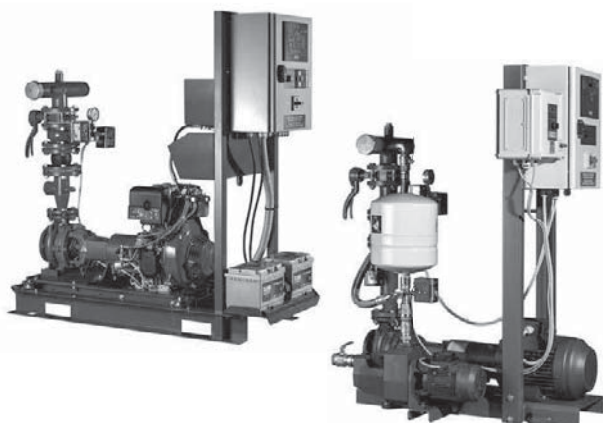


1 KDN COMPACT

UNI EN 12845 FIRE-FIGHTING PUMP SETS



TECHNICAL DATA

Operating range: from 10 to 650 m³/h

Pumped liquid: clean, free of solids and abrasives, non-viscous, non-aggressive, non-crystallised and chemically neutral, with properties similar to water.

Pumped liquid temperature range: from 0 to 70 °C.

Maximum ambient temperature: + 40°C

Maximum operating pressure: 16 bar (1600kPa) PN16

Special executions on request:

Diesel version with water/water heat exchanger.

Electric 230 three-phase 50 or 60 Hz, bronze impeller.

APPLICATIONS

Fire fighting sets with diesel engine and electric motor, ideal for commercial building automatic sprinklers and/or hydrants. Designed to be used in conjunction with each other, to meet the requirements of all the versions pursuant to UNI EN 12845 and UNI 10779 standards.

CONSTRUCTION FEATURES OF THE UNI EN 12845 FIRE-FIGHTING PUMP SET

Pre-assembled set on RAL3000 red painted steel base, supporting the pump, the motor, and the electric control panel. The pump is coupled, by means of a spacer elastic coupling, to an electric (**efficiency level IE3**) or Diesel motor capable of providing the power absorbed by the pump at any pump load condition, from no-load, to a load corresponding to **NPSH16m (as requested by section 10.1 of the UNI EN 12845 standard)**.

The UNI EN 12845 DAB fire-fighting sets are supplied in modular version. This type of solution facilitates the transport, as well as the installation of DAB fire-fighting sets in pump rooms, even in case of narrow entrance doors. Thanks to a coupling kit (supplied as accessory), it is possible to complete all the compositions contemplated by the standard (one, two, three pumps, electric or Diesel, with or without compensation pump).

Each module has a serial number with its own declaration of conformity, and its own installation and maintenance manual.

Specific characteristics of the Diesel engine-driven pump

Diesel engine-driven pump sets have a vibration dampening system that reduces the amount of the vibrations produced by the Diesel engine reaching the system. This consists of rubber anti-vibration feet and couplings. Each Diesel engine-driven pump includes two start-up batteries and a Diesel tank providing 6 hours of continuous operation. Motor pumps with diesel engine cooled by a 37 kW water/water heat exchanger available on request. The Diesel engine has an air/air cooling system for low powers (up to 26 kW), and air/water cooling system for higher powers (37 kW and over). The Diesel engine can operate continuously at full load in accordance with ISO 3046 standards, curve NA (section 10.9.1 of UNI EN 12845).

CONSTRUCTION FEATURES OF THE PUMP

KDN range pump with cast iron single stage spiral body in accordance with DIN-EN 733 (formerly DIN 24255); cast iron seal cover and support. Flanges in accordance to DIN 2533 (DIN 2532 for DN 200). Cast iron impeller, closed and dynamically balanced, with compensation of the axial thrust through balancing holes, operation on interchangeable wear rings (on request). Stainless steel pump shaft supported by two permanently lubricated oversized ball bearings, housed inside an appropriate chamber in the support.

Standard seal device: standardised mechanical seal according to DIN 24960 in carbon/silicon carbide with EPDM OR rings.

COMPENSATION PUMP

All the DAB fire-fighting pump sets are available with or without compensation pump. The compensation pump (JET, KV, or KVC models) intervenes automatically in case of small pressure drops in the fire-fighting system, reinstating the pressure to the required level, and therefore avoiding pointless starts of the main pumps. Installed on the main pump base side, it is connected to the delivery manifold of the main pump, and includes: ball valves on the suction and delivery, check valve on the delivery, pressure switch, 18 litre expansion vessel, protection and control panel.

HYDRAULIC STRUCTURE

The suction of the KDN pump is supplied with flange for the connection to the suction kit (supplied as accessory). The suction kit consists of an eccentric diverter adaptor with opening angle of less than 20 °. The kit can keep the water speed lower than 1,5 m/s, as required by section 10.6.2.3 of the UNI EN 12845 standard. On the delivery side are a concentric diverter adaptor ready for the connection of a 2" union for the connection of the priming tank (positive suction installation), vibration coupling (in the Diesel version), check valve and circuit with no. 2 start-up pressure switches with test valve for the same, shut-off valve (with manual reducer from DN125) and RAL3000 red painted steel delivery manifold ready for the connection of the compensation pump and expansion vessel* (**expansion vessels are guaranteed for 5 years**).

(*Supplied as standard only in the versions with compensation pump).

ELECTRIC CONTROL BOX

Fire-fighting pump sets include an electric control panel for each pump, connected to the main components (motor, pressure switches, sensors, batteries, etc.).

ELECTRIC PUMP CONTROL PANEL

UNI EN 12845 FIRE-FIGHTING PUMP SETS



TECHNICAL DATA

Nominal power input voltage: 400 V +/- 5%

Phases: 3

Frequency: 50-60 Hz

Number of pumps that can be connected: 1

Maximum nominal power of use:

from 3 to 110 kW (depending on model).

Maximum nominal current of use: from 10 Amp to 250 Amp.

Ambient temperature operation limits: from +4 °C to +40 °C.

Relative humidity (without condensation):

50% at 40 °C MAX (90% a 20 °C)

Max. altitude: 3000 m (a.s.l.).

Protection class: IP55

Control panel construction:

According to EN60204, EN 60439-1, and UNI EN 12845/10779.

COMPONENTS

The control and protection panel includes the following components

INTERIOR OF CABINET

Connector for the powering of a GSM Modem (230 V, protected by fuse).

Motor protection fuses (aM type); current surge relay-motor protectors are not permitted by the standard.

Auxiliary circuit protection fuses (Gg type).

Direct pump starters (up to 7,5 kW).

Star/triangle starters (11 kW and over).

24 V auxiliary circuit transformers.

Alarm relay with terminal box for remote status control (as required by the UNI EN 12845 standard).

System start-up input connection terminal box.

ON FRONT PANEL

Electric pump control unit with:

Multifunction instrument with display (voltmeter, ammeter, cosfi metre, wattmeter, alarms and status).

Start and stop pushbuttons.

Status and alarm notification lamps.

Alarm/notification lamp test pushbutton.

0 - 1 selector (0 = automatic disabled; 1 = automatic on), key removable only for position one (AUTOMATIC ON).

REMOTELY CONTROLLED ALARMS:

Voltage present.

Phase sequence.

Pump start request from the pressure switches.

Pump start request from priming tank.

Pump in operation.

Start failed.

The above alarms can be remotely controlled in the following ways:

With relay wiring to the CSR-1 control panel.

With RS-485 wiring to the CSR-1 control panel.

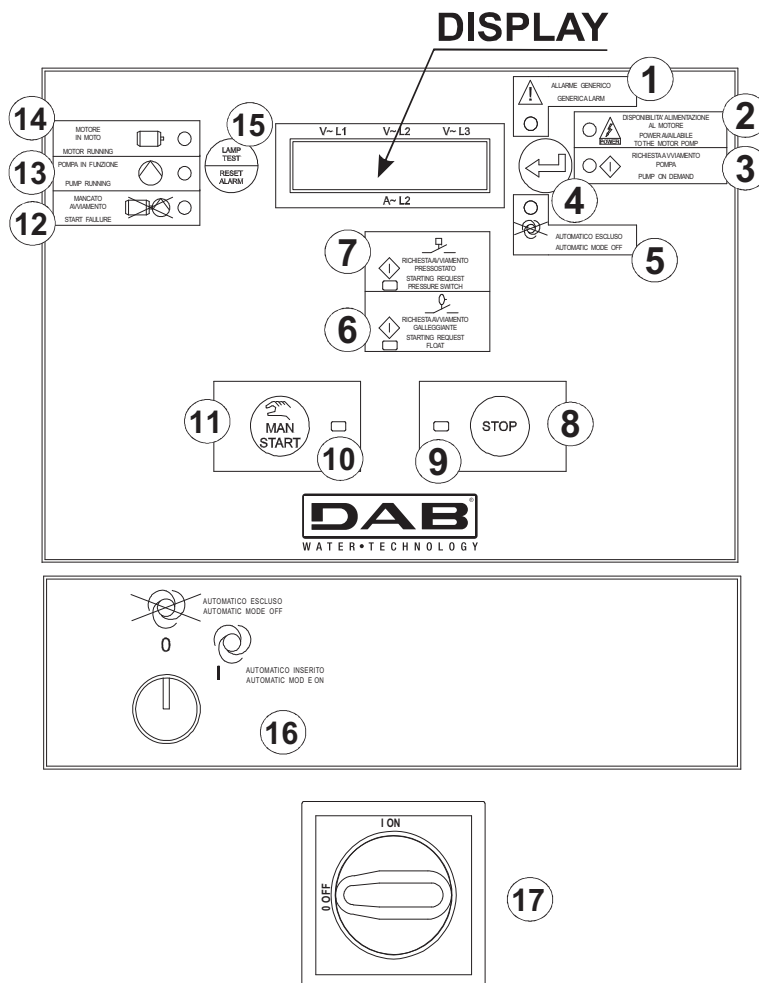
With GSM Modem inside the cabinet CSR-1, for forwarding status and/or alarm signals (optional).

ELECTRIC PUMP CONTROL PANEL

UNI EN 12845 FIRE-FIGHTING PUMP SETS

ELECTRIC PUMP CONTROL UNIT

The A1 electronic control unit supplied with the control panel offers the following features: automatic start from the pressure switches or the priming float switch, manual start, automatic monitoring of pump set faults and incorrect or unavailable power input voltage.



**ALIMENTAZIONE DELLA POMPA SPRINKLER
NON SPEGNERE IN CASO DI INCENDIO**

**SPRINKLER PUMP MOTOR SUPPLY
NOT TO BE SWITCHED OFF IN THE EVENT OF FIRE**

REF.	FUNCTION
1	LAMP - Generic alarm
2	LAMP - Power input to the motor detected
3	LAMP - Pump START request
4	Press to display the instruments
5	LAMP - Automatic start disabled
6	LAMP - START request from the priming tank float switch
7	LAMP - START request (call) from the pressure switches
8	MANUAL STOP pushbutton
9	LAMP - MANUAL STOP with STOP pushbutton notification

REF.	FUNCTION
10	LAMP - MANUAL START with MAN START pushbutton notification
11	MANUAL START pushbutton
12	LAMP - Start failed
13	LAMP - ELECTRIC PUMP RUNNING with motor running; detected by the electric pump running pressure switch
14	LAMP - MOTOR RUNNING; controlled by the ammeter detection
15	Reset lamp test pushbutton
16	Automatic mode disabling selector
17	Power input disconnection switch

DIESEL PUMP CONTROL PANEL

UNI EN 12845 FIRE-FIGHTING PUMP SETS



TECHNICAL DATA

Nominal power input voltage: 230V +/- 5%

Phases: 1+N

Frequency: 50-60 Hz

Number of pumps that can be connected: 1

Maximum nominal power of use:

from 7,5 to 197 kW (Diesel motor power)

Nominal power absorbed by the users:

approximately 790 W (3 Amp) at full load, 16 Amp power input line

Ambient temperature operation limits: from +4 °C to +40 °C

Relative humidity (without condensation):

50% at 40 °C MAX (90% a 20 °C)

Max. altitude: 3000 m (a.s.l.).

Protection class: IP55

Control panel construction:

According to EN60204, EN 60439-1, and UNI EN 12845/10779.

DIESEL PUMP CONTROL PANEL

COMPONENTS

The control and protection panel includes the following components

INTERIOR OF CABINET

Connector for the powering of a GSM Modem (12V, protected by fuse).

Auxiliary circuit protection fuses (Gg type).

2 x 12 V Diesel engine start relays (for 12 V starter motors with powers up to 145 kW).

2 x 24 V Diesel engine start relays (for 24 V starter motors with powers over 145 kW).

2 automatic battery chargers.

Alarm relay with terminal box for remote status control (as required by the UNI EN 12845 standard).

System start-up input connection terminal box.

ON FRONT PANEL

Diesel pump control unit with:

Multifunction instrument with display (voltmeter, ammeter, revolution counter, hours of operation counter, Diesel percentage level, oil pressure).

Start and Stop pushbuttons (one for each battery).

Status and alarm notification lamps.

Lamp test pushbutton.

First start-up TEST pushbutton (*).

Breakable glass protected rocker switch for pump start, bypassing the control unit in case of fault.

0 - 1 selector (0 = automatic disabled; 1 = automatic on), key removable only for position one (AUTOMATIC ON).

REMOTELY CONTROLLED ALARMS

Voltage present.

Phase sequence.

Pump start request from the pressure switches.

Pump start request from priming tank.

Pump in operation.

Start failed.

The above alarms can be remotely controlled in the following ways:

With relay wiring to the CSR-1 control panel (optional).

With RS-485 wiring to the CSR-1 control panel (optional).

With GSM Modem inside the cabinet, for forwarding status and/or alarm signals (optional).

The control panel receives the signal from the pressure switches and starts the engine-driven pump also when no power network voltage is detected. The pump running status is detected through the speed/revolution sensor signal (as required by section 10.9.8 of UNI EN 12845). The panel is equipped with a start-up system with two 12V batteries (as required by section 10.9.8. of UNI EN 12845). If one of the batteries is faulty, the panel automatically starts the pump up using the other battery (6 alternated starts).

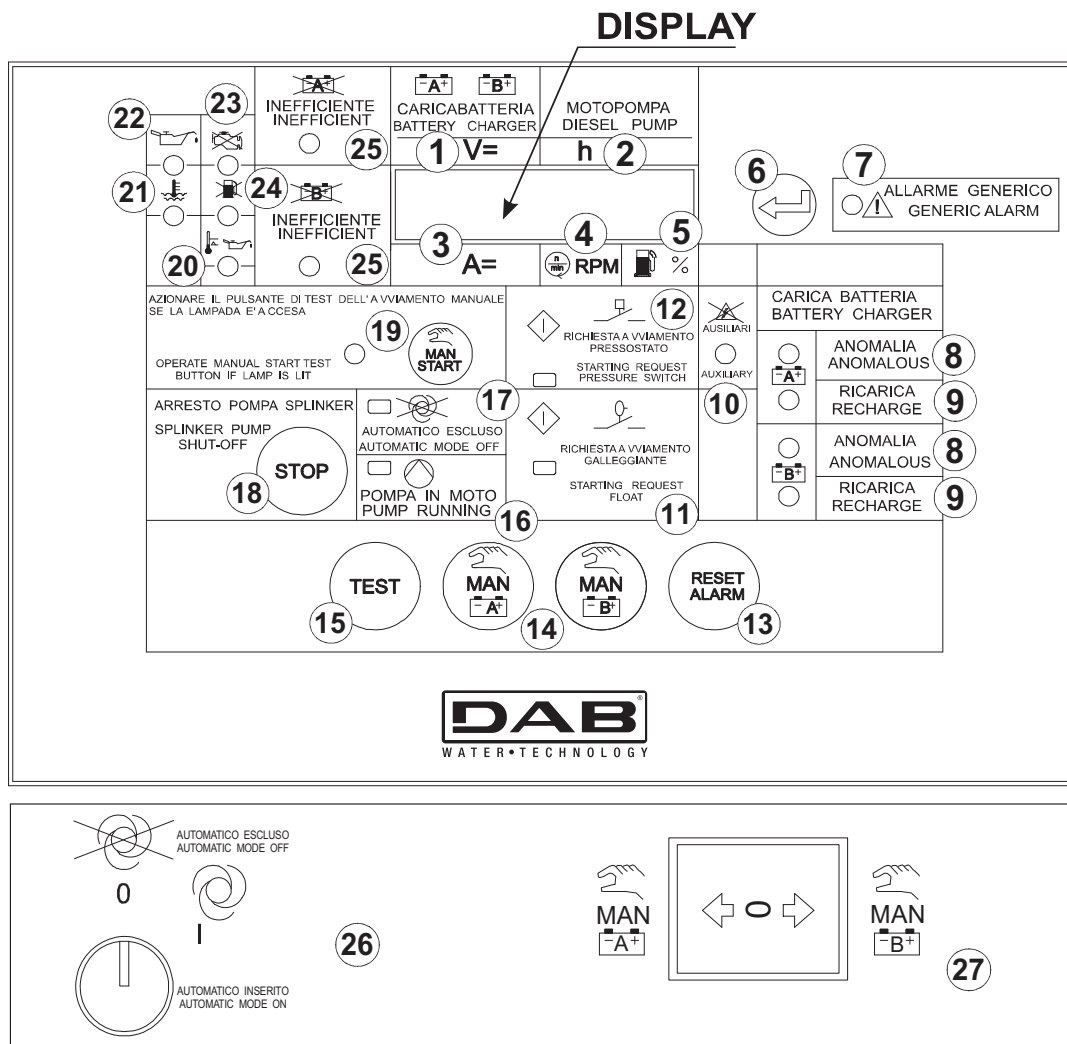
(*) When the engine-driven pump is put into operation on site for the first time, it will be necessary to check the start failure alarm (in accordance with section 10.9.12.2 of UNI EN 12845). For this purpose, on the front of the control panel is a TEST pushbutton that simulates no. 6 alternate start attempts on the two batteries, if there is no fuel. At the end of the TEST, the start failure alarm activates (lamp + N.O. contact)

DIESEL PUMP CONTROL PANEL

UNI EN 12845 FIRE-FIGHTING PUMP SETS

DIESEL ENGINE-DRIVEN PUMP CONTROL UNIT

The A1 electronic pump control unit supplied with the control panel offers the following features: automatic start with 6 alternate pulses on the 2 batteries, with starter gear engaged check, manual start, battery efficiency check, particularly during start-up, automatic monitoring of pump set faults and display of battery charge signals.



