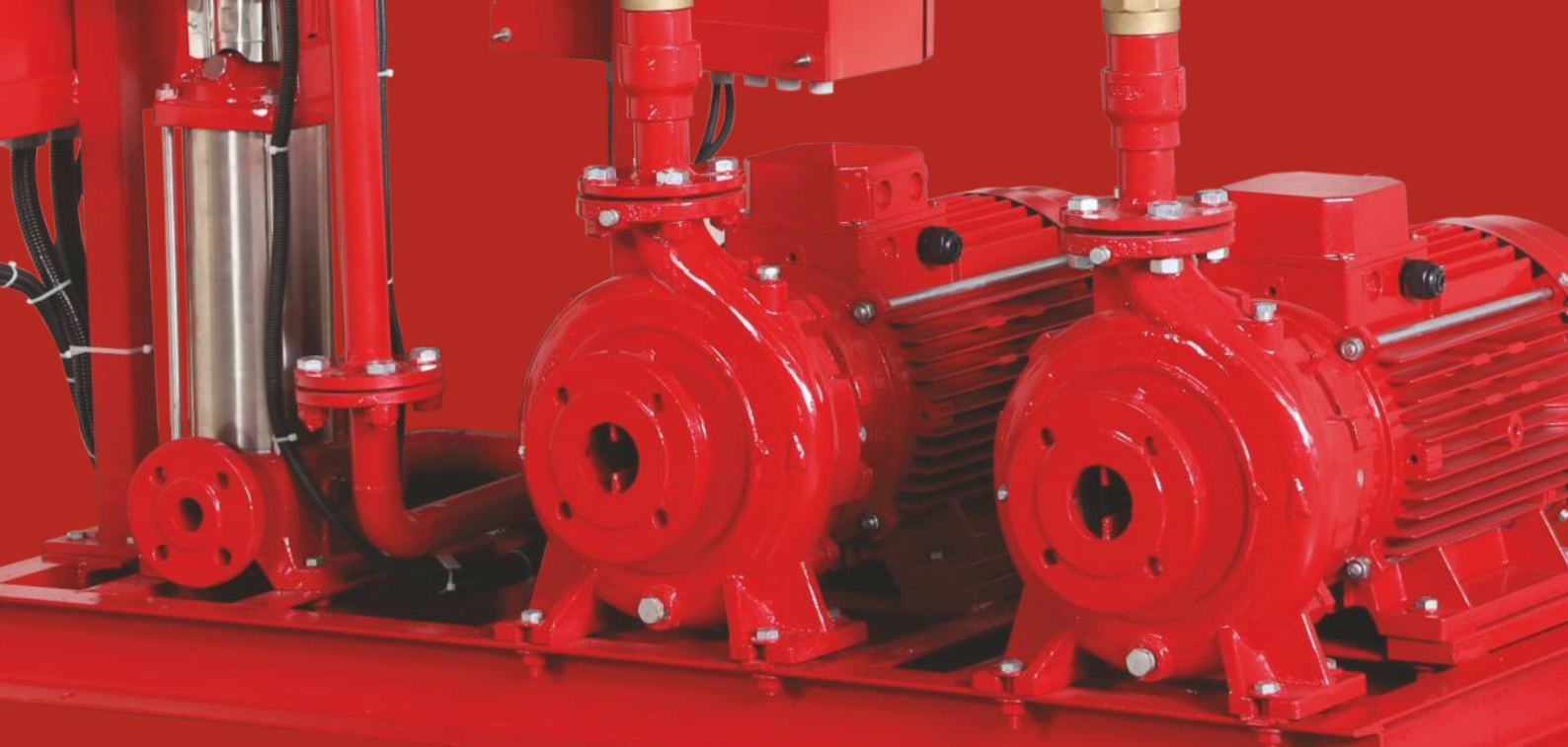


E + E + J 2 x GCC + Jockey

Unidad de extinción de incendios según UNE 23500 con dos bombas eléctricas principales (GCC) y una bomba jockey (GCR)

Fire Fighting unit as per UNE 23500 with two main electrical pump (GCC) and one jockey pump (GCR)

Nº Sr.	Caudal	Altura en m	2 x eléctrico conducido por motor bomba	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	E + J Panel	Eléctrico Panel
Sr No.	Flow	Head in mtr	2 x Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	E + J Panel	Electrical Panel
1	24 m³/hr	60	GCC 40-250	15.0	1.2	60	GCR1-11	0.75	GUEJ15-A	GEU15
2		65	GCC 40-250	20.0		65	GCR1-12	1.0	GUEJ20-A	GEU20
3		70	GCC 40-250	20.0		70	GCR1-13	1.0	GUEJ20-A	GEU20
4		75	GCC 40-250	20.0		75	GCR1-15	1.0	GUEJ20-A	GEU20
5		80	GCC 40-250	25.0		80	GCR1-15	1.0	GUEJ25-A	GEU25
6		85	GCC 40-250	25.0		85	GCR1-17	1.5	GUEJ25-B	GEU25
7	30 m³/hr	45	GCC 40-225	15.0	1.5	45	GCR1-09	0.75	GUEJ15-A	GEU15
8		50	GCC 40-225	15.0		50	GCR1-10	0.75	GUEJ15-A	GEU15
9		55	GCC 40-250	15.0		55	GCR1-11	0.75	GUEJ15-A	GEU15
10		60	GCC 40-250	20.0		60	GCR1-12	1.0	GUEJ20-A	GEU20
11		65	GCC 40-250	20.0		65	GCR1-13	1.0	GUEJ20-A	GEU20
12		70	GCC 40-250	20.0		70	GCR1-15	1.0	GUEJ20-A	GEU20
13		75	GCC 40-250	25.0		75	GCR1-15	1.0	GUEJ25-A	GEU25
14		80	GCC 40-250	25.0		80	GCR1-17	1.5	GUEJ25-B	GEU25
15	85	GCC 40-250	30.0	85	GCR1-17	1.5	GUEJ30-B	GEU30		
16	36 m³/hr	45	GCC 50-200	15.0	1.8	45	GCR1-10	0.75	GUEJ15-A	GEU15
17		50	GCC 50-200	15.0		50	GCR1-11	0.75	GUEJ15-A	GEU15
18		55	GCC 50-200	20.0		55	GCR1-12	1.0	GUEJ20-A	GEU20
19		60	GCC 50-200	20.0		60	GCR1-13	1.0	GUEJ20-A	GEU20
20		65	GCC 40-250	20.0		65	GCR1-15	1.0	GUEJ20-A	GEU20
21		70	GCC 40-250	20.0		70	GCR1-17	1.5	GUEJ20-B	GEU20
22		75	GCC 40-250	25.0		75	GCR1-17	1.5	GUEJ25-B	GEU25
23		80	GCC 40-250	30.0		80	GCR1-19	1.5	GUEJ30-B	GEU30
24		85	GCC 40-250	30.0		85	GCR1-19	1.5	GUEJ30-B	GEU30