REF.	FUNCTION
1	A and B battery charger voltmeters
2	Hour meter
3	A and B battery charger ammeters
4	Hour meter
5	Fuel level gauge
6	- Press briefly to show instruments - Press and hold down for LED test
7	Generic alarm
8	Fault detected by the battery charger during battery charging
9	Battery charger ON
10	No power input to the battery charger detected alarm
11	Start request from the pump priming tank flow switch
12	START request (call) from the pressure switches
13	Fault reset

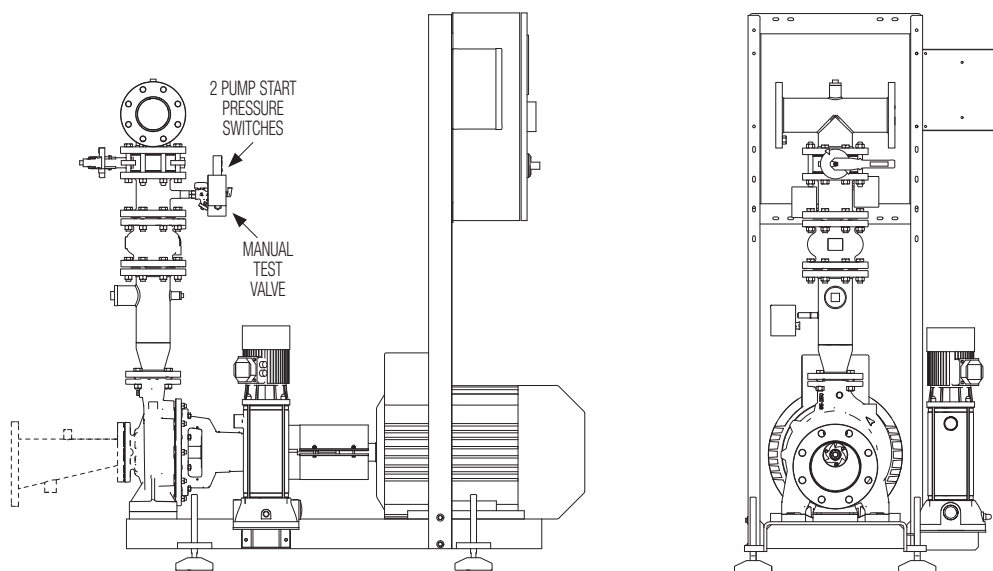
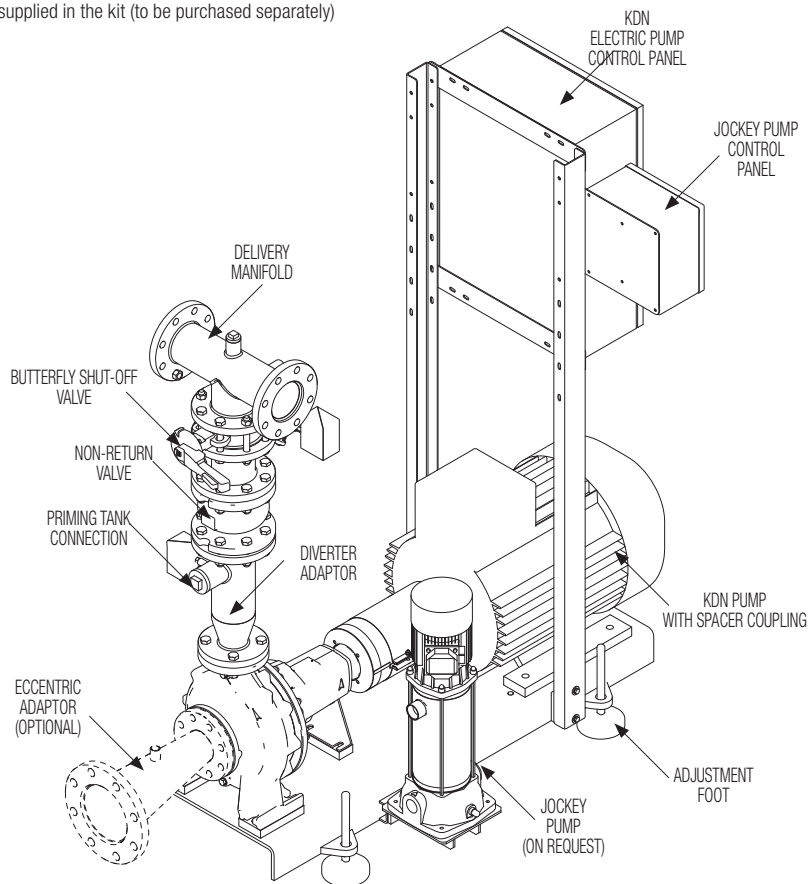
REF.	FUNCTION
14	Manual engine-driven pump start using batteries A and B (always active)
15	Start-up test
16	Engine-driven pump running
17	Automatic mode disabled
18	Engine-driven pump set stop pushbutton
19	Manual start test pushbutton and lamp
20	Oil or water heater not heating
21	Overtemperature alarm
22	Insufficient oil pressure alarm
23	Start failed alarm
24	Low fuel alarm
25	Faulty A and B battery alarm
26	Automatic mode disabling selector
27	Breakable glass protected pushbutton for emergency start of battery A or B

1 KDN COMPACT

UNI EN 12845 FIRE-FIGHTING PUMP SETS

UNI EN 12845 SET COMPONENTS - ELECTRIC PUMP + JOCKEY PUMP

----- element not supplied in the kit (to be purchased separately)

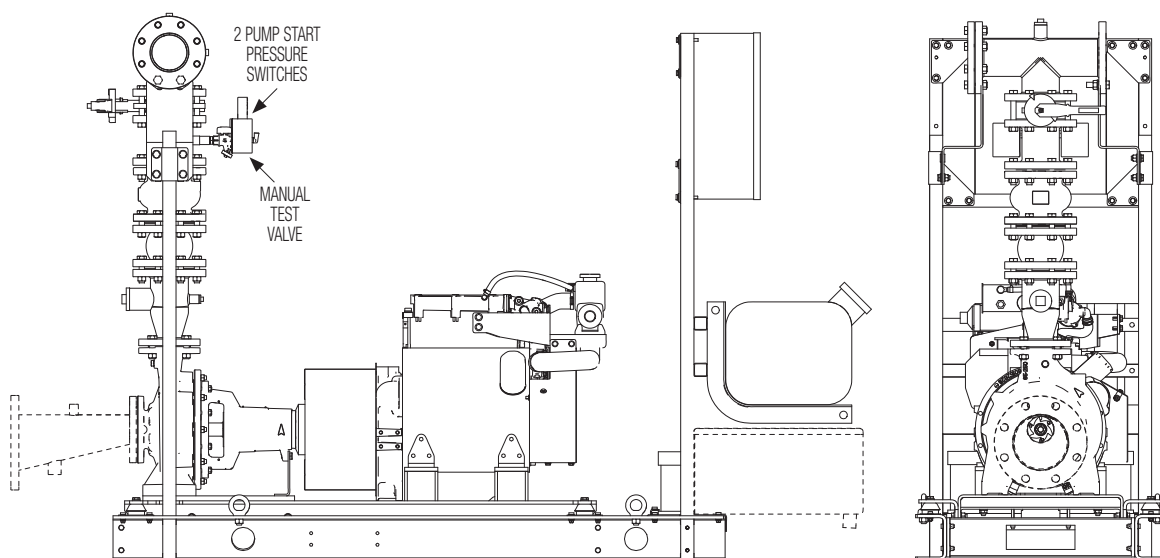
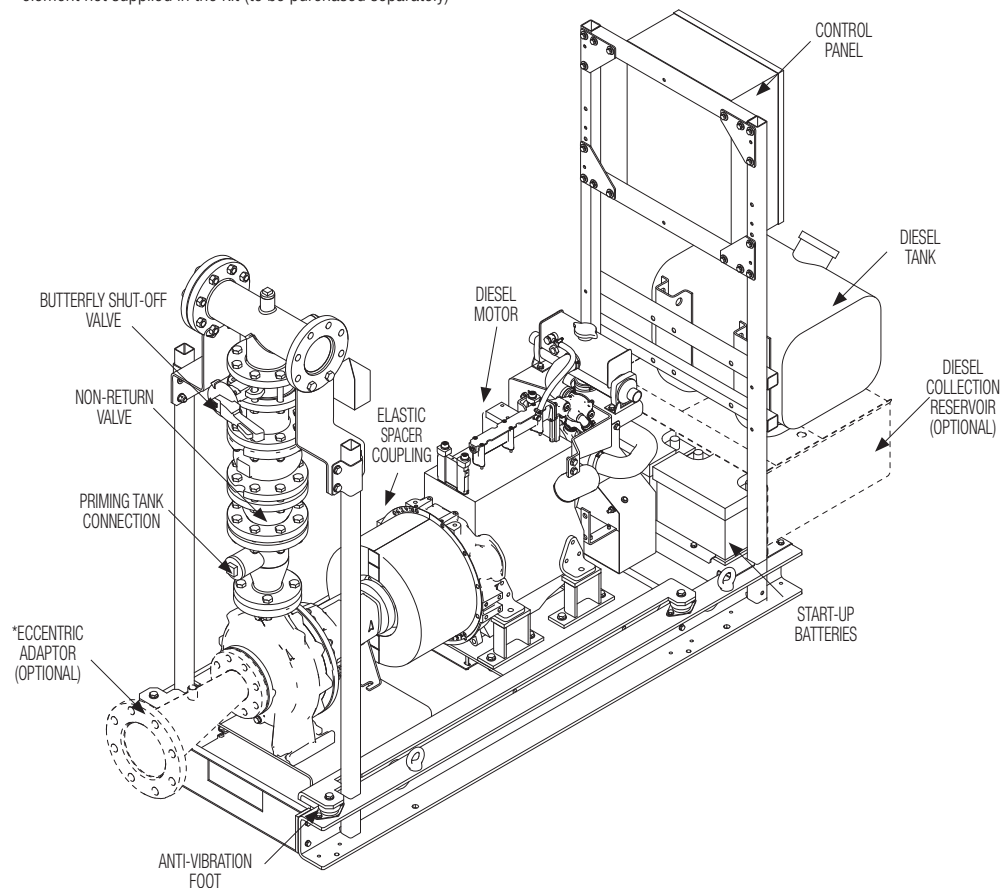


1 KDN COMPACT

UNI EN 12845 FIRE-FIGHTING PUMP SETS

UNI EN 12845 SET COMPONENTS - ENGINE-DRIVEN PUMP SET

----- element not supplied in the kit (to be purchased separately)

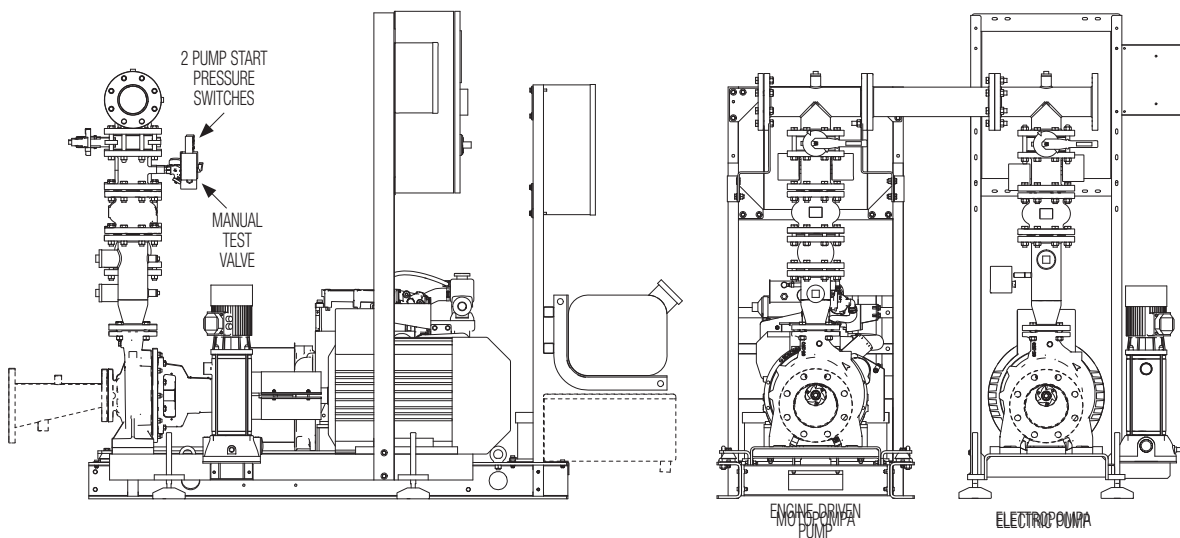
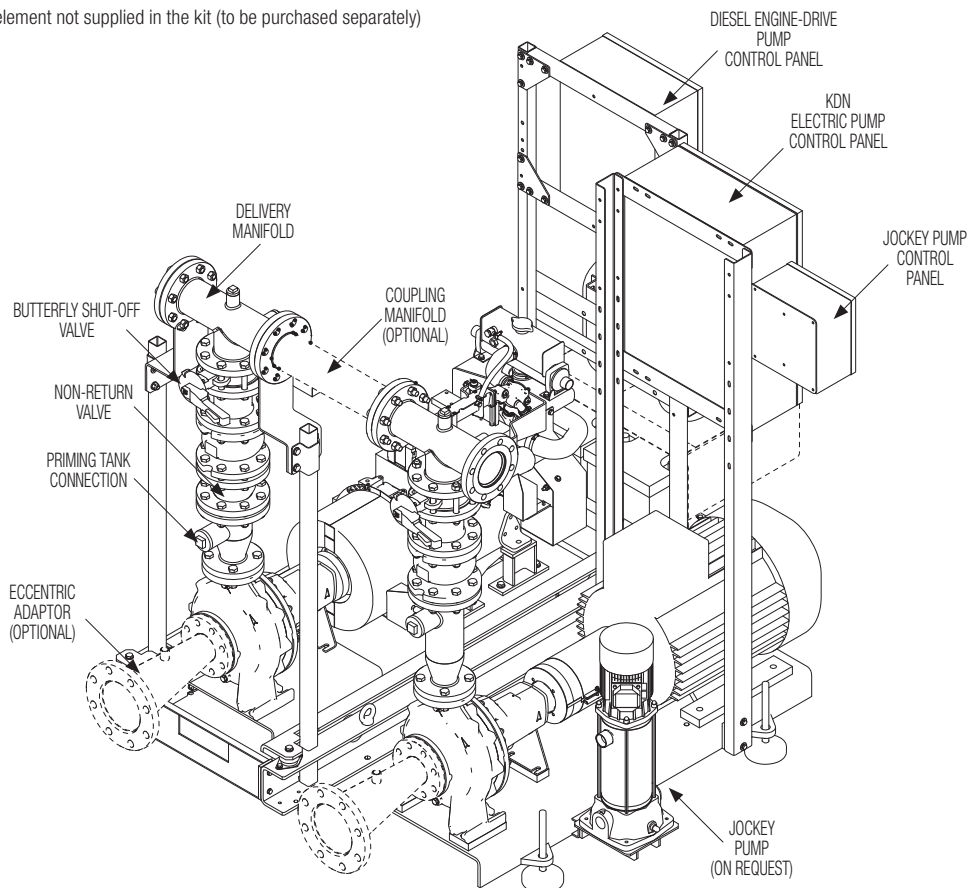


1 KDN COMPACT

UNI EN 12845 FIRE-FIGHTING PUMP SETS

UNI EN 12845 SET COMPONENTS - ELECTRIC PUMP SET + ENGINE-DRIVEN PUMP SET

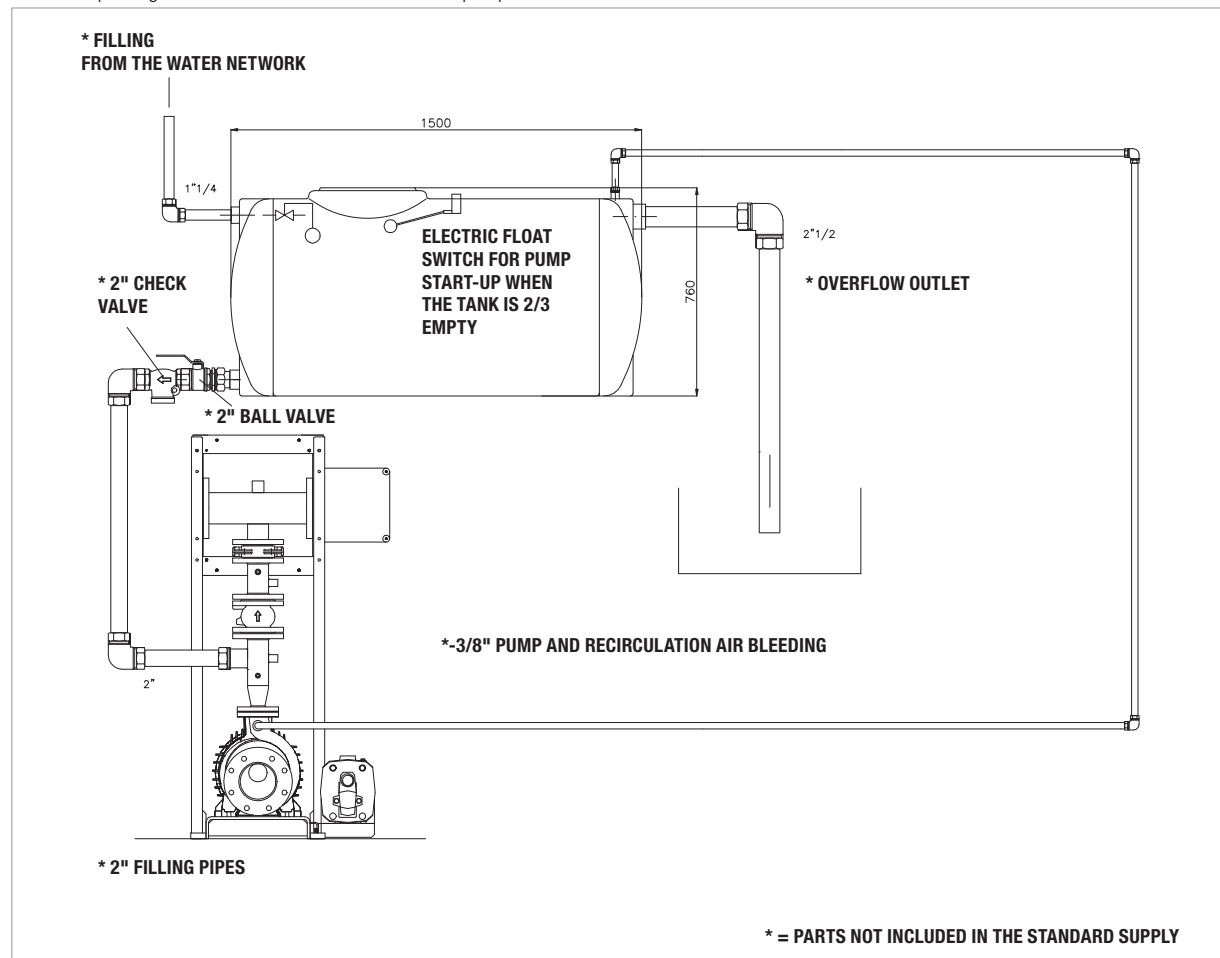
----- element not supplied in the kit (to be purchased separately)



ACCESSORIES

PRIMING TANK FOR POSITIVE SUCTION INSTALLATION

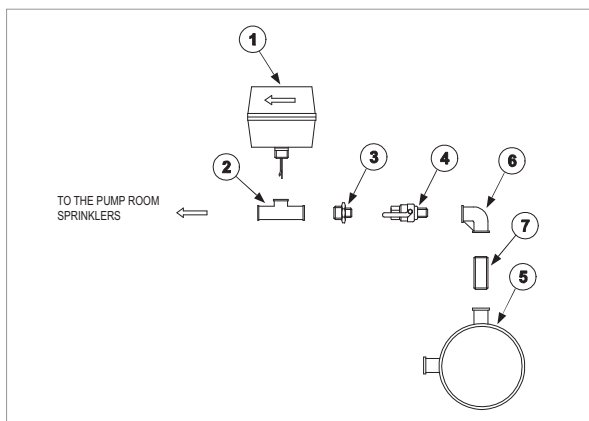
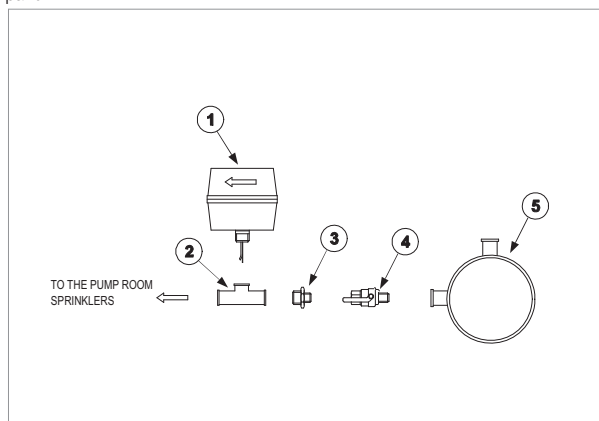
One 500 l priming tank must be installed for each main pump.



FLOW SWITCH KIT

The flow switch detects the activation of the sprinklers of the pump house (UNI EN 12845 10.3.2).

The flow switch kit must be installed on the 1" pipe of the delivery manifold of the DAB fire-fighting pump, and then connected to the CSR-1 alarm control panel.



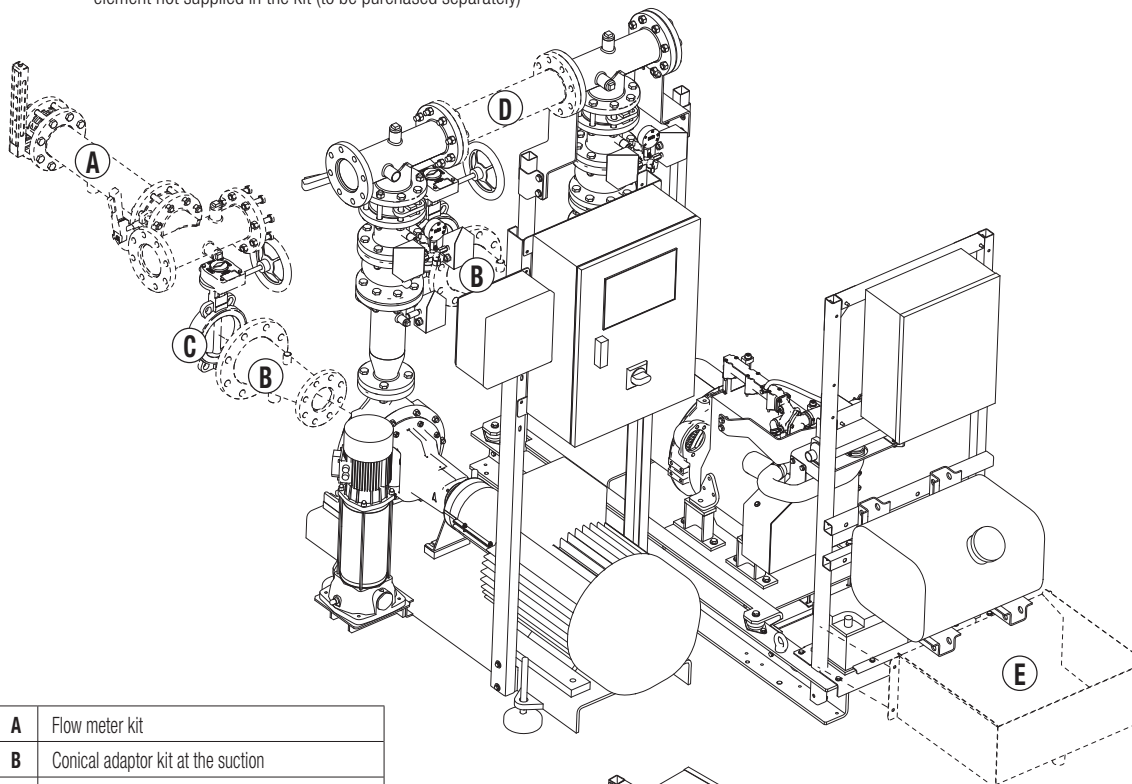
- The flow switch kit must be installed on the 1" pipe of the delivery manifold of the DAB fire-fighting pump. Seal the threads of the various components with Teflon, plumber's hemp, or anaerobic sealing paste.
- The flow switch detects activation of the sprinklers of the pump house as per section 10.3.2 of UNI EN 12845.
- The Normally Open contact of the 1" flow switch must be connected to an alarm device installed in a manned location (e.g. DAB alarm control panel – CSR-1 model, UNI EN 12845).

1 KDN COMPACT

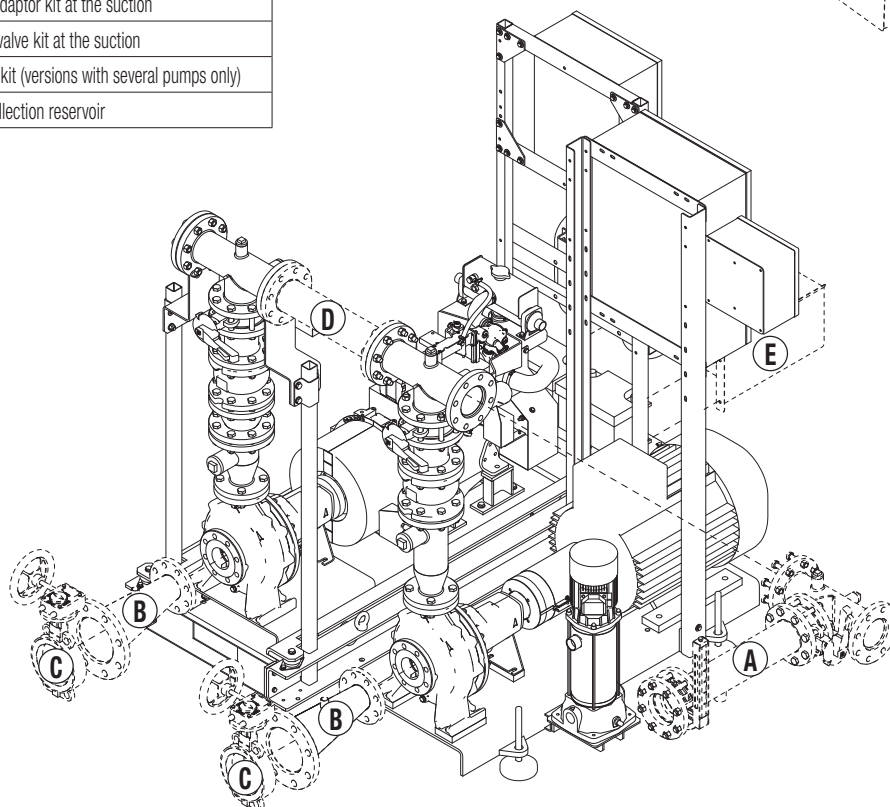
UNI EN 12845 FIRE-FIGHTING PUMP SETS

EXAMPLE OF ASSEMBLY OF UNI EN 12845 SETS - ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP SET

----- element not supplied in the kit (to be purchased separately)



A	Flow meter kit
B	Conical adaptor kit at the suction
C	Shut-off valve kit at the suction
D	Coupling kit (versions with several pumps only)
E	Diesel collection reservoir



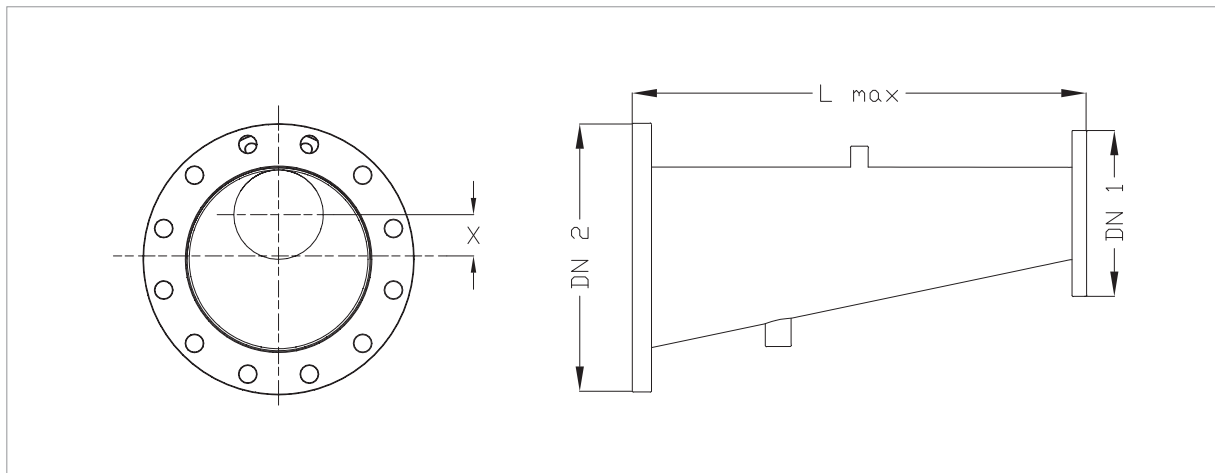
1 KDN COMPACT

UNI EN 12845 FIRE-FIGHTING PUMP SETS

ACCESSORIES

SUCTION KIT

The kit consists of a conical eccentric adaptor, screws and washers. It is required in order to avoid air pockets at the suction, and to keep the water speed below 1,5 m/s, as required by section 10.6.2.3 of UNI EN 12845. No. 1 kit must be installed at the suction of each main pump.



UNI EN 12845 ECCENTRIC SUCTION ADAPTORS					
PUMP MODEL	ADAPTOR MODEL	DN1 – PN 16 PUMP SIDE	DN2 – PN16 SYSTEM SIDE	L (mm)	X (mm)
NKV 10	KIT ASP.NKV10 EN12845 (DN65 - 19°)	DN 40	DN 65*	145	14
NKV 15 – NKV 20 KDN 32	KIT ASP.KDN32/NKV15-20 EN12845(DN80-19°)	DN 50	DN 80	200	14
KDN 40	KIT ASP.KDN40 EN12845 (DN100 - 19°)	DN 65	DN 100	235	19
KDN 50	KIT ASP.KDN50 EN12845 (DN125 - 19°)	DN 65	DN 125	320	32
KDN 65	KIT ASP.KDN65 EN12845 (DN150 - 19°)	DN 80	DN 150	380	40
KDN 80	KIT ASP.KDN80 EN12845 (DN200 - 19°)	DN 100	DN 200	570	52
KDN 100	KIT ASP.KDN100 EN12845 (DN250 - 19°)	DN 125	DN 250	685	67

*The standard requires DN 80 minimum for positive suction installations. In this case contact our sales network.

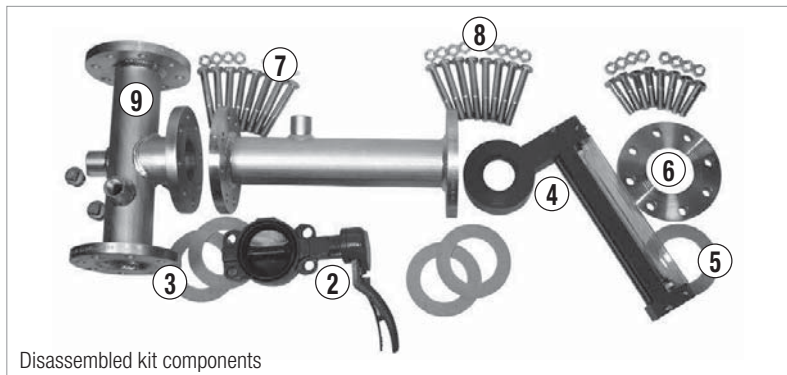
1 KDN COMPACT

UNI EN 12845 FIRE-FIGHTING PUMP SETS

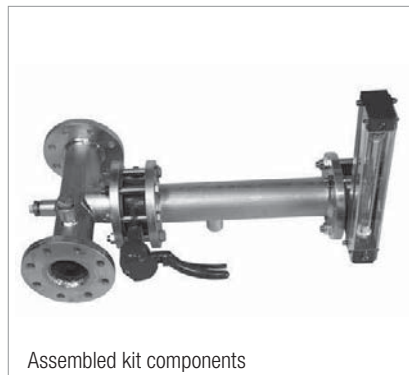
ACCESSORIES

FLOW METER

To be installed on a branch on the delivery manifold. The kits are suitable for both 1-pump and 2-pump sets, and are supplied unassembled.

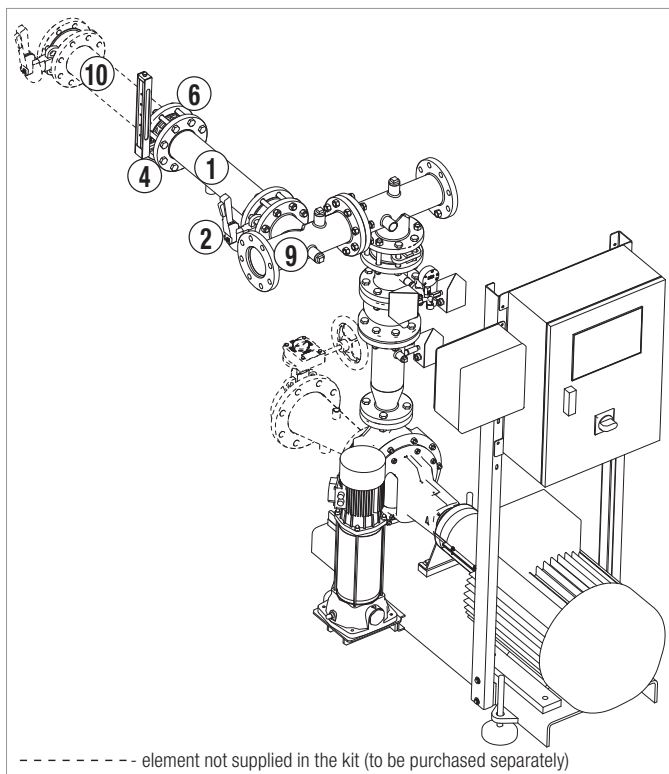


Disassembled kit components

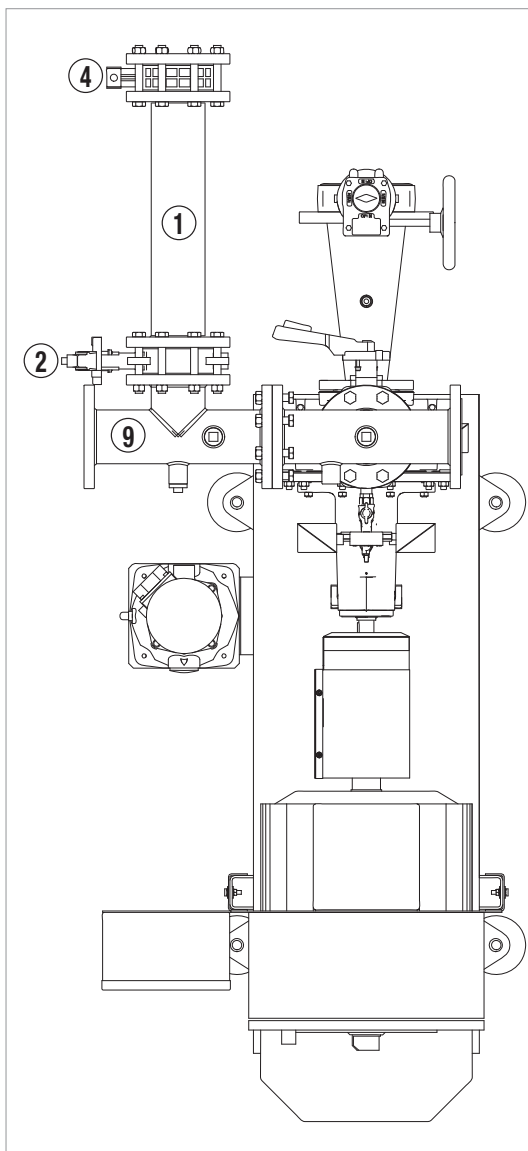


Assembled kit components

ASSEMBLY INDICATIONS FOR UNI EN 12845 1 AND 2 PUMP SETS (EXAMPLE)



1	Flow meter extension
2	Butterfly valve
3	Butterfly valve seal
4	Flow meter - flow rate meter
5	Flow meter seals
6	Counter flanges
7	Fixing screws
8	Nuts
9	Meter adaptor

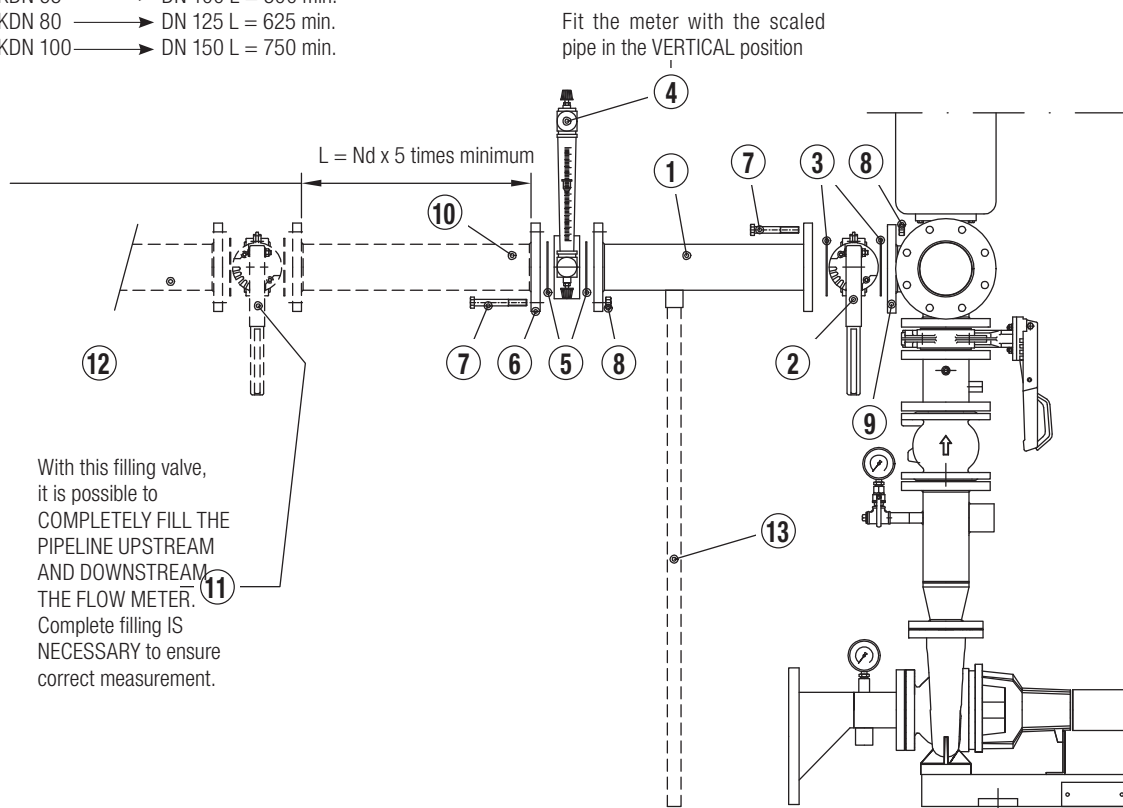


1 KDN COMPACT

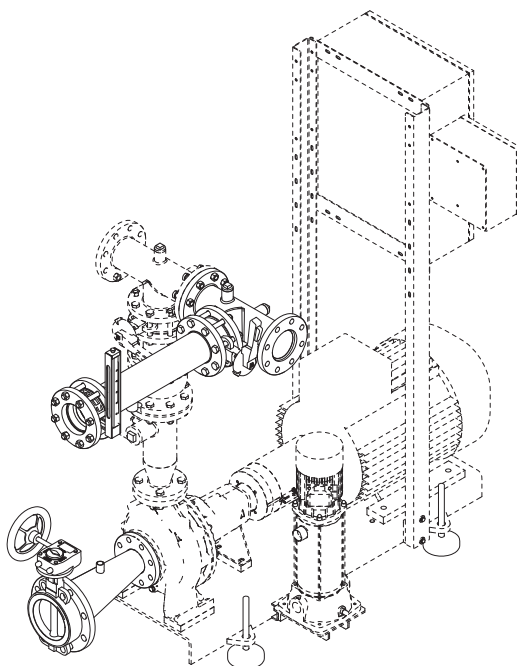
UNI EN 12845 FIRE-FIGHTING PUMP SETS

- 1 KDN 32 → DN 50 L = 250 min.
- 1 KDN 40 → DN 65 L = 325 min.
- 1 KDN 50 → DN 80 L = 400 min.
- 1 KDN 65 → DN 100 L = 500 min.
- 1 KDN 80 → DN 125 L = 625 min.
- 1 KDN 100 → DN 150 L = 750 min.