Nº Sr.	Caudal	Altura en m	2 x eléctrico conducido por motor bomba	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	E + J Panel	Eléctrico Panel
Sr No.	Flow	Head in mtr	2 x Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	E + J Panel	Electrical Panel
25	42 m³/hr	45	GCC 50-200	15.0	2.1	45	GCR3-08	1.0	GUEJ15-A	GEU15
26		50	GCC 50-200	15.0		50	GCR3-09	1.0	GUEJ15-A	GEU15
27		55	GCC 50-200	20.0		55	GCR3-10	1.0	GUEJ20-A	GEU20
28		60	GCC 50-200	20.0		60	GCR3-11	1.5	GUEJ20-B	GEU20
29		65	GCC 40-250L	30.0		65	GCR3-12	1.5	GUEJ30-B	GEU30
30		70	GCC 40-250L	30.0		70	GCR3-13	1.5	GUEJ30-B	GEU30
31		75	GCC 40-250L	30.0		75	GCR3-15	1.5	GUEJ30-B	GEU30
32		80	GCC 40-250L	40.0		80	GCR3-15	1.5	GUEJ40-B	GEU40
33		85	GCC 40-250L	40.0		85	GCR3-17	2.0	GUEJ40-C	GEU40
34		48 m³/hr	45	GCC 50-200		15.0	2.4	45	GCR3-09	1.0
35	50		GCC 50-200	20.0	50	GCR3-10		1.0	GUEJ20-A	GEU20
36	55		GCC 50-200	20.0	55	GCR3-11		1.5	GUEJ20-B	GEU20
37	60		GCC 40-250L	25.0	60	GCR3-11		1.5	GUEJ25-B	GEU25
38	65		GCC 40-250L	30.0	65	GCR3-12		1.5	GUEJ30-B	GEU30
39	70		GCC 40-250L	30.0	70	GCR3-13		1.5	GUEJ30-B	GEU30
40	75		GCC 40-250L	40.0	75	GCR3-15		1.5	GUEJ40-B	GEU40
41	80		GCC 40-250L	40.0	80	GCR3-15		1.5	GUEJ40-B	GEU40
42	54 m³/hr	45	GCC 50-200	15.0	2.7	45	GCR3-09	1.0	GUEJ15-A	GEU15
43		50	GCC 50-200	20.0		50	GCR3-10	1.0	GUEJ20-A	GEU20
44		55	GCC 50-200	20.0		55	GCR3-11	1.5	GUEJ20-B	GEU25
45		60	GCC 40-250L	25.0		60	GCR3-12	1.5	GUEJ25-B	GEU25
46		65	GCC 40-250L	30.0		65	GCR3-13	1.5	GUEJ30-B	GEU30
47		70	GCC 40-250L	30.0		70	GCR3-15	1.5	GUEJ30-B	GEU30
48		75	GCC 40-250L	40.0		75	GCR3-15	1.5	GUEJ40-B	GEU40
49		80	GCC 40-250L	40.0		80	GCR3-17	2.0	GUEJ40-C	GEU40

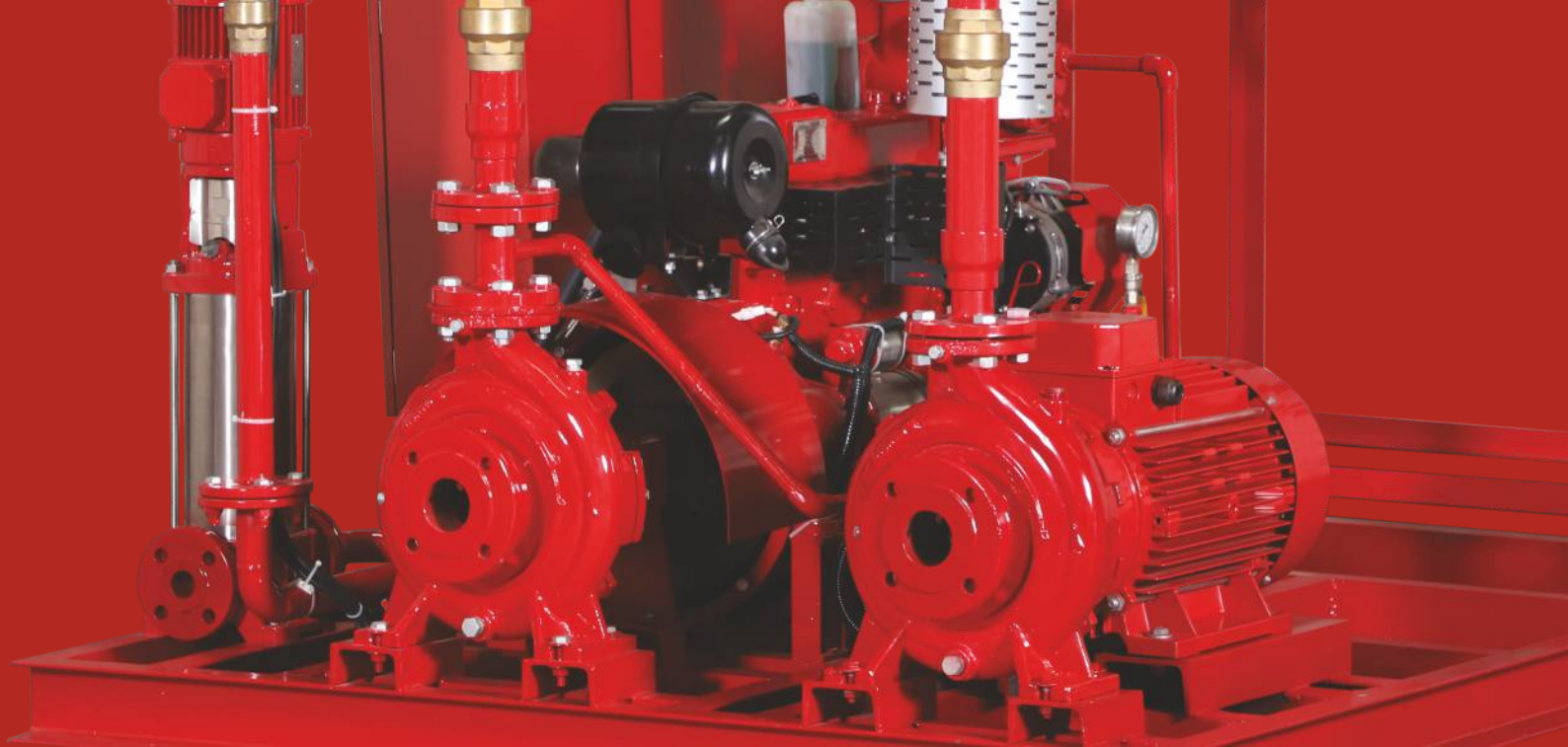


E + D + J GCC + GBS + Jockey

Unidad de extinción de incendios según UNE 23500 con una bomba eléctrica principal (GCC), otra bomba diesel principal (GCC) y una bomba jockey (GCR)

Fire Fighting unit as per UNE 23500 with one main electrical pump (GCC), other main diesel pump (GCC) and one jockey pump (GCR)

Nº Sr.	Caudal	Altura en m	Eléctrico motor impulsado bomba	Diesel Motor impulsado bomba	Potencia del motor (CV) 2900 RPM	Motor Poder clasificación (CV)	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Diesel + jockey Panel	Eléctrico Panel
Sr No.	Flow	Head in mtr	Electric motor driven pump	Diesel Engine driven pump	Motor Power rating (HP) 2900 RPM	Engine Power rating (HP)	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Diesel + jockey Panel	Electrical Panel
1	24 m³/hr	60	GCC 40-250	GBS 40-250	15.0	26.0	1.2	60	GCR1-11	0.75	GUD-A-12	GEU15
2		65	GCC 40-250	GBS 40-250	20.0	26.0		65	GCR1-12	1.0	GUD-A-12	GEU20
3		70	GCC 40-250	GBS 40-250	20.0	26.0		70	GCR1-13	1.0	GUD-A-12	GEU20
4		75	GCC 40-250	GBS 40-250	20.0	26.0		75	GCR1-15	1.0	GUD-A-12	GEU20
5		80	GCC 40-250	GBS 40-250	25.0	26.0		80	GCR1-15	1.0	GUD-A-12	GEU25
6		85	GCC 40-250	GBS 40-250	25.0	26.0		85	GCR1-17	1.5	GUD-B-12	GEU25
7	30 m³/hr	45	GCC 40-225	GBS 40-225	15.0	26.0	1.5	45	GCR1-09	0.75	GUD-A-12	GEU15
8		50	GCC 40-225	GBS 40-225	15.0	26.0		50	GCR1-10	0.75	GUD-A-12	GEU15
9		55	GCC 40-250	GBS 40-250	15.0	26.0		55	GCR1-11	0.75	GUD-A-12	GEU15
10		60	GCC 40-250	GBS 40-250	20.0	26.0		60	GCR1-12	1.0	GUD-A-12	GEU20
11		65	GCC 40-250	GBS 40-250	20.0	26.0		65	GCR1-13	1.0	GUD-A-12	GEU20
12		70	GCC 40-250	GBS 40-250	20.0	26.0		70	GCR1-15	1.0	GUD-A-12	GEU20
13		75	GCC 40-250	GBS 40-250	25.0	26.0		75	GCR1-15	1.0	GUD-A-12	GEU25
14		80	GCC 40-250	GBS 40-250	25.0	26.0		80	GCR1-17	1.5	GUD-B-12	GEU25
15	85	GCC 40-250	GBS 40-250	30.0	37.0	85	GCR1-17	1.5	GUD-B-12	GEU30		
16	36 m³/hr	45	GCC 50-200	GBS 50-200	15.0	26.0	1.8	45	GCR1-10	0.75	GUD-A-12	GEU15
17		50	GCC 50-200	GBS 50-200	15.0	26.0		50	GCR1-11	0.75	GUD-A-12	GEU15
18		55	GCC 50-200	GBS 50-200	20.0	26.0		55	GCR1-12	1.0	GUD-A-12	GEU20
19		60	GCC 50-200	GBS 50-200	20.0	26.0		60	GCR1-13	1.0	GUD-A-12	GEU20
20		65	GCC 40-250	GBS 40-250	20.0	26.0		65	GCR1-15	1.0	GUD-A-12	GEU20
21		70	GCC 40-250	GBS 40-250	20.0	26.0		70	GCR1-17	1.5	GUD-B-12	GEU20
22		75	GCC 40-250	GBS 40-250	25.0	26.0		75	GCR1-17	1.5	GUD-B-12	GEU25
23		80	GCC 40-250	GBS 40-250	30.0	37.0		80	GCR1-19	1.5	GUD-B-12	GEU30
24		85	GCC 40-250	GBS 40-250	30.0	37.0		85	GCR1-19	1.5	GUD-B-12	GEU30



Nº Sr.	Caudal	Altura en m	Eléctrico motor impulsado bomba	Diesel Motor impulsado bomba	Potencia del motor (CV) 2900 RPM	Motor Poder clasificación (CV)	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Diesel + jockey Panel	Eléctrico Panel
Sr No.	Flow	Head in mtr	Electric motor driven pump	Diesel Engine driven pump	Motor Power rating (HP) 2900 RPM	Engine Power rating (HP)	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Diesel + jockey Panel	Electrical Panel
25	42 m³/hr	45	GCC 50-200	GBS 50-200	15.0	26.0	2.1	45	GCR3-08	1.0	GUD-A-12	GEU15
26		50	GCC 50-200	GBS 50-200	15.0	26.0		50	GCR3-09	1.0	GUD-A-12	GEU15
27		55	GCC 50-200	GBS 50-200	20.0	26.0		55	GCR3-10	1.0	GUD-A-12	GEU20
28		60	GCC 50-200	GBS 50-200	20.0	26.0		60	GCR3-11	1.5	GUD-B-12	GEU20
29		65	GCC 40-250L	GBS 40-250L	30.0	37.0		65	GCR3-12	1.5	GUD-B-12	GEU30
30		70	GCC 40-250L	GBS 40-250L	30.0	37.0		70	GCR3-13	1.5	GUD-B-12	GEU30
31		75	GCC 40-250L	GBS 40-250L	30.0	37.0		75	GCR3-15	1.5	GUD-B-12	GEU30
32		80	GCC 40-250L	GBS 40-250L	40.0	44.0		80	GCR3-15	1.5	GUD-B-12	GEU40
33		85	GCC 40-250L	GBS 40-250L	40.0	44.0		85	GCR3-17	2.0	GUD-C-12	GEU40
34		48 m³/hr	45	GCC 50-200	GBS 50-200	15.0		26.0	2.4	45	GCR3-09	1.0
35	50		GCC 50-200	GBS 50-200	20.0	26.0	50	GCR3-10		1.0	GUD-A-12	GEU20
36	55		GCC 50-200	GBS 50-200	20.0	26.0	55	GCR3-11		1.5	GUD-B-12	GEU20
37	60		GCC 40-250L	GBS 40-250L	25.0	26.0	60	GCR3-11		1.5	GUD-B-12	GEU25
38	65		GCC 40-250L	GBS 40-250L	30.0	37.0	65	GCR3-12		1.5	GUD-B-12	GEU30
39	70		GCC 40-250L	GBS 40-250L	30.0	37.0	70	GCR3-13		1.5	GUD-B-12	GEU30
40	75		GCC 40-250L	GBS 40-250L	40.0	44.0	75	GCR3-15		1.5	GUD-B-12	GEU40
41	80		GCC 40-250L	GBS 40-250L	40.0	44.0	80	GCR3-15		1.5	GUD-B-12	GEU40
42	54 m³/hr	45	GCC 50-200	GBS 50-200	15.0	26.0	2.7	45	GCR3-09	1.0	GUD-A-12	GEU15
43		50	GCC 50-200	GBS 50-200	20.0	26.0		50	GCR3-10	1.0	GUD-A-12	GEU20
44		55	GCC 50-200	GBS 50-200	20.0	26.0		55	GCR3-11	1.5	GUD-B-12	GEU25
45		60	GCC 40-250L	GBS 40-250L	25.0	26.0		60	GCR3-12	1.5	GUD-B-12	GEU25
46		65	GCC 40-250L	GBS 40-250L	30.0	37.0		65	GCR3-13	1.5	GUD-B-12	GEU30
47		70	GCC 40-250L	GBS 40-250L	30.0	37.0		70	GCR3-15	1.5	GUD-B-12	GEU30
48		75	GCC 40-250L	GBS 40-250L	40.0	44.0		75	GCR3-15	1.5	GUD-B-12	GEU40
49		80	GCC 40-250L	GBS 40-250L	40.0	44.0		80	GCR3-17	2.0	GUD-C-12	GEU40