----- element not supplied in the kit (to be purchased separately)



----- : fire-fighting set



1 KDN COMPACT

UNI EN 12845 FIRE-FIGHTING PUMP SETS



TECHNICAL DATA

Nominal power input voltage: 230 AC +/- 10%

Phases: 1

Frequency: 50-60 Hz

Sound power level: 75 dB A

Absorption: 0,1 Amp

Battery type: 12 V; 2,3 Ah lead battery (Faston output)

Acoustic alarm autonomy in case of power cut: 20 hours

Characteristic features of the serial communication cable:

2 twisted wire shielded cable plus shield, 600 V, class 1, 15-18 AWG. Maximum impedance 120 ohm, maximum capacity 50 pF/m.

Ambient temperature operation limits: -10 °C + 40 °C

Relative humidity: 50 % at 40 °C MAX (90 % at 20 °C) without condensation

Max. altitude: 2500 m (a.s.l.).

Protection class: IP55

Construction: According to UNI EN 12845

ACCESSORY - CSR-1 ALARM CONTROL PANEL

The UNI EN 12845 standard requires that a range of alarms are forwarded to a permanently manned location, inside or outside the building, or to a plant manager.

In order to fulfil this requirement of the UNI EN 12845 standard, it is possible to use the CSR-1 alarm control panel, which notifies the operating conditions of the fire-fighting pump stations by means of an acoustic signal.

The CSR-1 alarm control unit can be connected to the fire-fighting pump station using multi-conductor cables (contact connection), or using a telephone pair (485 serial type connection), to the electric or Diesel engine-driven pump control panels.

One single CSR-1 can control one or both pumps, electric or Diesel, in the various required configurations.

FUNCTIONS

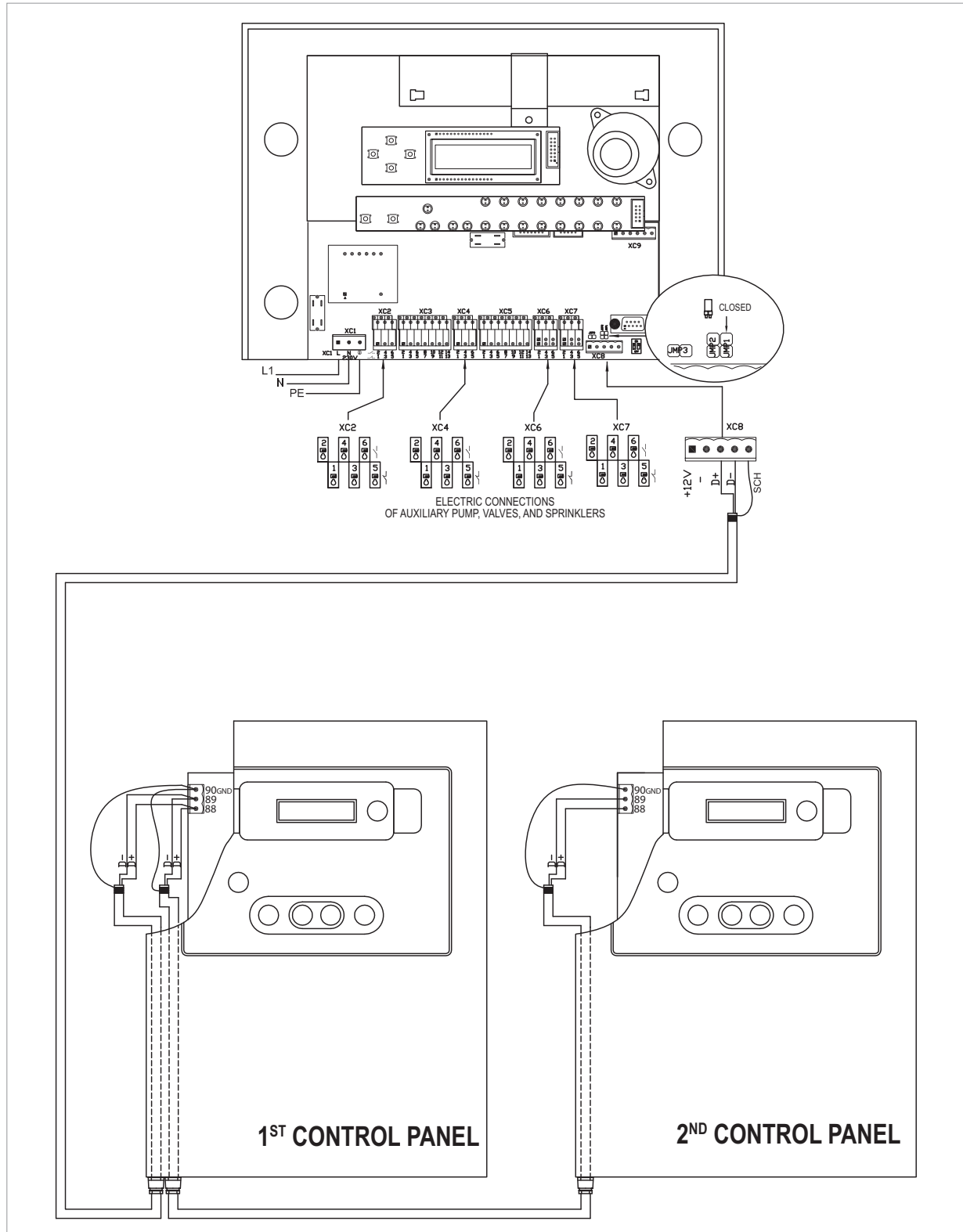
The control unit controls and notifies, using a 2x16 character display - visually by means of LEDs, and acoustically by means of a buzzer -, the operating conditions of the pump sets in the different installation solutions:

- system for one electric pump,
- system for two electric pumps,
- system for electric pump and Diesel pump,
- system for Diesel pump,
- system for two Diesel pumps.

The CSR-1 is a necessary accessory for the supervision of remote alarms, and guarantees autonomy of at least 20 hours as far as the operation of the alarms in case of power cuts from the electricity network. It is also possible to connect a GSM Modem (optional) in order to display alarms on a mobile phone, receiving system status SMS messages.

It is possible to remotely forward a cumulative signal of all the alarms using one output (XC9) with clean contact (without voltage) with remote silencing.

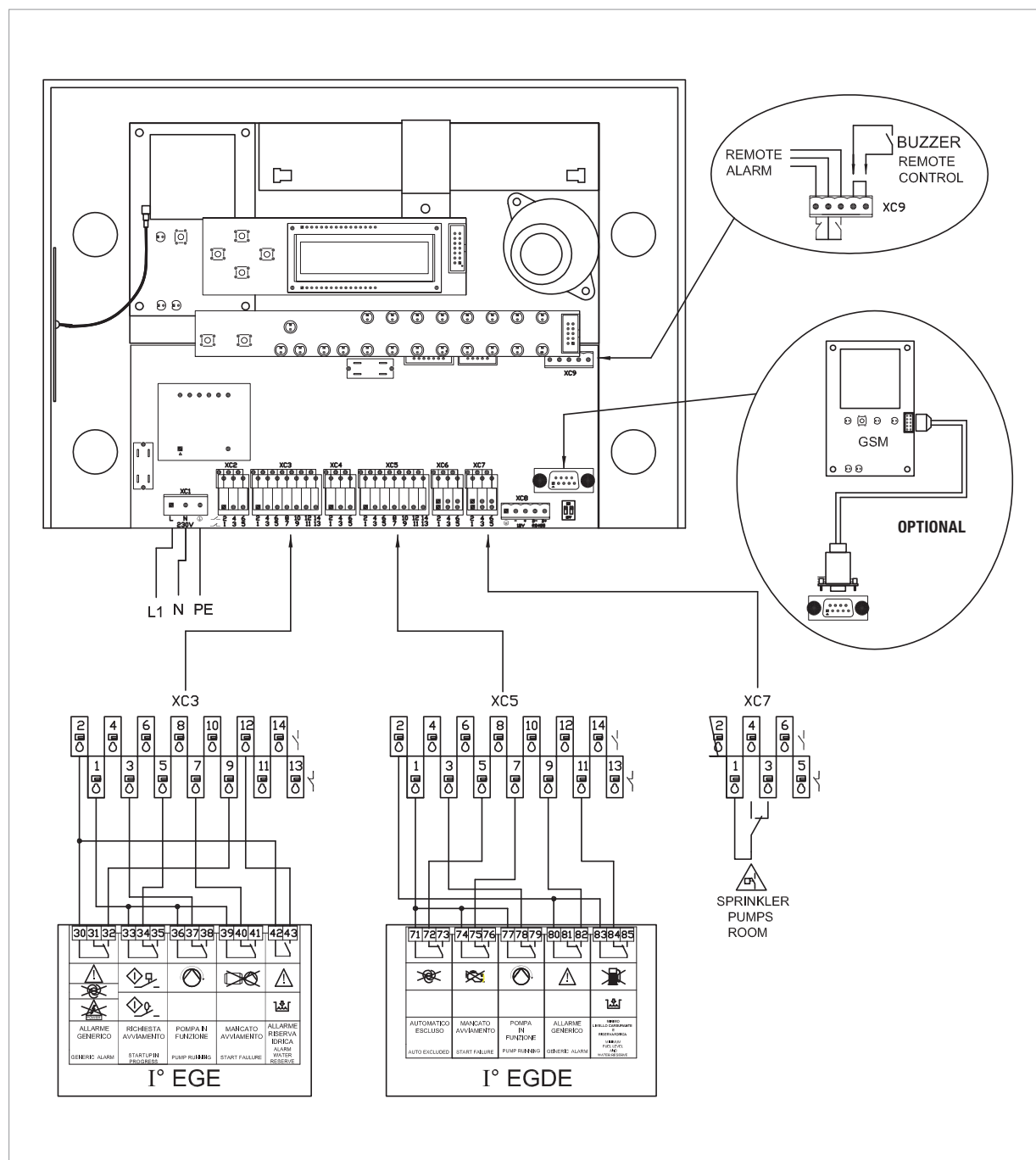
DIAGRAM FOR SERIAL CONNECTION OF THE CSR-1 TO THE ELECTRIC AND DIESEL PUMP CONTROL PANELS



1 KDN COMPACT

UNI EN 12845 FIRE-FIGHTING PUMP SETS

DIAGRAM FOR CONTACT CONNECTION OF THE CSR-1 TO THE ELECTRIC AND DIESEL PUMP CONTROL PANELS



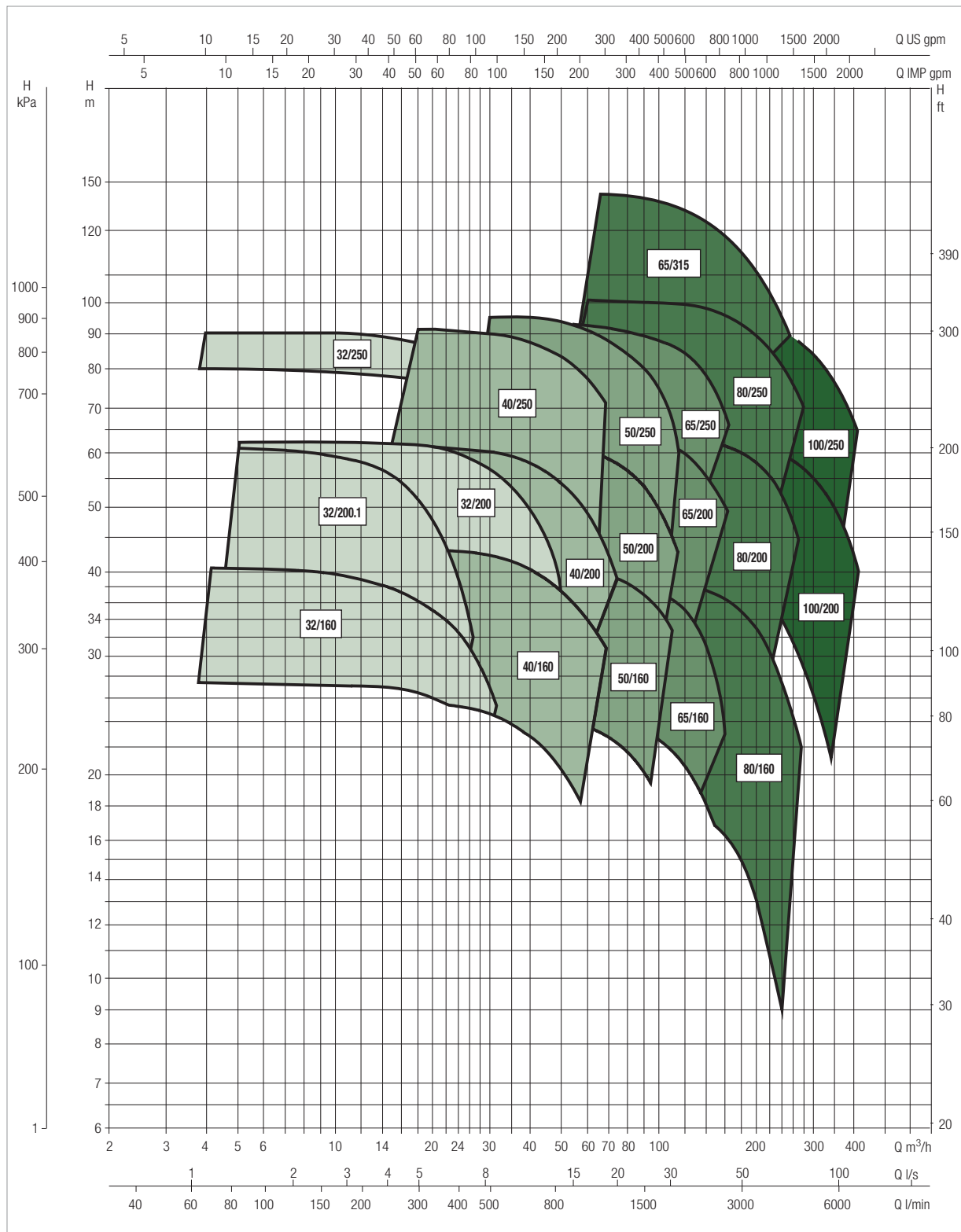
1 KDN COMPACT

UNI EN 12845 FIRE-FIGHTING PUMP SETS

PERFORMANCE RANGE

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

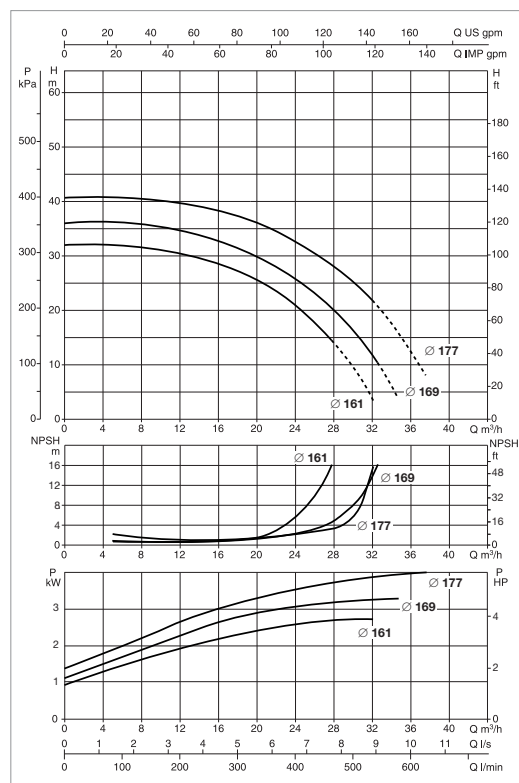
GRAPHIC SELECTION TABLE



For higher performances contact our sales team

1 KDN 32-160.1/161-169-177 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from 0°C to +70°C - Maximum ambient temperature: from +4°C to +40°C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1KDN 32-160.1/161 3	3x400 V ~	JET 251 T	3	1,85	5,9	KDN32 EN 12845
1KDN 32-160.1/169 4	3x400 V ~	JET 251 T	4	1,85	8,1	KDN 32 EN 12845
1KDN 32-160.1/177 5,5	3x400 V ~	JET 251 T	5,5	1,85	10,4	KDN 32 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

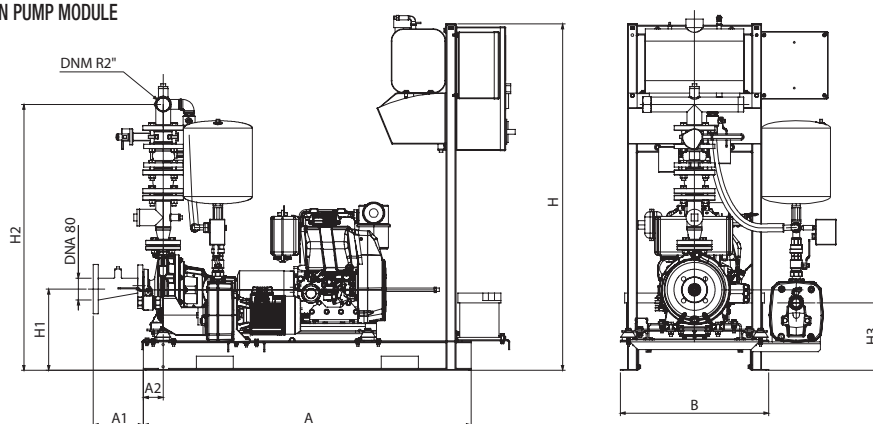
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1KDN 32-160.1/161 MD	3x230 / 400 V ~	JET 251 T	7,1	1,85	KDN32 EN 12845	0,22 m²
1KDN 32-160.1/169 MD	3x230 / 400 V ~	JET 251 T	7,1	1,85	KDN32 EN 12845	0,22 m²
1KDN 32-160.1/177 MD	3x230 / 400 V ~	JET 251 T	7,1	1,85	KDN32 EN 12845	0,22 m²

* Jockey pump on request.