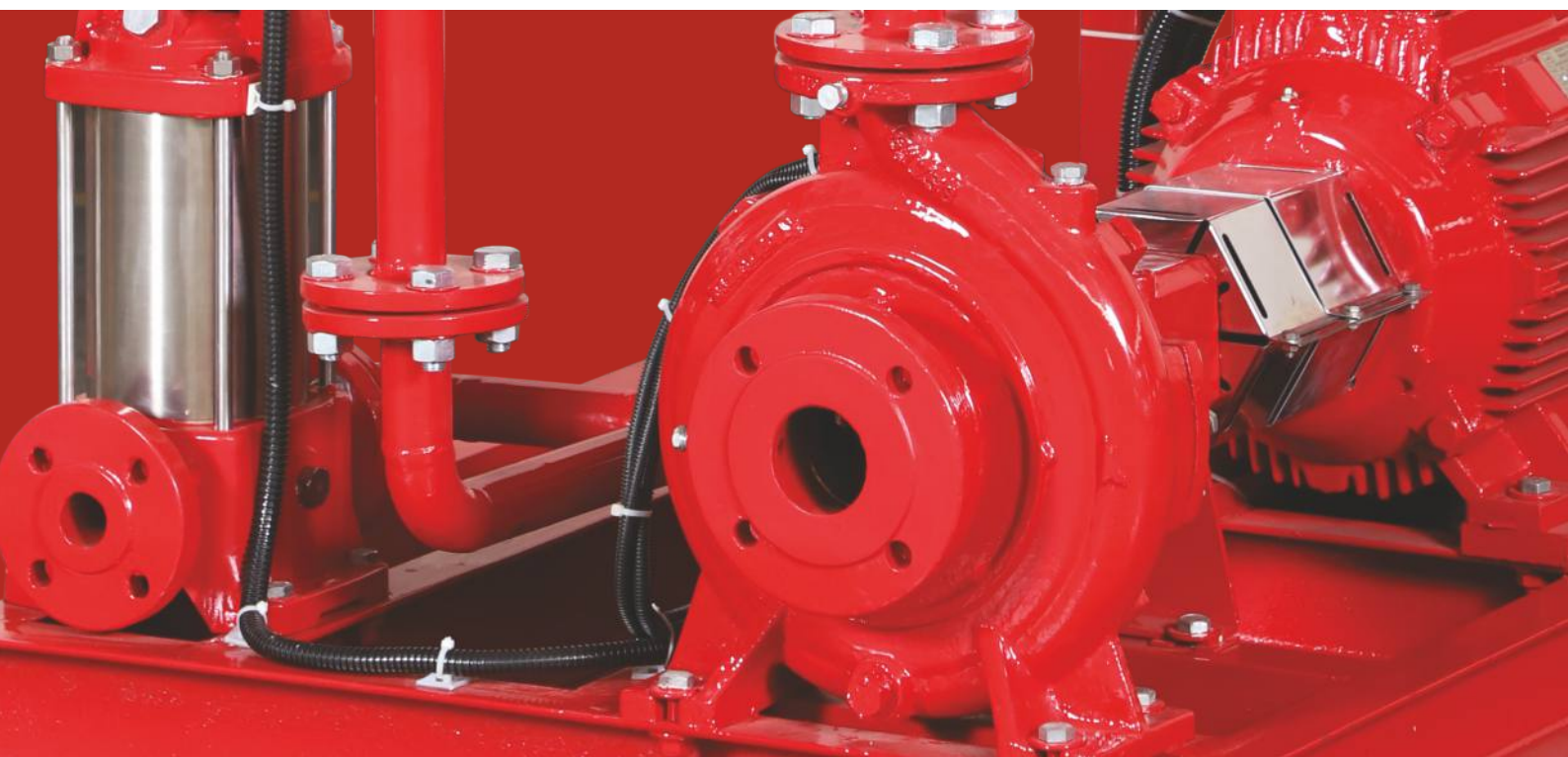
E + J GBS + Jockey

Unidad de extinción de incendios según CEPERVEN RT2 ABA con una bomba eléctrica principal (GBS) y una bomba jockey (GCR)

Fire Fighting unit as per CEPERVEN RT2 ABA with one main electrical pump (GBS) and one jockey pump (GCR)

Nº Sr.	Caudal	Altura en m	Motor eléctrico bomba accionada	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Modelo del Panel
Sr No.	Flow	Head in mtr	Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Panel Model
1	24 m³/hr	60	GBS 40-250	15.0	1.2	60	GCR1-11	0.75	GUEJ15-A
2		65	GBS 40-250	20.0		65	GCR1-12	1.0	GUEJ20-A
3		70	GBS 40-250	20.0		70	GCR1-13	1.0	GUEJ20-A
4		75	GBS 40-250	20.0		75	GCR1-15	1.0	GUEJ20-A
5		80	GBS 40-250	25.0		80	GCR1-15	1.0	GUEJ25-A
6		85	GBS 40-250	25.0		85	GCR1-17	1.5	GUEJ25-B
7	30 m³/hr	45	GBS 40-225	15.0	1.5	45	GCR1-09	0.75	GUEJ15-A
8		50	GBS 40-225	15.0		50	GCR1-10	0.75	GUEJ15-A
9		55	GBS 40-250	15.0		55	GCR1-11	0.75	GUEJ15-A
10		60	GBS 40-250	20.0		60	GCR1-12	1.0	GUEJ20-A
11		65	GBS 40-250	20.0		65	GCR1-13	1.0	GUEJ20-A
12		70	GBS 40-250	20.0		70	GCR1-15	1.0	GUEJ20-A
13		75	GBS 40-250	25.0		75	GCR1-15	1.0	GUEJ25-A
14		80	GBS 40-250	25.0		80	GCR1-17	1.5	GUEJ25-B
15	85	GBS 40-250	30.0	85	GCR1-17	1.5	GUEJ30-B		
16	36 m³/hr	45	GBS 50-200	15.0	1.8	45	GCR1-10	0.75	GUEJ15-A
17		50	GBS 50-200	15.0		50	GCR1-11	0.75	GUEJ15-A
18		55	GBS 50-200	20.0		55	GCR1-12	1.0	GUEJ20-A
19		60	GBS 50-200	20.0		60	GCR1-13	1.0	GUEJ20-A
20		65	GBS 40-250	20.0		65	GCR1-15	1.0	GUEJ20-A
21		70	GBS 40-250	20.0		70	GCR1-17	1.5	GUEJ20-B
22		75	GBS 40-250	25.0		75	GCR1-17	1.5	GUEJ25-B
23		80	GBS 40-250	30.0		80	GCR1-19	1.5	GUEJ30-B
24		85	GBS 40-250	30.0		85	GCR1-19	1.5	GUEJ30-B