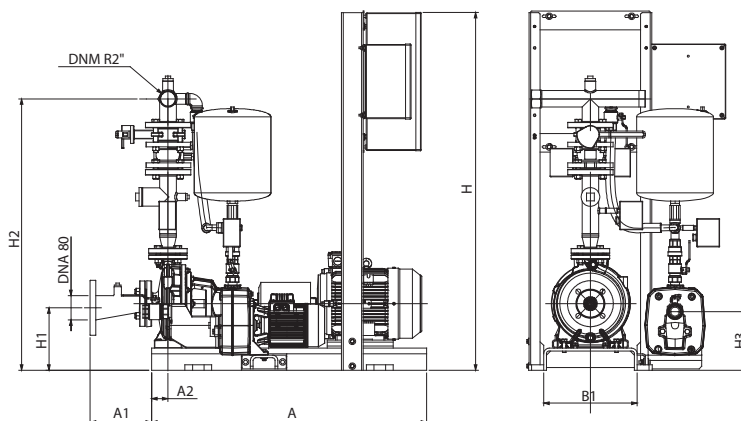
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE

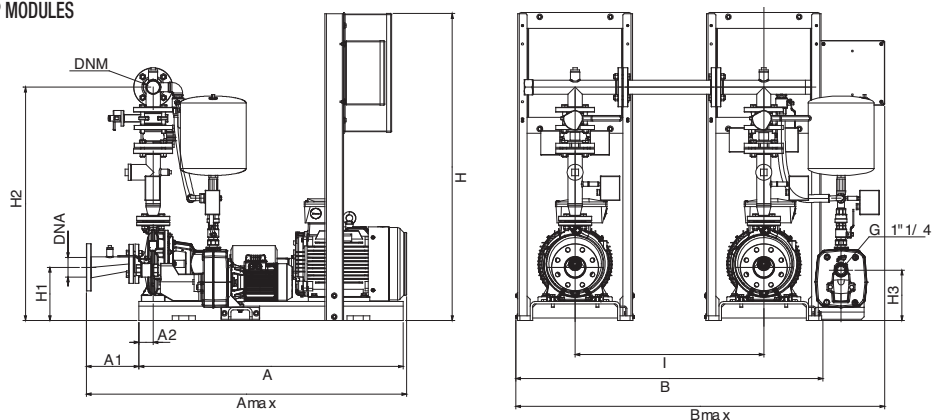


ELECTRIC PUMP MODULE

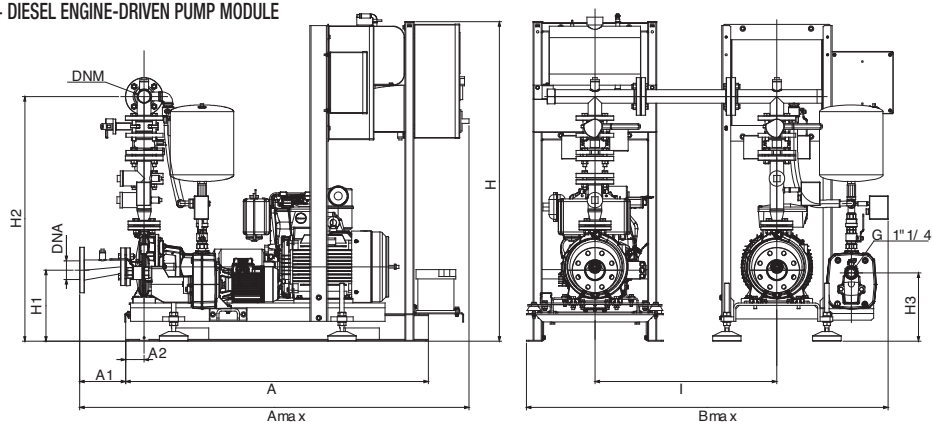


1 KDN 32-160.1/161-169-177 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

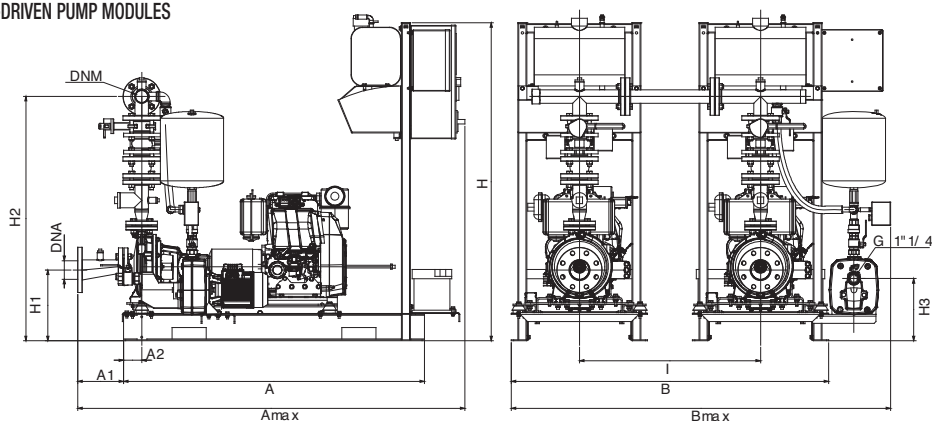
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



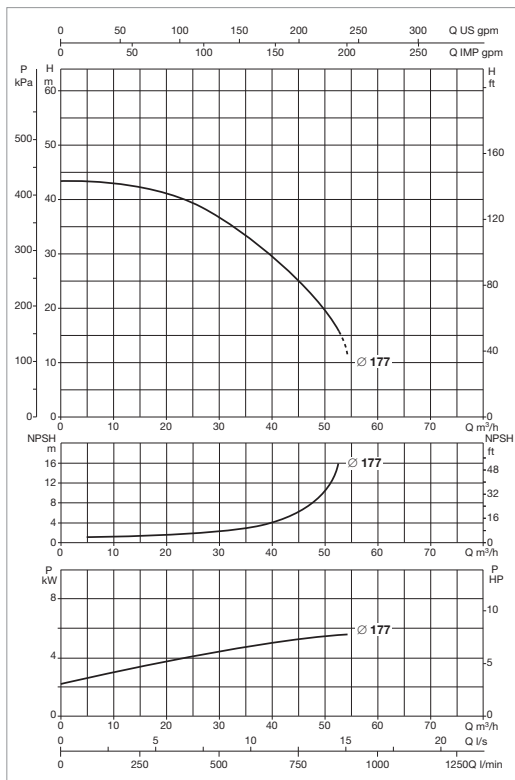
2 DIESEL ENGINE-DRIVEN PUMP MODULES



MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1KDN 32-160.1/161-169-177 - DIESEL ENGINE DRIVEN PUMP MODULE	1330	203	81	1711	602	-	876	876	876	1031	274	-	80	2"	342	382
1KDN 32-160.1/161-169-177 - ELECTRIC PUMP MODULE	1000	223	60	1223	462	340	723	1300	197	937	213	-	80	2"	274	314
1KDN 32-160.1/161-169-177 - 2 ELECTRIC PUMP MODULES	1000	223	60	1223	1324	-	1585	1300	197	937	213	-	80	2"	548	588
1KDN 32-160.1/161-169-177 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1330	203	81	1711	1604	-	1878	1405	277	1031	274	800	80	2"	616	656
1KDN 32-160.1/161-169-177 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1330	203	81	1711	274	-	274	1405	277	1031	274	800	80	2"	684	724

1 KDN 32-160/177 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from 0°C to +70°C - Maximum ambient temperature: from +4°C to +40°C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1KDN 32-160/177 5,5	3x400 V ~	JET 251 T	5,5	1,85	10,4	KDN 32 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

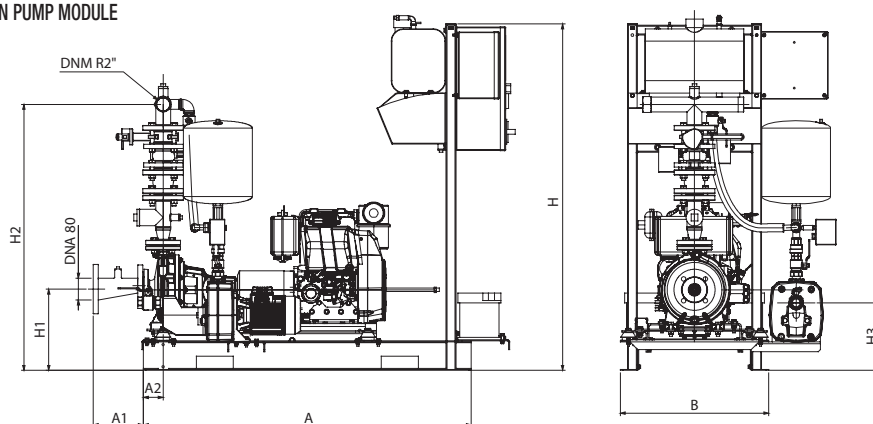
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1KDN 32-160/177 MD	3x230 / 400 V ~	JET 251 T	7,1	1,85	KDN32 EN 12845	0,22 m²

* Jockey pump on request.

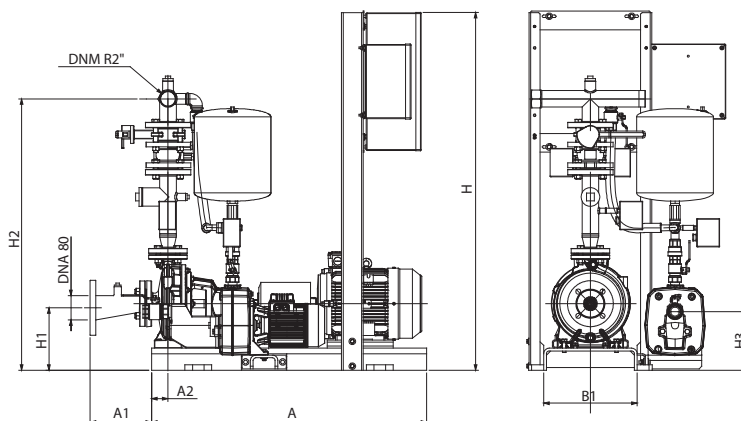
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE

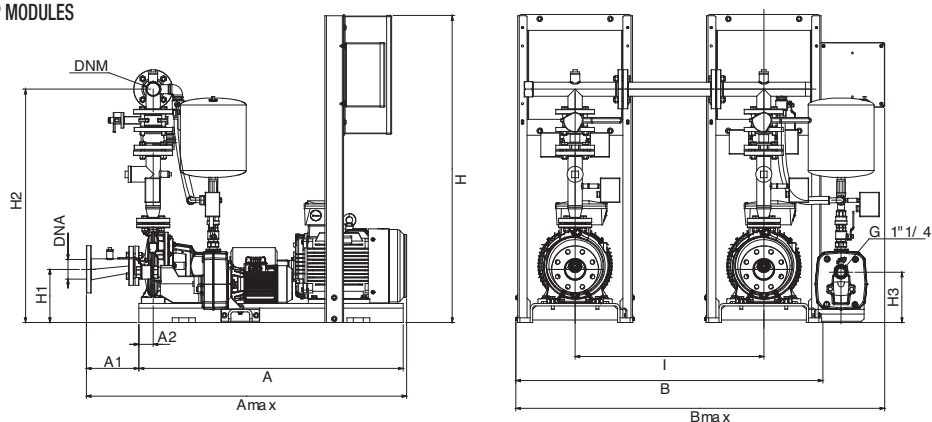


ELECTRIC PUMP MODULE

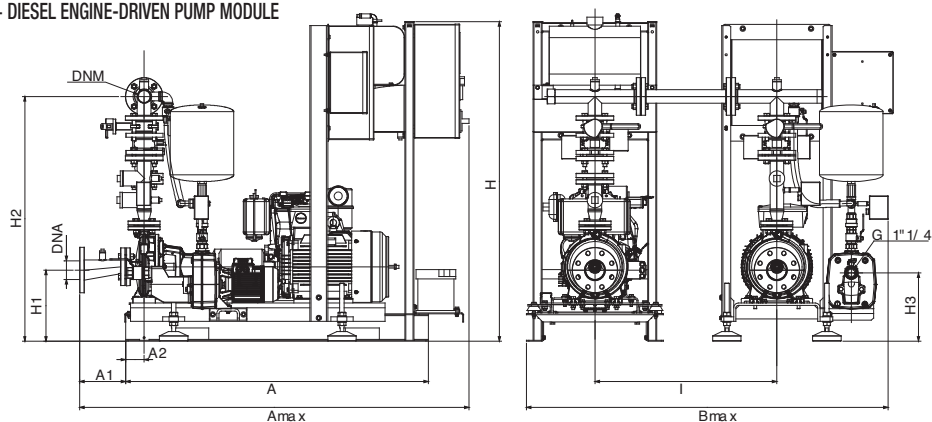


1 KDN 32-160/177 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

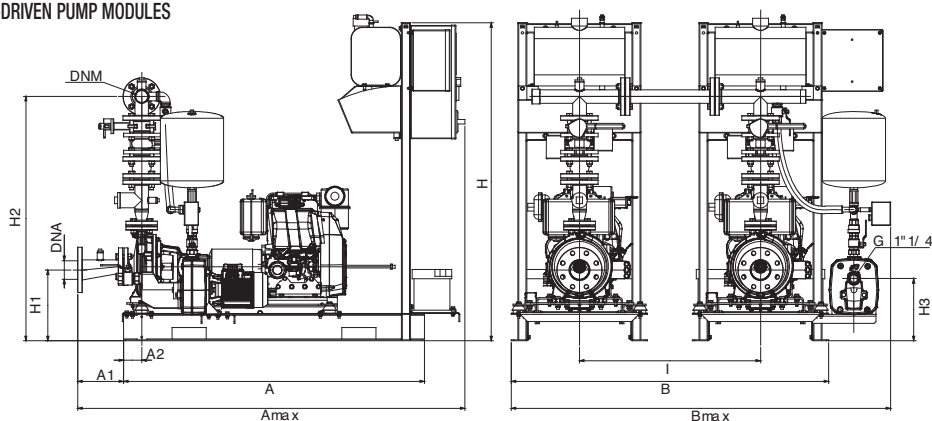
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



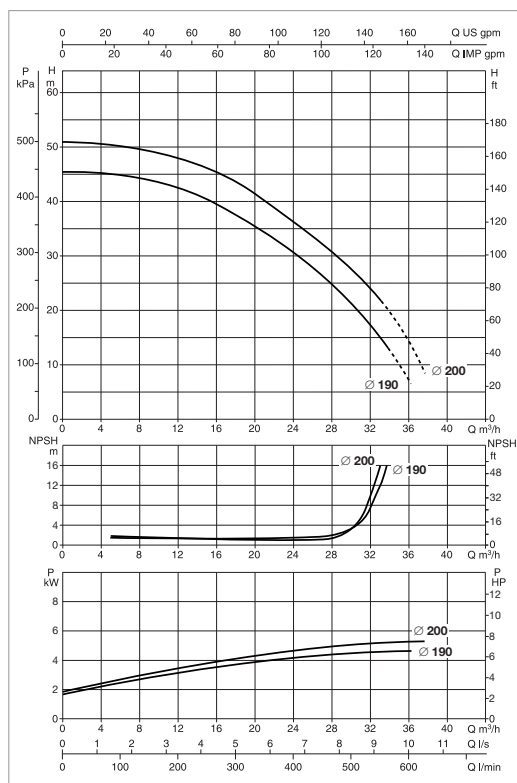
2 DIESEL ENGINE-DRIVEN PUMP MODULES



MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1KDN 32-160/177 - DIESEL ENGINE DRIVEN PUMP MODULE	1330	203	81	1711	602	-	876	1405	284	1031	274	-	80	2"	342	382
1KDN 32-160/177 - ELECTRIC PUMP MODULE	1000	223	60	1223	462	340	723	1301	197	937	213	-	80	2"	284	324
1KDN 32-160/177 - 2 ELECTRIC PUMP MODULES	1000	223	60	1223	1324	-	1585	1301	197	937	213	-	80	2"	568	608
1KDN 32-160/177 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1330	203	81	1711	1318	-	1878	1405	284	1031	274	-	80	2"	626	666
1KDN 32-160/177 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1330	203	81	1711	1604	-	1878	1405	284	1031	274	-	80	2"	684	724

1 KDN 32-200.1/190-200 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from 0°C to +70°C - Maximum ambient temperature: from +4°C to +40°C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP kW	P2 JOCKEY PUMP kW	In A	METER KIT
1KDN 32-200.1/190 5,5	3x400 V ~	JET 251 T	5,5	1,85	10,4	KDN32 EN 12845
1KDN 32-200.1/200 5,5	3x400 V ~	JET 251 T	5,5	1,85	10,4	KDN 32 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

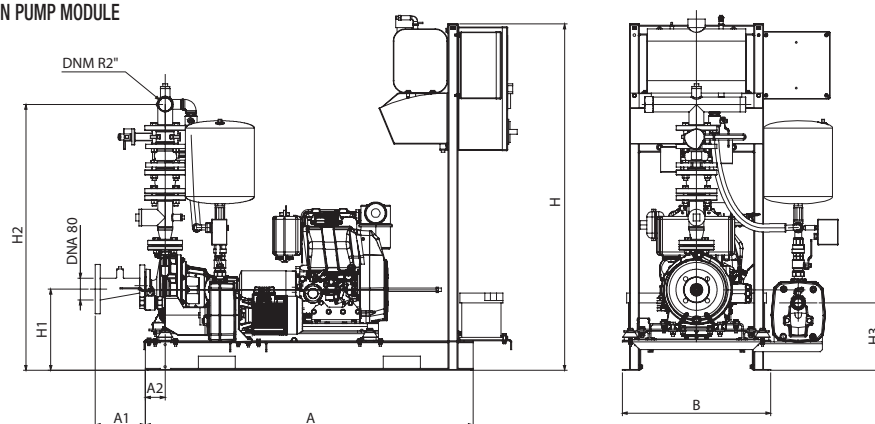
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP kW	P2 JOCKEY PUMP kW	METER KIT	FAN SURFACE
1KDN 32-200.1/190 MD	3x230 / 400 V ~	JET 251 T	7,1	1,85	KDN32 EN 12845	0,22 m²
1KDN 32-200.1/200 MD	3x230 / 400 V ~	JET 251 T	7,1	1,85	KDN32 EN 12845	0,22 m²

* Jockey pump on request.

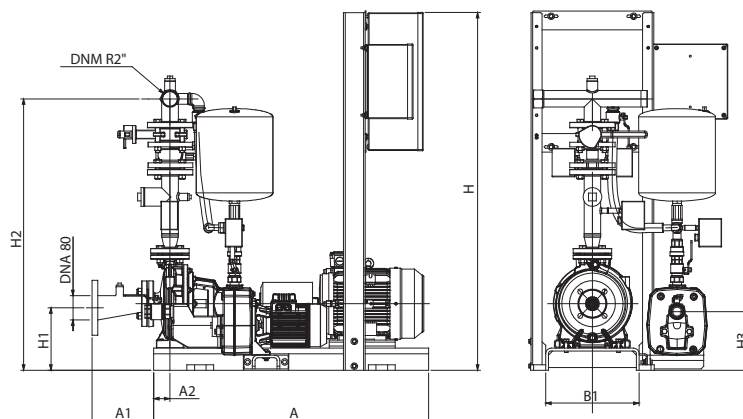
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE

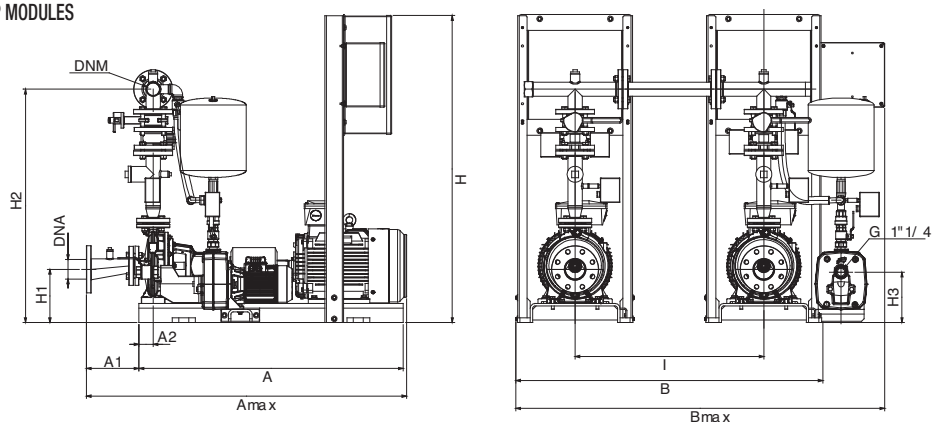


ELECTRIC PUMP MODULE

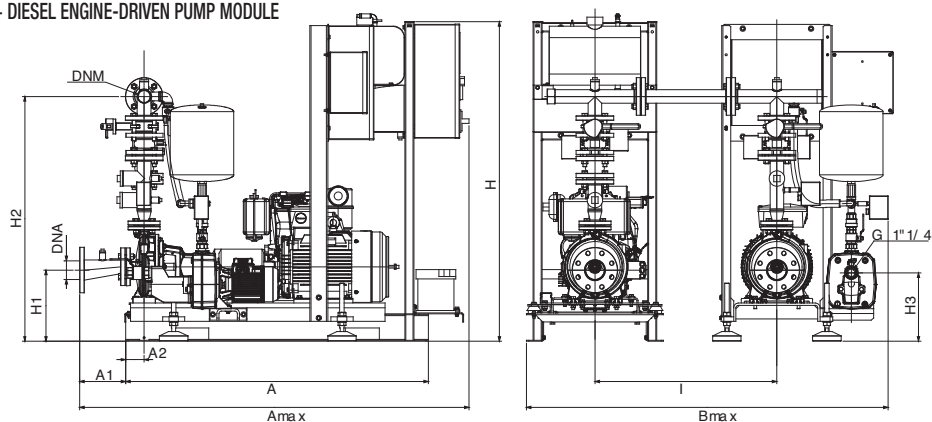


1 KDN 32-200.1/190-200 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

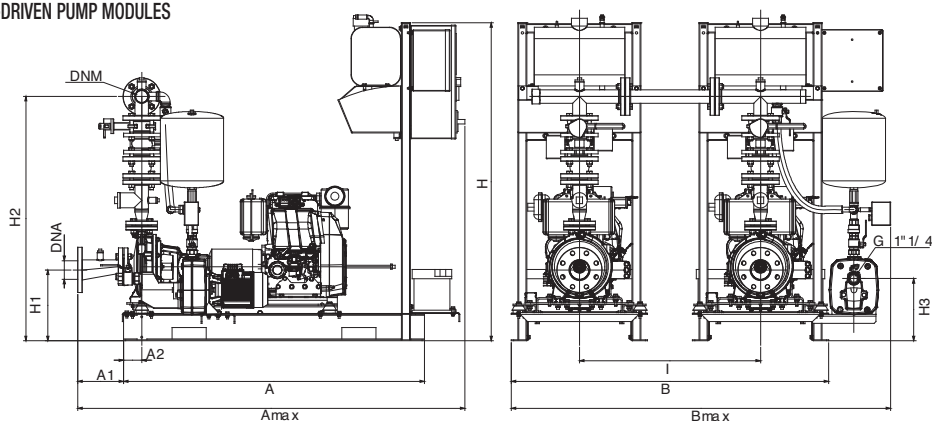
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



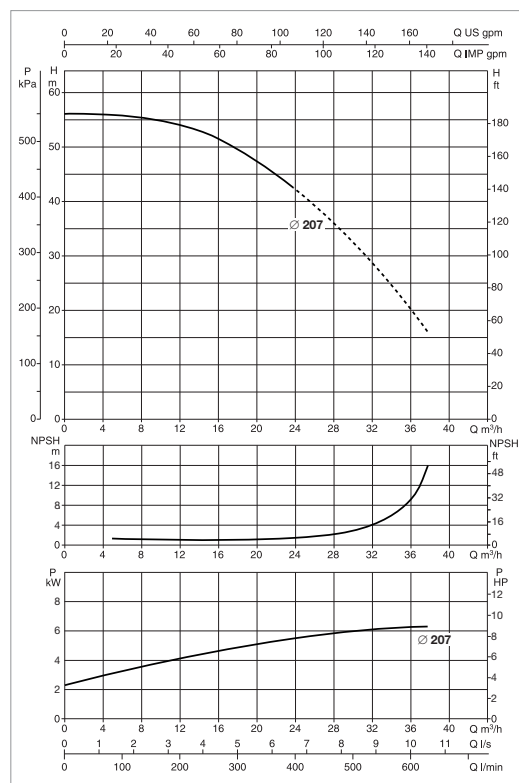
2 DIESEL ENGINE-DRIVEN PUMP MODULES



MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1KDN 32-200.1/190-200 - DIESEL ENGINE DRIVEN PUMP MODULE	1330	202	81	1711	602	-	876	1405	330	1079	274	-	80	2"	369	409
1KDN 32-200.1/190-200 - ELECTRIC PUMP MODULE	1000	223	60	1223	462	340	723	1301	227	989	213	-	80	2"	310	350
1KDN 32-200.1/190-200 - 2 ELECTRIC PUMP MODULES	1000	223	60	1223	1324	-	1585	1301	227	989	213	800	80	2"	620	660
1KDN 32-200.1/190-200 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1330	202	81	1711	1604	-	1878	1405	330	1079	274	800	80	2"	679	719
1KDN 32-200.1/190-200 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1330	202	81	1711	1604	-	1878	1405	330	1079	274	800	80	2"	738	778

1 KDN 32-200.1/207- UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 32-200.1/207 7,5	3x400 V ~	JET 251 T	7,5	1,85	13,4	KDN 32 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

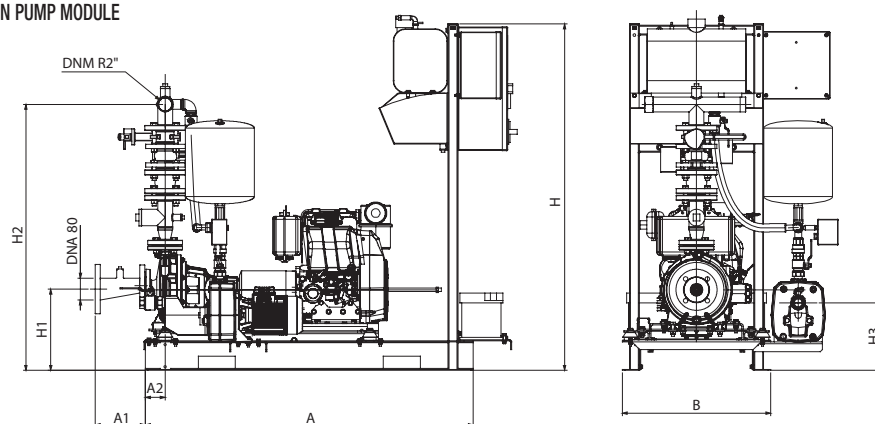
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 32-200.1/207 MD	3x230-400 V ~	JET 251 T	7,1	1,85	KDN 32 EN 12845	0,22 m²

* Jockey pump on request.

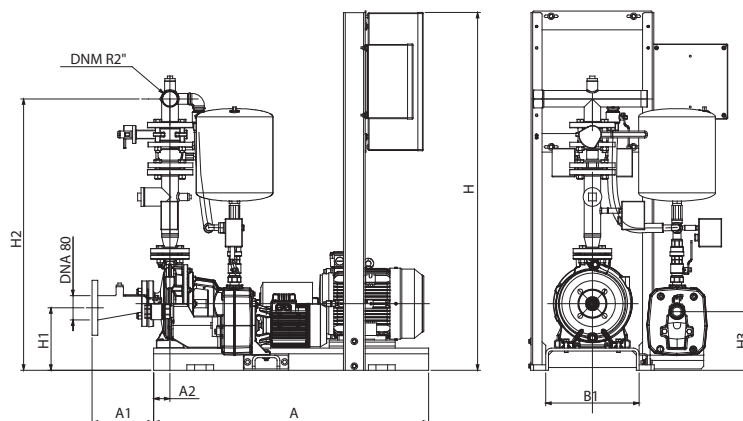
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE

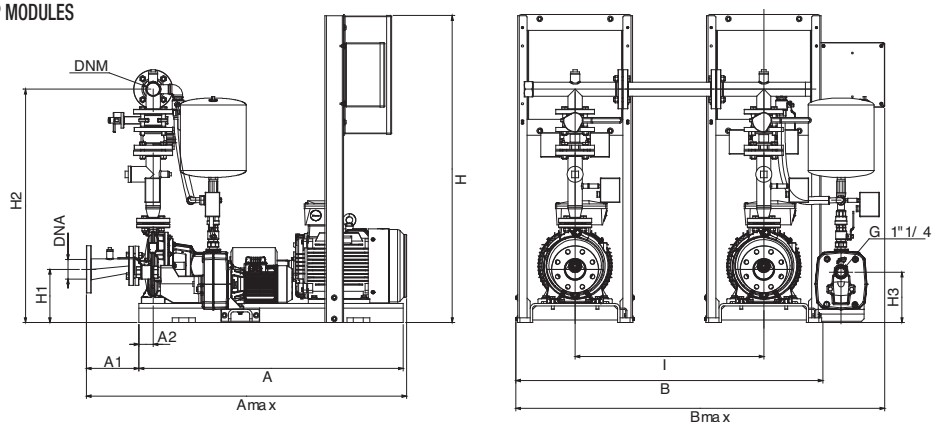


ELECTRIC PUMP MODULE

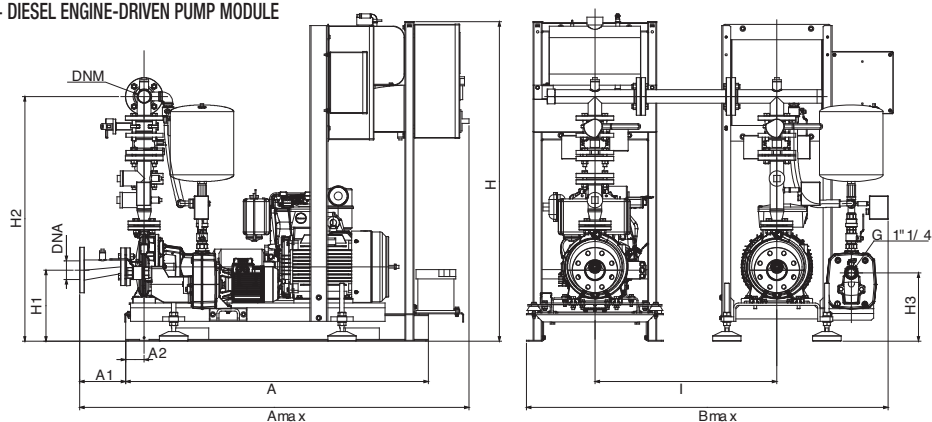


1 KDN 32-200.1/207 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

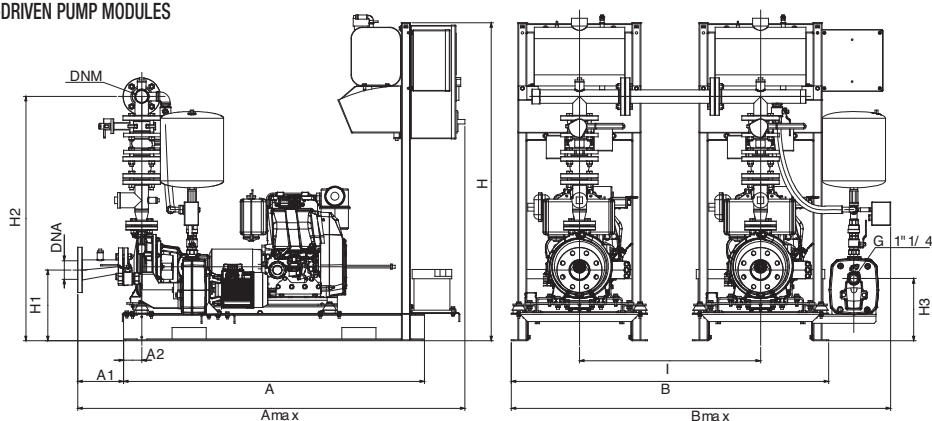
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



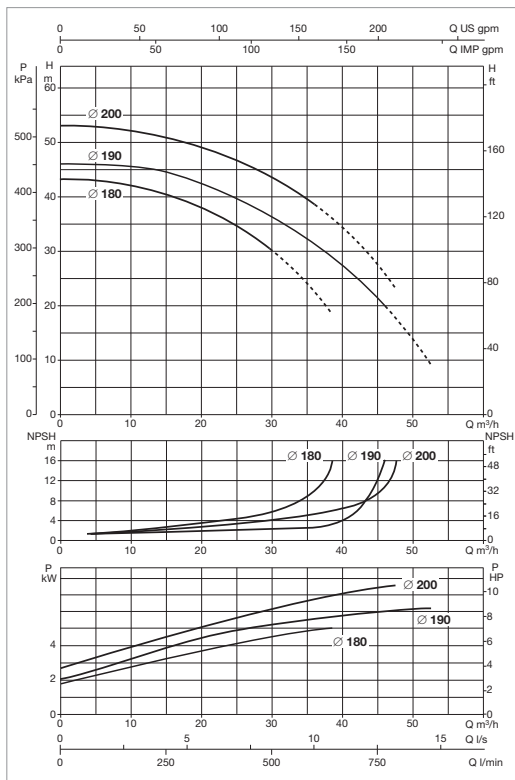
2 DIESEL ENGINE-DRIVEN PUMP MODULES



MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 32-200.1/207 - DIESEL ENGINE DRIVEN PUMP MODULE	1330	202	81	1711	1604	1878	-	1405	330	1079	274	-	80	2"	369	409
1 KDN 32-200.1/207 - ELECTRIC PUMP MODULE	1000	223	60	1223	462	340	723	1301	227	989	213	-	80	2"	315	355
1 KDN 32-200.1/207 - 2 ELECTRIC PUMP MODULES	1000	223	60	1223	1324	-	1585	1301	227	989	213	800	80	2"	630	670
1 KDN 32-200.1/207 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1330	202	81	1711	1604	-	1878	1405	330	1079	274	800	80	2"	684	724
1 KDN 32-200.1/207 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1330	202	81	1711	1604	-	1878	1405	330	1079	274	800	80	2"	738	778

1 KDN 32-200/180-190-200 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 32-200/180 5,5	3x400 V ~	JET 251 T	5,5	1,85	10,4	KDN 32 EN 12845
1 KDN 32-200/190 7,5	3x400 V ~	JET 251 T	7,5	1,85	13,4	KDN 32 EN 12845
1 KDN 32-200/200 7,5	3x400 V ~	JET 251 T	7,5	1,85	13,4	KDN 32 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

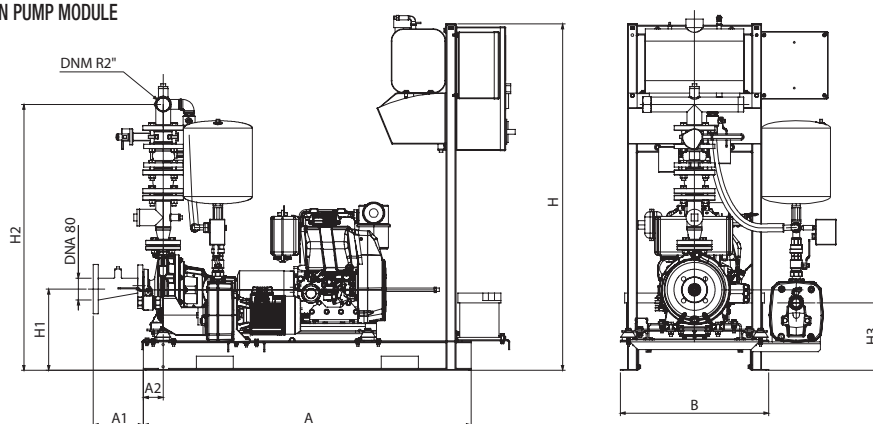
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 32-200/180 MD	3x230-400 V ~	JET 251 T	7,1	1,85	KDN 32 EN 12845	0,22 m²
1 KDN 32-200/190 MD	3x230-400 V ~	JET 251 T	7,1	1,85	KDN 32 EN 12845	0,22 m²
1 KDN 32-200/200 MD	3x230-400 V ~	JET 251 T	7,1	1,85	KDN 32 EN 12845	0,22 m²

* Jockey pump on request.