Nº Sr.	Caudal	Altura en m	Motor eléctrico bomba accionada	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Modelo del Panel
Sr No.	Flow	Head in mtr	Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Panel Model
25	42 m³/hr	45	GBS 50-200	15.0	2.1	45	GCR3-08	1.0	GUEJ15-A
26		50	GBS 50-200	15.0		50	GCR3-09	1.0	GUEJ15-A
27		55	GBS 50-200	20.0		55	GCR3-10	1.0	GUEJ20-A
28		60	GBS 50-200	20.0		60	GCR3-11	1.5	GUEJ20-B
29		65	GBS 40-250L	30.0		65	GCR3-12	1.5	GUEJ30-B
30		70	GBS 40-250L	30.0		70	GCR3-13	1.5	GUEJ30-B
31		75	GBS 40-250L	30.0		75	GCR3-15	1.5	GUEJ30-B
32		80	GBS 40-250L	40.0		80	GCR3-15	1.5	GUEJ40-B
33		85	GBS 40-250L	40.0		85	GCR3-17	2.0	GUEJ40-C
34		48 m³/hr	45	GBS 50-200		15.0	2.4	45	GCR3-09
35	50		GBS 50-200	20.0	50	GCR3-10		1.0	GUEJ20-A
36	55		GBS 50-200	20.0	55	GCR3-11		1.5	GUEJ20-B
37	60		GBS 40-250L	25.0	60	GCR3-11		1.5	GUEJ25-B
38	65		GBS 40-250L	30.0	65	GCR3-12		1.5	GUEJ30-B
39	70		GBS 40-250L	30.0	70	GCR3-13		1.5	GUEJ30-B
40	75		GBS 40-250L	40.0	75	GCR3-15		1.5	GUEJ40-B
41	80		GBS 40-250L	40.0	80	GCR3-15		1.5	GUEJ40-B
42	54 m³/hr	45	GBS 50-200	15.0	2.7	45	GCR3-09	1.0	GUEJ15-A
43		50	GBS 50-200	20.0		50	GCR3-10	1.0	GUEJ20-A
44		55	GBS 50-200	20.0		55	GCR3-11	1.5	GUEJ20-B
45		60	GBS 40-250L	25.0		60	GCR3-12	1.5	GUEJ25-B
46		65	GBS 40-250L	30.0		65	GCR3-13	1.5	GUEJ30-B
47		70	GBS 40-250L	30.0		70	GCR3-15	1.5	GUEJ30-B
48		75	GBS 40-250L	40.0		75	GCR3-15	1.5	GUEJ40-B
49		80	GBS 40-250L	40.0		80	GCR3-17	2.0	GUEJ40-C





E + E + J 2 x GBS + Jockey

Unidad de lucha contra incendios según CEPERVEN RT2 ABA con dos bombas eléctricas principales (GBS) y una bomba jockey (GCR)

Fire Fighting unit as per CEPERVEN RT2 ABA with two main electrical pump (GBS) and one jockey pump (GCR)

Nº Sr.	Caudal	Altura en m	2 x eléctrico conducido por motor bomba	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	E + J Panel	Eléctrico Panel
Sr No.	Flow	Head in mtr	2 x Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	E + J Panel	Electrical Panel
1	24 m³/hr	60	GBS 40-250	15.0	1.2	60	GCR1-11	0.75	GUEJ15-A	GEU15
2		65	GBS 40-250	20.0		65	GCR1-12	1.0	GUEJ20-A	GEU20
3		70	GBS 40-250	20.0		70	GCR1-13	1.0	GUEJ20-A	GEU20
4		75	GBS 40-250	20.0		75	GCR1-15	1.0	GUEJ20-A	GEU20
5		80	GBS 40-250	25.0		80	GCR1-15	1.0	GUEJ25-A	GEU25
6		85	GBS 40-250	25.0		85	GCR1-17	1.5	GUEJ25-B	GEU25
7	30 m³/hr	45	GBS 40-225	15.0	1.5	45	GCR1-09	0.75	GUEJ15-A	GEU15
8		50	GBS 40-225	15.0		50	GCR1-10	0.75	GUEJ15-A	GEU15
9		55	GBS 40-250	15.0		55	GCR1-11	0.75	GUEJ15-A	GEU15
10		60	GBS 40-250	20.0		60	GCR1-12	1.0	GUEJ20-A	GEU20
11		65	GBS 40-250	20.0		65	GCR1-13	1.0	GUEJ20-A	GEU20
12		70	GBS 40-250	20.0		70	GCR1-15	1.0	GUEJ20-A	GEU20
13		75	GBS 40-250	25.0		75	GCR1-15	1.0	GUEJ25-A	GEU25
14		80	GBS 40-250	25.0		80	GCR1-17	1.5	GUEJ25-B	GEU25
15	85	GBS 40-250	30.0	85	GCR1-17	1.5	GUEJ30-B	GEU30		
16	36 m³/hr	45	GBS 50-200	15.0	1.8	45	GCR1-10	0.75	GUEJ15-A	GEU15
17		50	GBS 50-200	15.0		50	GCR1-11	0.75	GUEJ15-A	GEU15
18		55	GBS 50-200	20.0		55	GCR1-12	1.0	GUEJ20-A	GEU20
19		60	GBS 50-200	20.0		60	GCR1-13	1.0	GUEJ20-A	GEU20
20		65	GBS 40-250	20.0		65	GCR1-15	1.0	GUEJ20-A	GEU20
21		70	GBS 40-250	20.0		70	GCR1-17	1.5	GUEJ20-B	GEU20
22		75	GBS 40-250	25.0		75	GCR1-17	1.5	GUEJ25-B	GEU25
23		80	GBS 40-250	30.0		80	GCR1-19	1.5	GUEJ30-B	GEU30
24		85	GBS 40-250	30.0		85	GCR1-19	1.5	GUEJ30-B	GEU30