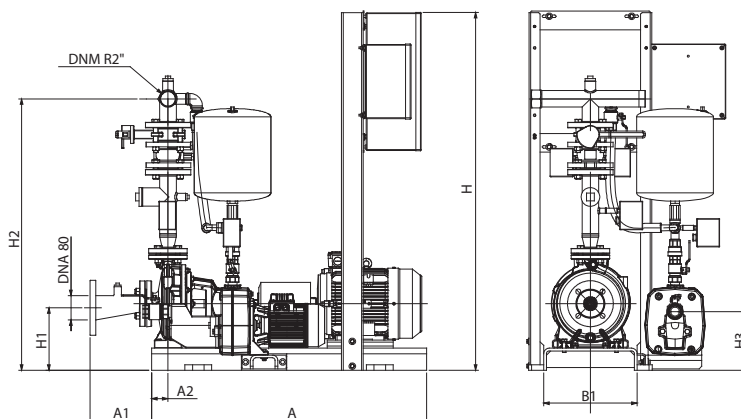
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE

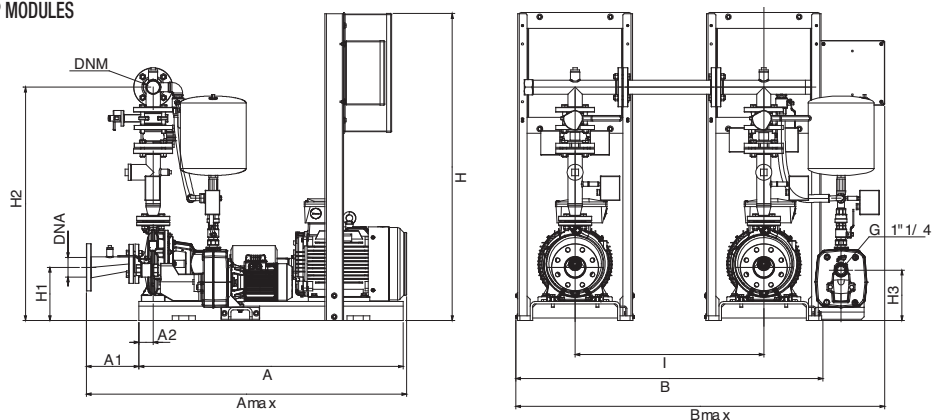


ELECTRIC PUMP MODULE

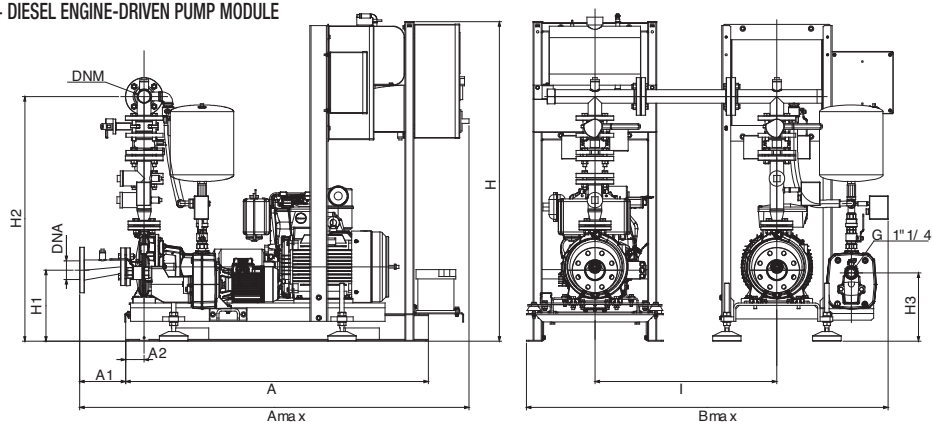


1 KDN 32-200/180-190-200 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

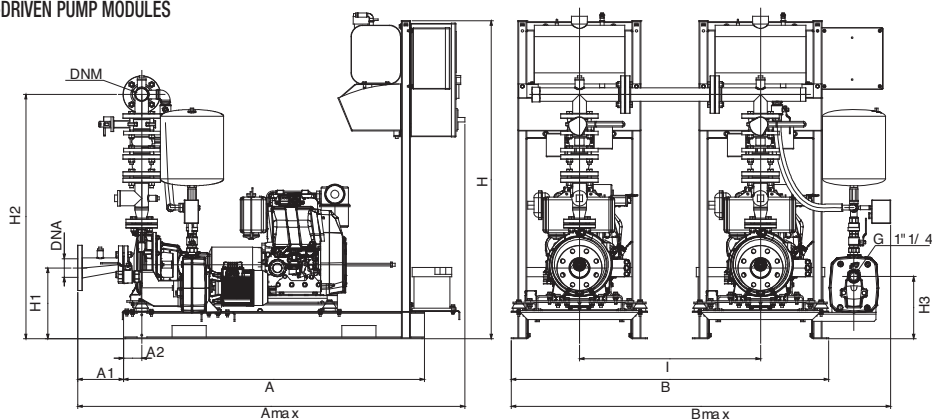
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



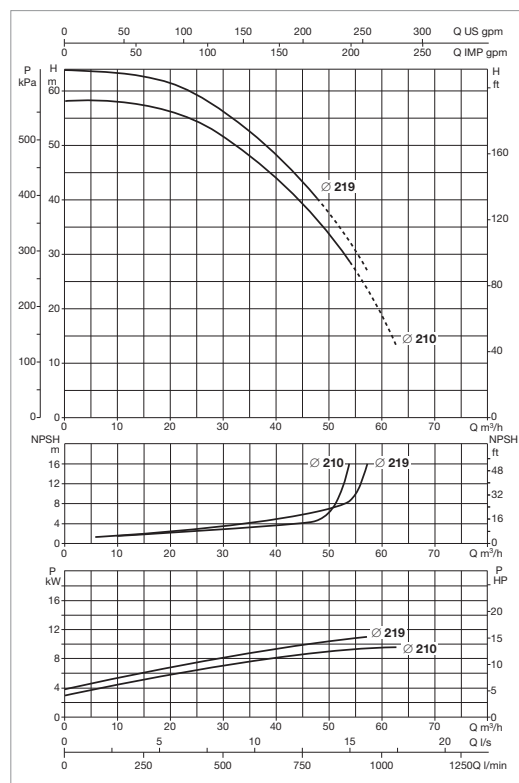
2 DIESEL ENGINE-DRIVEN PUMP MODULES



MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 32-200/180-190-200 - DIESEL ENGINE DRIVEN PUMP MODULE	1330	202	81	1711	602	-	876	1405	330	1079	274	-	80	2"	334	374
1 KDN 32-200/180-190-200 - ELECTRIC PUMP MODULE	1000	223	60	1223	462	340	723	1301	227	987	213	-	80	2"	305	315
1 KDN 32-200/180-190-200 - 2 ELECTRIC PUMP MODULES	1000	223	60	1223	1324	-	1585	1301	227	987	213	800	80	2"	610	620
1 KDN 32-200/180-190-200 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1330	202	81	1711	1604	-	1878	1405	330	1079	274	800	80	2"	639	649
1 KDN 32-200/180-190-200 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1330	202	81	1711	1604	-	1878	1405	330	1079	274	800	80	2"	668	708

1 KDN 32-200/210-219 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 32-200/210 11	3x400 V ~	JET 251 T	11	1,85	19,4	KDN 32 EN 12845
1 KDN 32-200/219 11	3x400 V ~	JET 251 T	11	1,85	19,4	KDN 32 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

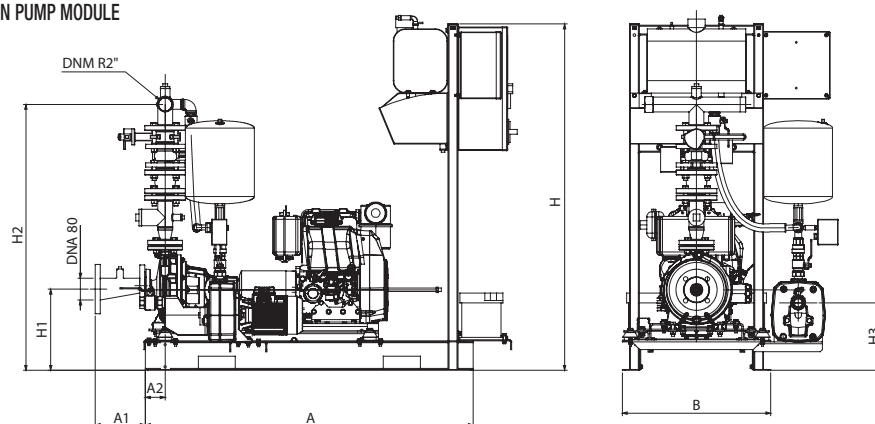
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 32-200/210 11	3x230-400 V ~	JET 251 T	11	1,85	KDN 32 EN 12845	0,22 m²
1 KDN 32-200/219 MD	3x230-400 V ~	JET 251 T	11	1,85	KDN 32 EN 12845	0,22 m²

* Jockey pump on request.

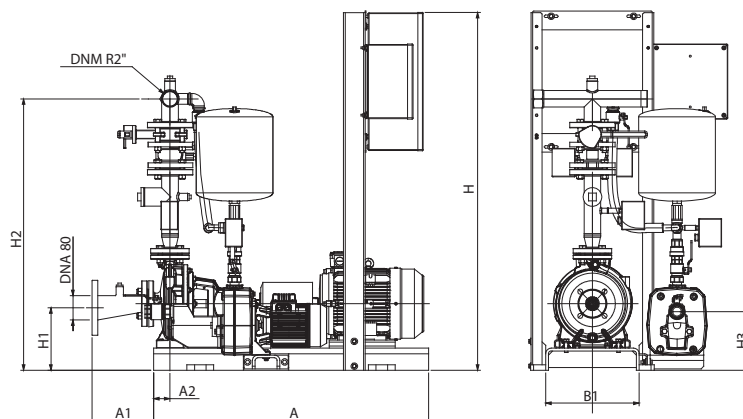
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE

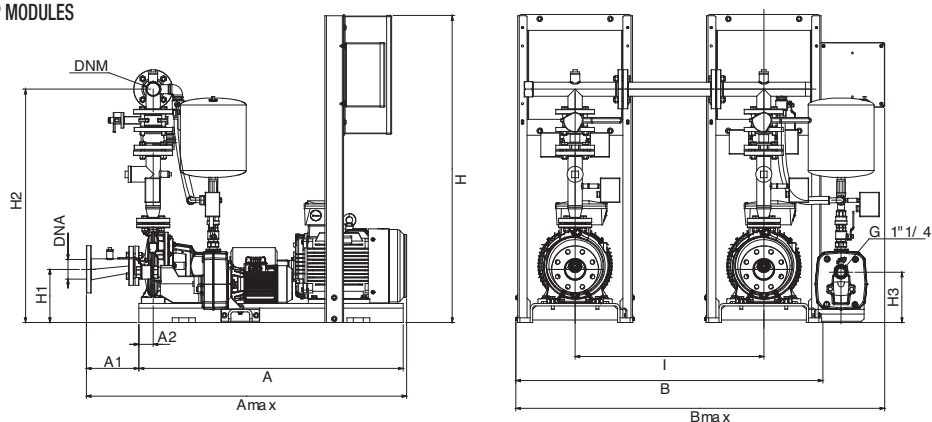


ELECTRIC PUMP MODULE

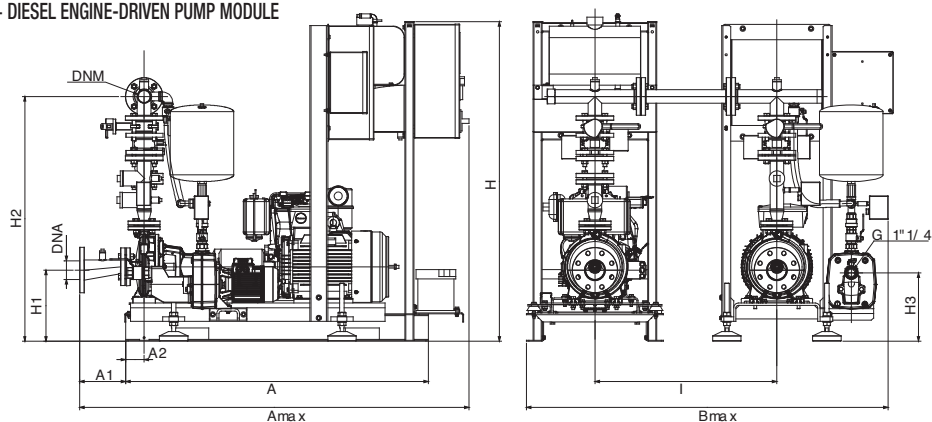


1 KDN 32-200/210-219 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

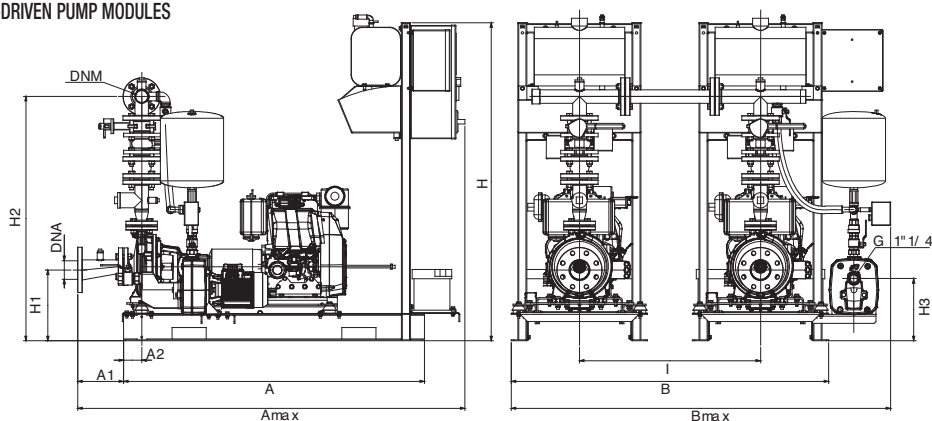
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



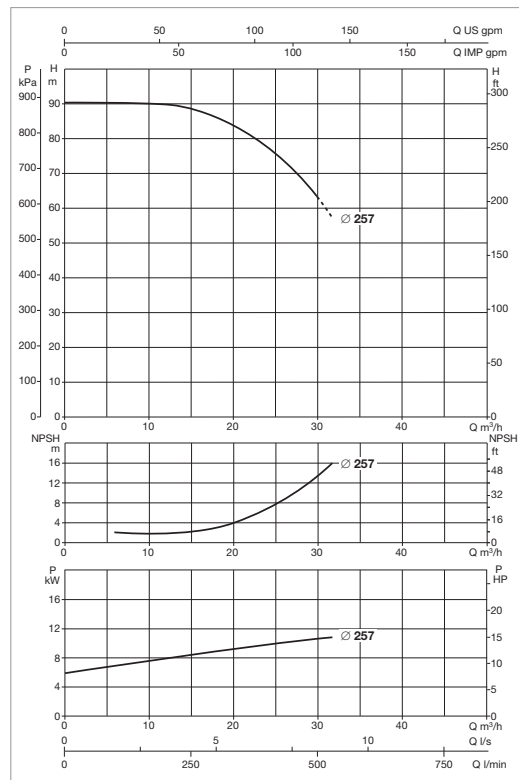
2 DIESEL ENGINE-DRIVEN PUMP MODULES



MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 32-200/210-219 - DIESEL ENGINE DRIVEN PUMP MODULE	1330	203	81	1711	602	-	876	1405	330	1079	274	-	80	2"	354	394
1 KDN 32-200/210-219 - ELECTRIC PUMP MODULE	1120	223	60	1358	502	380	763	1301	225	985	213	-	80	2"	359	398
1 KDN 32-200/210-219 - 2 ELECTRIC PUMP MODULES	1120	223	60	1358	1404	-	1665	1301	225	985	213	800	80	2"	718	757
1 KDN 32-200/210-219 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1330	203	81	1711	1604	-	1878	1405	330	1079	274	800	80	2"	713	752
1 KDN 32-200/210-219 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1330	203	81	1711	1604	-	1878	1405	330	1079	274	800	80	2"	708	748

1 KDN 32-250/257 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 32-250/257 15	3x400 V ~	KVCX 65/80 T	15	2,2	26,5	KDN 32 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

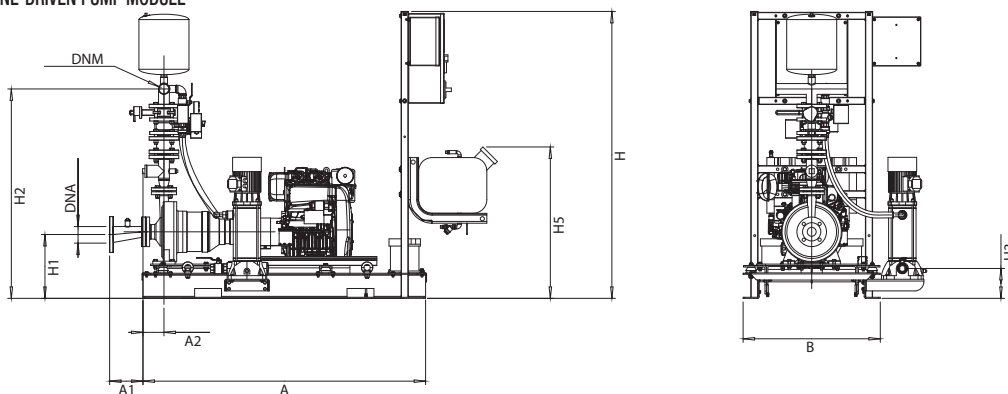
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 32-250/257 15	3x230-400 V ~	KVCX 65/80 T	15	2,2	KDN 32 EN 12845	0,22 m²

* Jockey pump on request.

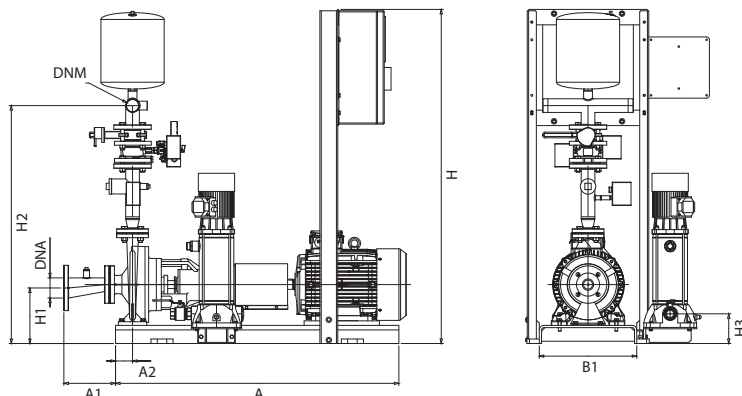
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



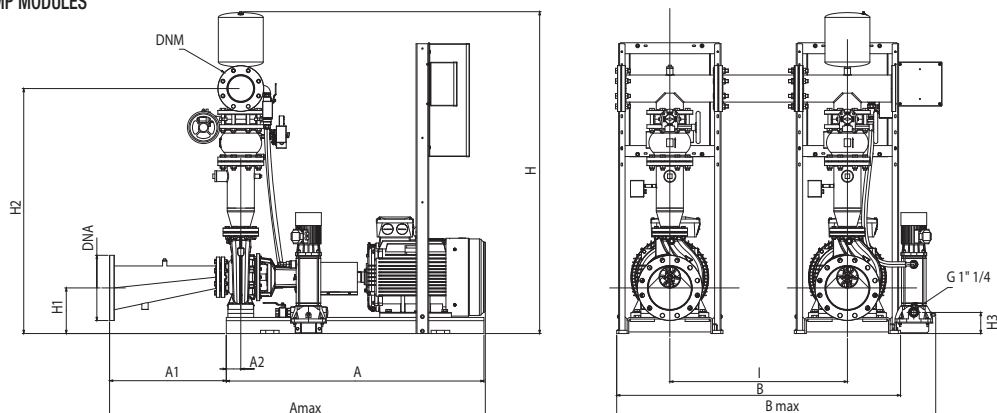
ELECTRIC PUMP MODULE



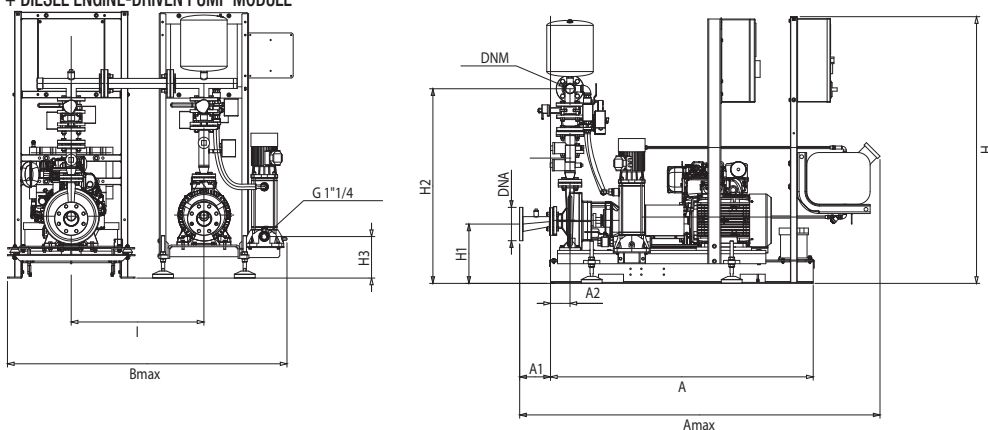
The dashed components are not included in the standard supply.