Nº Sr.	Caudal	Altura en m	2 x eléctrico conducido por motor bomba	Potencia del motor (CV) 2900 RPM	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	E + J Panel	Eléctrico Panel
Sr No.	Flow	Head in mtr	2 x Electric motor driven pump	Motor Power rating (HP) 2900 RPM	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	E + J Panel	Electrical Panel
25	42 m³/hr	45	GBS 50-200	15.0	2.1	45	GCR3-08	1.0	GUEJ15-A	GEU15
26		50	GBS 50-200	15.0		50	GCR3-09	1.0	GUEJ15-A	GEU15
27		55	GBS 50-200	20.0		55	GCR3-10	1.0	GUEJ20-A	GEU20
28		60	GBS 50-200	20.0		60	GCR3-11	1.5	GUEJ20-B	GEU20
29		65	GBS 40-250L	30.0		65	GCR3-12	1.5	GUEJ30-B	GEU30
30		70	GBS 40-250L	30.0		70	GCR3-13	1.5	GUEJ30-B	GEU30
31		75	GBS 40-250L	30.0		75	GCR3-15	1.5	GUEJ30-B	GEU30
32		80	GBS 40-250L	40.0		80	GCR3-15	1.5	GUEJ40-B	GEU40
33		85	GBS 40-250L	40.0		85	GCR3-17	2.0	GUEJ40-C	GEU40
34		48 m³/hr	45	GBS 50-200		15.0	2.4	45	GCR3-09	1.0
35	50		GBS 50-200	20.0	50	GCR3-10		1.0	GUEJ20-A	GEU20
36	55		GBS 50-200	20.0	55	GCR3-11		1.5	GUEJ20-B	GEU20
37	60		GBS 40-250L	25.0	60	GCR3-11		1.5	GUEJ25-B	GEU25
38	65		GBS 40-250L	30.0	65	GCR3-12		1.5	GUEJ30-B	GEU30
39	70		GBS 40-250L	30.0	70	GCR3-13		1.5	GUEJ30-B	GEU30
40	75		GBS 40-250L	40.0	75	GCR3-15		1.5	GUEJ40-B	GEU40
41	80		GBS 40-250L	40.0	80	GCR3-15		1.5	GUEJ40-B	GEU40
42	54 m³/hr	45	GBS 50-200	15.0	2.7	45	GCR3-09	1.0	GUEJ15-A	GEU15
43		50	GBS 50-200	20.0		50	GCR3-10	1.0	GUEJ20-A	GEU20
44		55	GBS 50-200	20.0		55	GCR3-11	1.5	GUEJ20-B	GEU25
45		60	GBS 40-250L	25.0		60	GCR3-12	1.5	GUEJ25-B	GEU25
46		65	GBS 40-250L	30.0		65	GCR3-13	1.5	GUEJ30-B	GEU30
47		70	GBS 40-250L	30.0		70	GCR3-15	1.5	GUEJ30-B	GEU30
48		75	GBS 40-250L	40.0		75	GCR3-15	1.5	GUEJ40-B	GEU40
49		80	GBS 40-250L	40.0		80	GCR3-17	2.0	GUEJ40-C	GEU40



D + J GBS Diesel + Jockey

Unidad de lucha contra incendios según
CEPERVEN RT2 ABA con
una bomba diesel principal (GBS) y
una bomba jockey (GCR)

Fire Fighting unit as per
CEPERVEN RT2 ABA with
one main diesel pump (GBS) and
one jockey pump (GCR)

Nº Sr.	Caudal	Altura en m	Motor diesel bomba accionada	Motor Poder clasificación (CV)	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Modelo del Panel
Sr No.	Flow	Head in mtr	Diesel Engine driven pump	Engine Power rating (HP)	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Panel Model
1	24 m³/hr	60	GBS 40-250	26.0	1.2	60	GCR1-11	0.75	GUD-A-12
2		65	GBS 40-250	26.0		65	GCR1-12	1.0	GUD-A-12
3		70	GBS 40-250	26.0		70	GCR1-13	1.0	GUD-A-12
4		75	GBS 40-250	26.0		75	GCR1-15	1.0	GUD-A-12
5		80	GBS 40-250	26.0		80	GCR1-15	1.0	GUD-A-12
6		85	GBS 40-250	26.0		85	GCR1-17	1.5	GUD-B-12
7	30 m³/hr	45	GBS 40-225	26.0	1.5	45	GCR1-09	0.75	GUD-A-12
8		50	GBS 40-225	26.0		50	GCR1-10	0.75	GUD-A-12
9		55	GBS 40-250	26.0		55	GCR1-11	0.75	GUD-A-12
10		60	GBS 40-250	26.0		60	GCR1-12	1.0	GUD-A-12
11		65	GBS 40-250	26.0		65	GCR1-13	1.0	GUD-A-12
12		70	GBS 40-250	26.0		70	GCR1-15	1.0	GUD-A-12
13		75	GBS 40-250	26.0		75	GCR1-15	1.0	GUD-A-12
14		80	GBS 40-250	26.0		80	GCR1-17	1.5	GUD-B-12
15	85	GBS 40-250	37.0	85	GCR1-17	1.5	GUD-B-12		
16	36 m³/hr	45	GBS 50-200	26.0	1.8	45	GCR1-10	0.75	GUD-A-12
17		50	GBS 50-200	26.0		50	GCR1-11	0.75	GUD-A-12
18		55	GBS 50-200	26.0		55	GCR1-12	1.0	GUD-A-12
19		60	GBS 50-200	26.0		60	GCR1-13	1.0	GUD-A-12
20		65	GBS 40-250	26.0		65	GCR1-15	1.0	GUD-A-12
21		70	GBS 40-250	26.0		70	GCR1-17	1.5	GUD-B-12
22		75	GBS 40-250	26.0		75	GCR1-17	1.5	GUD-B-12
23		80	GBS 40-250	37.0		80	GCR1-19	1.5	GUD-B-12
24		85	GBS 40-250	37.0		85	GCR1-19	1.5	GUD-B-12

Nº Sr.	Caudal	Altura en m	Motor diesel bomba accionada	Motor Poder clasificación (CV)	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal)	Altura en m	Bomba jockey	Potencia de la bomba Jockey en CV	Modelo del Panel
Sr No.	Flow	Head in mtr	Diesel Engine driven pump	Engine Power rating (HP)	Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Head m	Jockey Pump	Jockey pump rating in (HP)	Panel Model
25	42 m³/hr	45	GBS 50-200	26.0	2.1	45	GCR3-08	1.0	GUD-A-12
26		50	GBS 50-200	26.0		50	GCR3-09	1.0	GUD-A-12
27		55	GBS 50-200	26.0		55	GCR3-10	1.0	GUD-A-12
28		60	GBS 50-200	26.0		60	GCR3-11	1.5	GUD-B-12
29		65	GBS 40-250L	37.0		65	GCR3-12	1.5	GUD-B-12
30		70	GBS 40-250L	37.0		70	GCR3-13	1.5	GUD-B-12
31		75	GBS 40-250L	37.0		75	GCR3-15	1.5	GUD-B-12
32		80	GBS 40-250L	44.0		80	GCR3-15	1.5	GUD-B-12
33		85	GBS 40-250L	44.0		85	GCR3-17	2.0	GUD-C-12
34		48 m³/hr	45	GBS 50-200		26.0	2.4	45	GCR3-09
35	50		GBS 50-200	26.0	50	GCR3-10		1.0	GUD-A-12
36	55		GBS 50-200	26.0	55	GCR3-11		1.5	GUD-B-12
37	60		GBS 40-250L	26.0	60	GCR3-11		1.5	GUD-B-12
38	65		GBS 40-250L	37.0	65	GCR3-12		1.5	GUD-B-12
39	70		GBS 40-250L	37.0	70	GCR3-13		1.5	GUD-B-12
40	75		GBS 40-250L	44.0	75	GCR3-15		1.5	GUD-B-12
41	80		GBS 40-250L	44.0	80	GCR3-15		1.5	GUD-B-12
42	54 m³/hr	45	GBS 50-200	26.0	2.7	45	GCR3-09	1.0	GUD-A-12
43		50	GBS 50-200	26.0		50	GCR3-10	1.0	GUD-A-12
44		55	GBS 50-200	26.0		55	GCR3-11	1.5	GUD-B-12
45		60	GBS 40-250L	26.0		60	GCR3-12	1.5	GUD-B-12
46		65	GBS 40-250L	37.0		65	GCR3-13	1.5	GUD-B-12
47		70	GBS 40-250L	37.0		70	GCR3-15	1.5	GUD-B-12
48		75	GBS 40-250L	44.0		75	GCR3-15	1.5	GUD-B-12
49		80	GBS 40-250L	44.0		80	GCR3-17	2.0	GUD-C-12



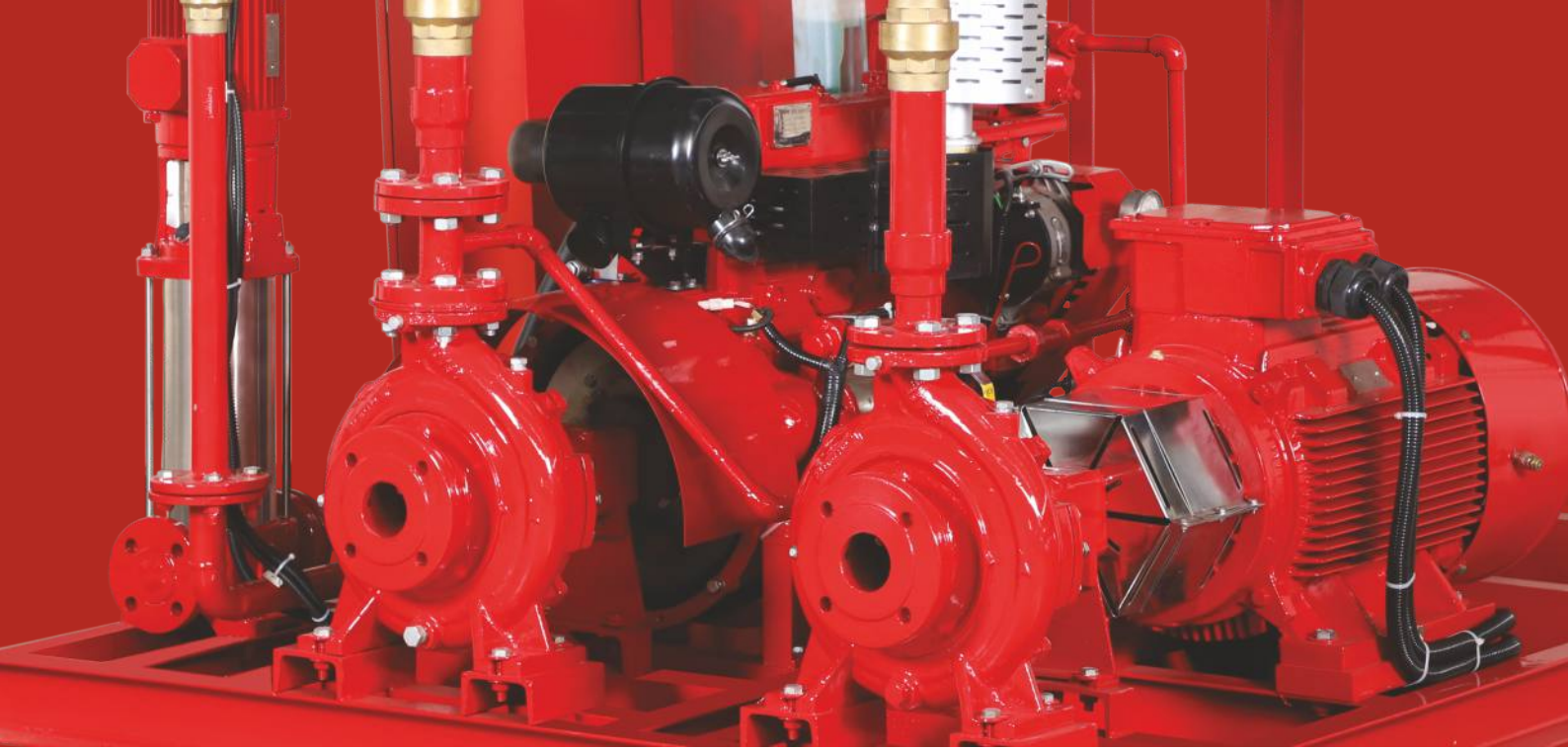


E + D + J GBS + GBS + Jockey

Unidad de lucha contra incendios según CEPERVEN RT2 ABA con una bomba eléctrica principal (GBS), otra bomba diesel principal (GBS) y una bomba jockey (GCR)

Fire Fighting unit as per CEPERVEN RT2 ABA with one main electrical pump (GBS), other main diesel pump (GBS) and one jockey pump (GCR)

Nº Sr.	Caudal	Altura en m	Motor eléctrico Y Motor diesel bomba accionada Electric motor & Diesel Engine driven pump	Potencia del motor (CV) 2900 RPM Motor Power rating (HP) 2900 RPM	Motor Poder clasificación (CV) Engine Power rating (HP)	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal) Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Altura en m	Bomba jockey Jockey Pump	Potencia de la bomba Jockey en CV Jockey pump rating in (HP)	Diesel + jockey Panel	Eléctrico Panel
Sr No.	Flow	Head in mtr					Head m			Diesel + jockey Panel	Electrical Panel
1	24 m³/hr	60	GBS 40-250	15.0	26.0	1.2	60	GCR1-11	0.75	GUD-A-12	GEU15
2		65	GBS 40-250	20.0	26.0		65	GCR1-12	1.0	GUD-A-12	GEU20
3		70	GBS 40-250	20.0	26.0		70	GCR1-13	1.0	GUD-A-12	GEU20
4		75	GBS 40-250	20.0	26.0		75	GCR1-15	1.0	GUD-A-12	GEU20
5		80	GBS 40-250	25.0	26.0		80	GCR1-15	1.0	GUD-A-12	GEU25
6		85	GBS 40-250	25.0	26.0		85	GCR1-17	1.5	GUD-B-12	GEU25
7	30 m³/hr	45	GBS 40-225	15.0	26.0	1.5	45	GCR1-09	0.75	GUD-A-12	GEU15
8		50	GBS 40-225	15.0	26.0		50	GCR1-10	0.75	GUD-A-12	GEU15
9		55	GBS 40-250	15.0	26.0		55	GCR1-11	0.75	GUD-A-12	GEU15
10		60	GBS 40-250	20.0	26.0		60	GCR1-12	1.0	GUD-A-12	GEU20
11		65	GBS 40-250	20.0	26.0		65	GCR1-13	1.0	GUD-A-12	GEU20
12		70	GBS 40-250	20.0	26.0		70	GCR1-15	1.0	GUD-A-12	GEU20
13		75	GBS 40-250	25.0	26.0		75	GCR1-15	1.0	GUD-A-12	GEU25
14		80	GBS 40-250	25.0	26.0		80	GCR1-17	1.5	GUD-B-12	GEU25
15	85	GBS 40-250	30.0	37.0	85	GCR1-17	1.5	GUD-B-12	GEU30		
16	36 m³/hr	45	GBS 50-200	15.0	26.0	1.8	45	GCR1-10	0.75	GUD-A-12	GEU15
17		50	GBS 50-200	15.0	26.0		50	GCR1-11	0.75	GUD-A-12	GEU15
18		55	GBS 50-200	20.0	26.0		55	GCR1-12	1.0	GUD-A-12	GEU20
19		60	GBS 50-200	20.0	26.0		60	GCR1-13	1.0	GUD-A-12	GEU20
20		65	GBS 40-250	20.0	26.0		65	GCR1-15	1.0	GUD-A-12	GEU20
21		70	GBS 40-250	20.0	26.0		70	GCR1-17	1.5	GUD-B-12	GEU20
22		75	GBS 40-250	25.0	26.0		75	GCR1-17	1.5	GUD-B-12	GEU25
23		80	GBS 40-250	30.0	37.0		80	GCR1-19	1.5	GUD-B-12	GEU30
24		85	GBS 40-250	30.0	37.0		85	GCR1-19	1.5	GUD-B-12	GEU30



Nº Sr.	Caudal	Altura en m	Motor eléctrico Y Motor diesel bomba accionada Electric motor & Diesel Engine driven pump	Potencia del motor (CV) 2900 RPM Motor Power rating (HP) 2900 RPM	Motor Poder clasificación (CV) Engine Power rating (HP)	Caudal de la bomba Jockey (m³/h) (5% del caudal de la bomba principal) Flow for jockey pump (m³/hr) @ 5% flow of Main pumps	Altura en m	Bomba jockey Jockey Pump	Potencia de la bomba Jockey en CV Jockey pump rating in (HP)	Diesel + jockey Panel	Eléctrico Panel
Sr No.	Flow	Head in mtr					Head m				Electrical Panel
25	42 m³/hr	45	GBS 50-200	15.0	26.0	2.1	45	GCR3-08	1.0	GUD-A-12	GEU15
26		50	GBS 50-200	15.0	26.0		50	GCR3-09	1.0	GUD-A-12	GEU15
27		55	GBS 50-200	20.0	26.0		55	GCR3-10	1.0	GUD-A-12	GEU20
28		60	GBS 50-200	20.0	26.0		60	GCR3-11	1.5	GUD-B-12	GEU20
29		65	GBS 40-250L	30.0	37.0		65	GCR3-12	1.5	GUD-B-12	GEU30
30		70	GBS 40-250L	30.0	37.0		70	GCR3-13	1.5	GUD-B-12	GEU30
31		75	GBS 40-250L	30.0	37.0		75	GCR3-15	1.5	GUD-B-12	GEU30
32		80	GBS 40-250L	40.0	44.0		80	GCR3-15	1.5	GUD-B-12	GEU40
33		85	GBS 40-250L	40.0	44.0		85	GCR3-17	2.0	GUD-C-12	GEU40
34		48 m³/hr	45	GBS 50-200	15.0		26.0	2.4	45	GCR3-09	1.0
35	50		GBS 50-200	20.0	26.0	50	GCR3-10		1.0	GUD-A-12	GEU20
36	55		GBS 50-200	20.0	26.0	55	GCR3-11		1.5	GUD-B-12	GEU20
37	60		GBS 40-250L	25.0	26.0	60	GCR3-11		1.5	GUD-B-12	GEU25
38	65		GBS 40-250L	30.0	37.0	65	GCR3-12		1.5	GUD-B-12	GEU30
39	70		GBS 40-250L	30.0	37.0	70	GCR3-13		1.5	GUD-B-12	GEU30
40	75		GBS 40-250L	40.0	44.0	75	GCR3-15		1.5	GUD-B-12	GEU40
41	80		GBS 40-250L	40.0	44.0	80	GCR3-15		1.5	GUD-B-12	GEU40
42	54 m³/hr	45	GBS 50-200	15.0	26.0	2.7	45	GCR3-09	1.0	GUD-A-12	GEU15
43		50	GBS 50-200	20.0	26.0		50	GCR3-10	1.0	GUD-A-12	GEU20
44		55	GBS 50-200	20.0	26.0		55	GCR3-11	1.5	GUD-B-12	GEU25
45		60	GBS 40-250L	25.0	26.0		60	GCR3-12	1.5	GUD-B-12	GEU25
46		65	GBS 40-250L	30.0	37.0		65	GCR3-13	1.5	GUD-B-12	GEU30
47		70	GBS 40-250L	30.0	37.0		70	GCR3-15	1.5	GUD-B-12	GEU30
48		75	GBS 40-250L	40.0	44.0		75	GCR3-15	1.5	GUD-B-12	GEU40
49		80	GBS 40-250L	40.0	44.0		80	GCR3-17	2.0	GUD-C-12	GEU40



GENERAL PUMPS, S.L.U.

Pol. Ind. El Oliveral (U.E.7, Nave nº1) - Calle W
46394 Ribarroja del Turia - Valencia Spain
Tel. : +34 96 1665200 / Fax :+34 96 1665052
E-mail: info@pumpsgp.com • www.pumpsgp.com

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