1 KDN 32-250/257 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

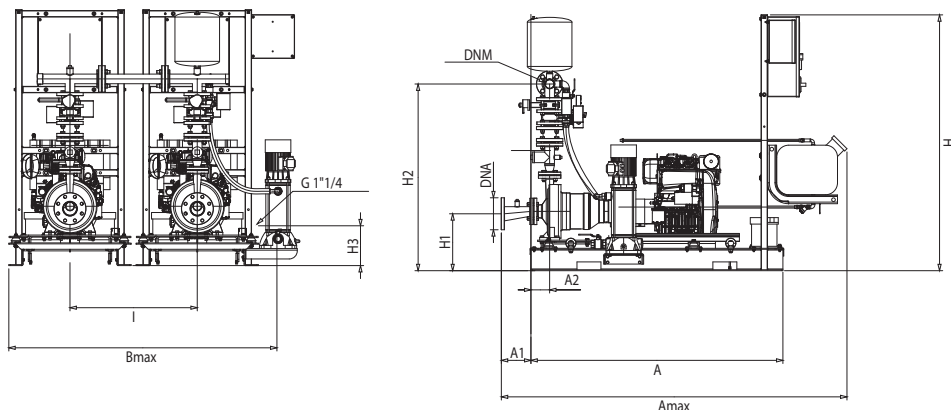
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

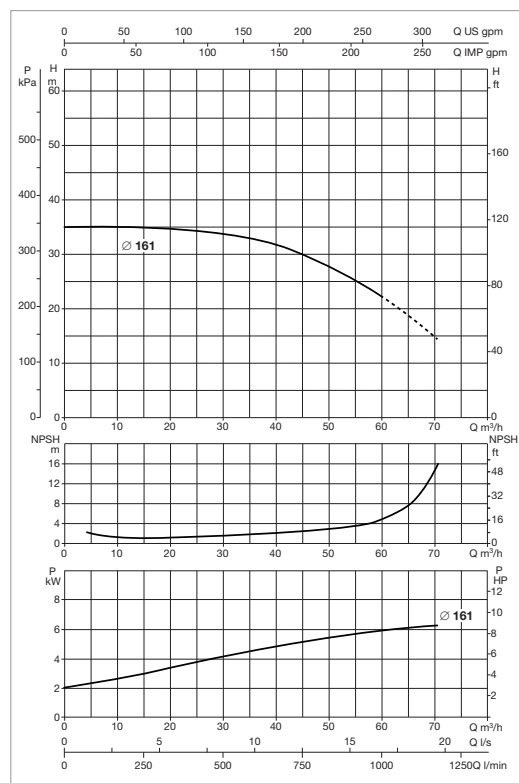


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 32-250/257 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	186	117	2163	765	-	1024	1600	356	1168	167	844	-	80	2"	365	398
1 KDN 32-250/257 - ELECTRIC PUMP MODULE	1250	228	75	1511	552	430	804	1474	245	1050	131	-	-	80	2"	388	412
1 KDN 32-250/257 - 2 ELECTRIC PUMP MODULES	1250	228	75	1511	1504	-	1756	1474	245	1050	131	-	800	80	2"	776	800
1 KDN 32-250/257 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	186	117	2163	-	-	2189	1600	356	1168	167	844	800	80	2"	753	777
1 KDN 32-250/257 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	186	117	2163	-	-	2189	1600	356	1168	167	844	800	80	2"	730	763

1 KDN 40-160/161 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 40-160/161 7,5	3x400 V ~	JET 251 T	7,5	1,85	13,4	KDN 40 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

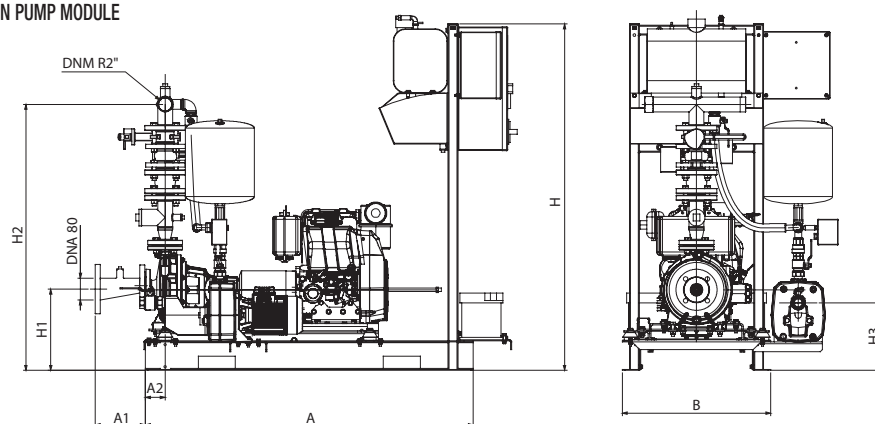
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 40-160/161 MD	3x230-400 V ~	JET 251 T	7,1	1,85	KDN 40 EN 12845	0,22 m²

* Jockey pump on request.

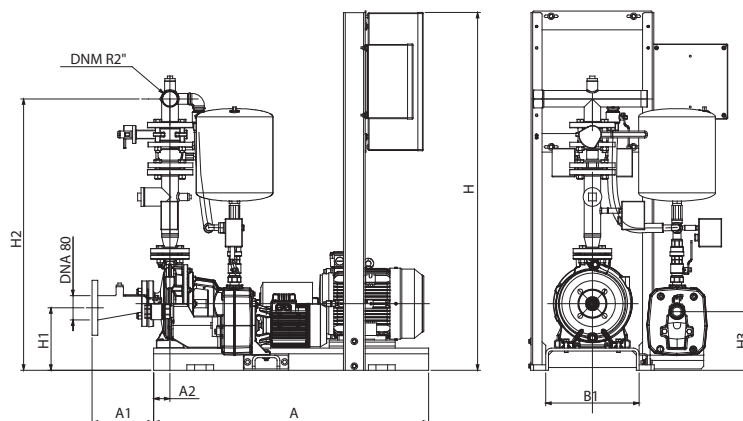
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE

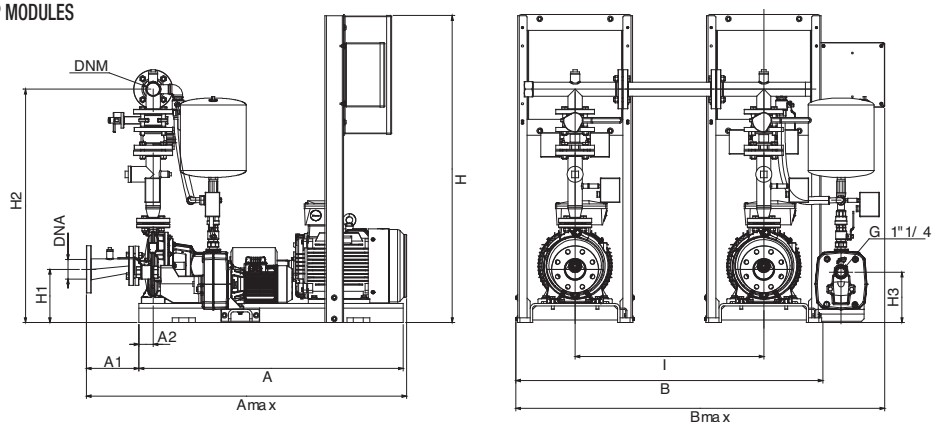


ELECTRIC PUMP MODULE

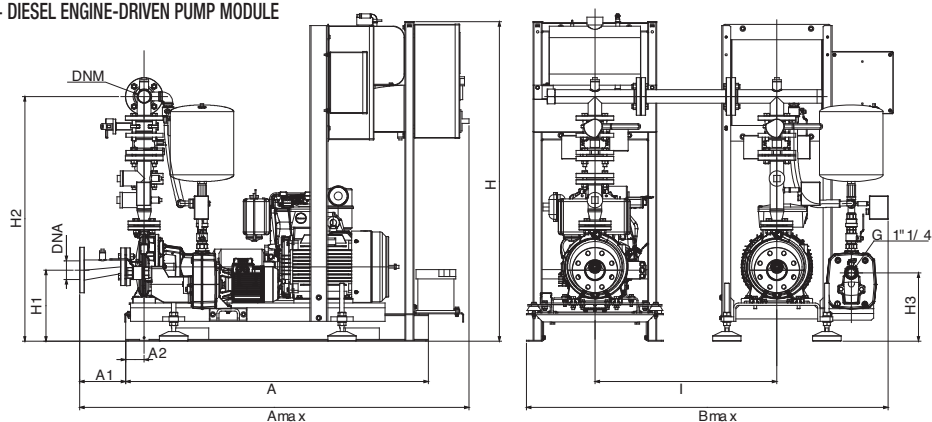


1 KDN 40-160/161 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

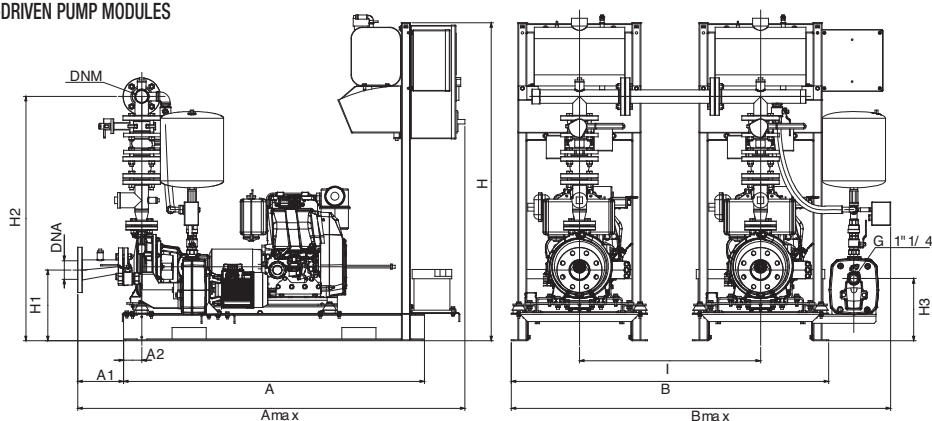
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



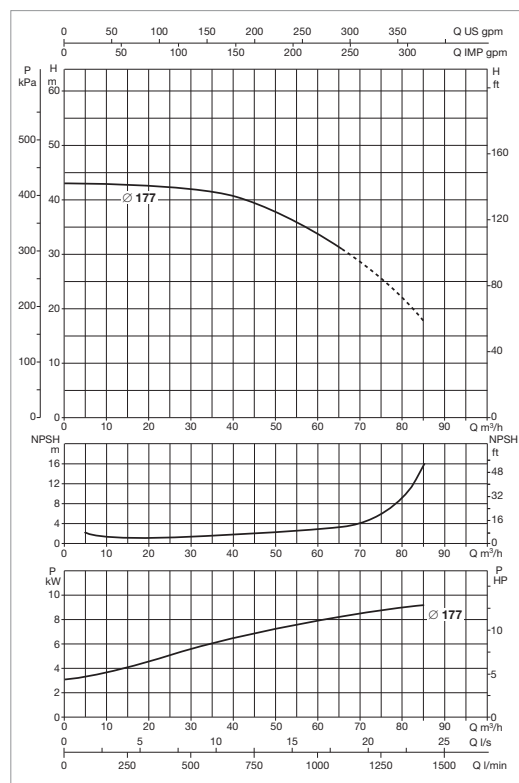
2 DIESEL ENGINE-DRIVEN PUMP MODULES



MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 40-160/161 - DIESEL ENGINE DRIVEN PUMP MODULE	1330	207	81	1715	602	-	876	1405	280	1099	274	-	100	2" 1/2	390	430
1 KDN 40-160/161 - ELECTRIC PUMP MODULE	1000	237	60	1237	462	340	723	1301	167	1004	213	-	100	2" 1/2	270	305
1 KDN 40-160/161 - 2 ELECTRIC PUMP MODULES	1000	240	60	1240	1324	-	1585	1301	167	1004	213	800	100	2" 1/2	540	575
1 KDN 40-160/161 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1330	207	81	1715	1604	-	1878	1405	280	1099	274	800	100	2" 1/2	660	695
1 KDN 40-160/161 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1330	207	81	1715	1604	-	1878	1405	280	1099	274	800	100	2" 1/2	780	820

1 KDN 40-160/177 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 40-160/177 11	3x400 V ~	JET 251 T	11	1,85	19,4	KDN 40 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

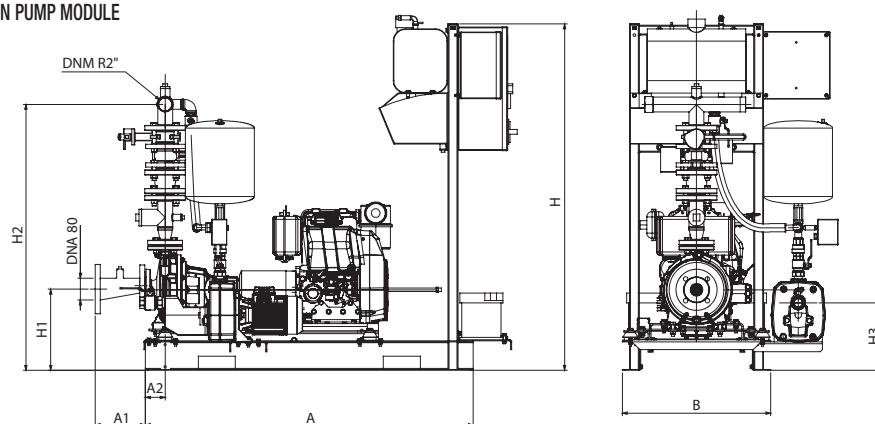
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 40-160/177 MD	3x230-400 V ~	JET 251 T	11	1,85	KDN 40 EN 12845	0,22 m²

* Jockey pump on request.

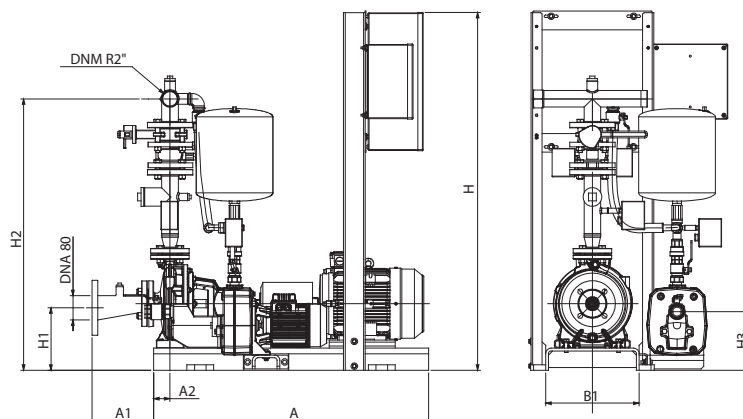
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE

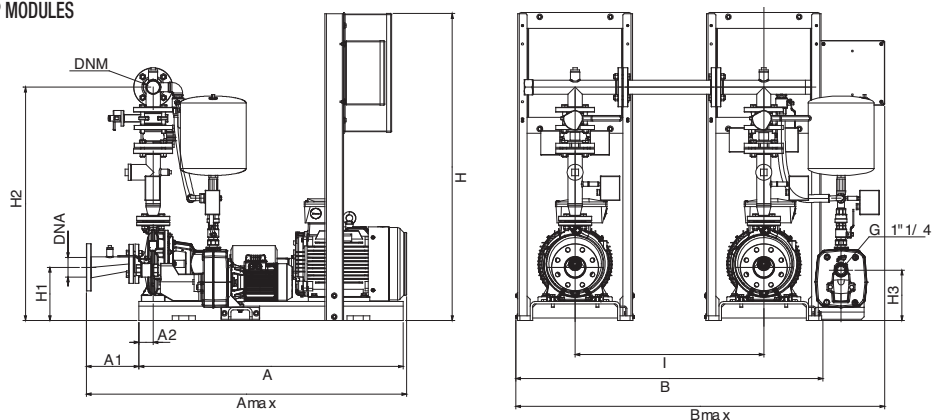


ELECTRIC PUMP MODULE

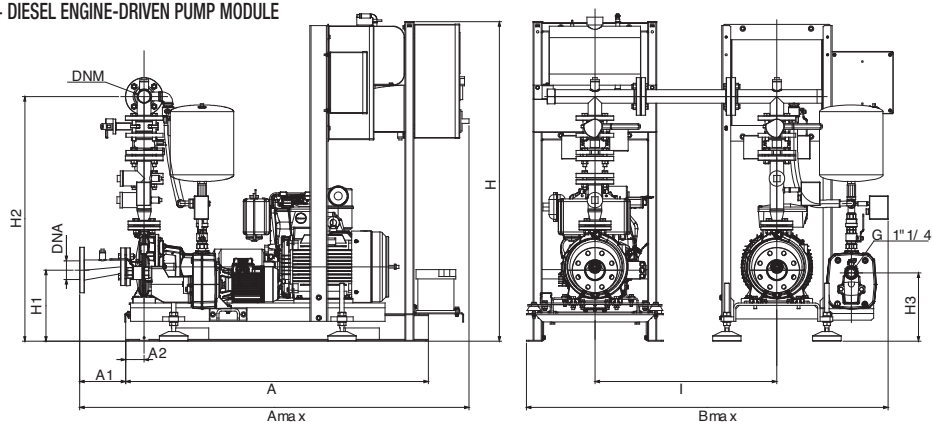


1 KDN 40-160/177 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

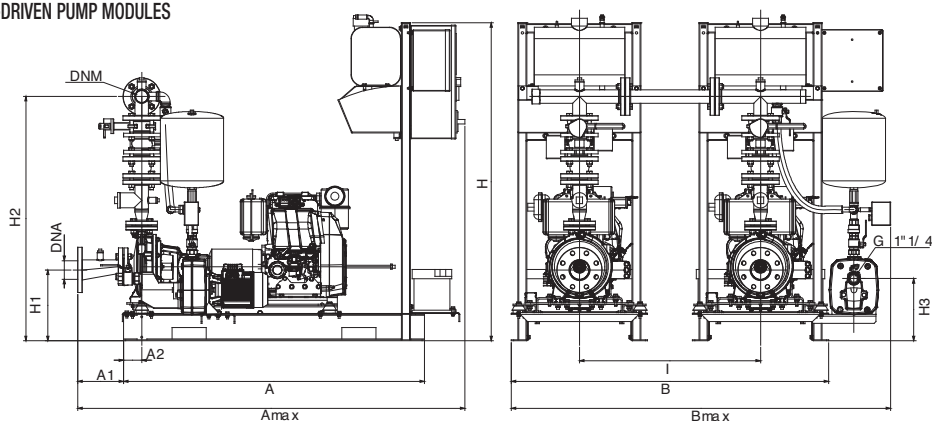
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



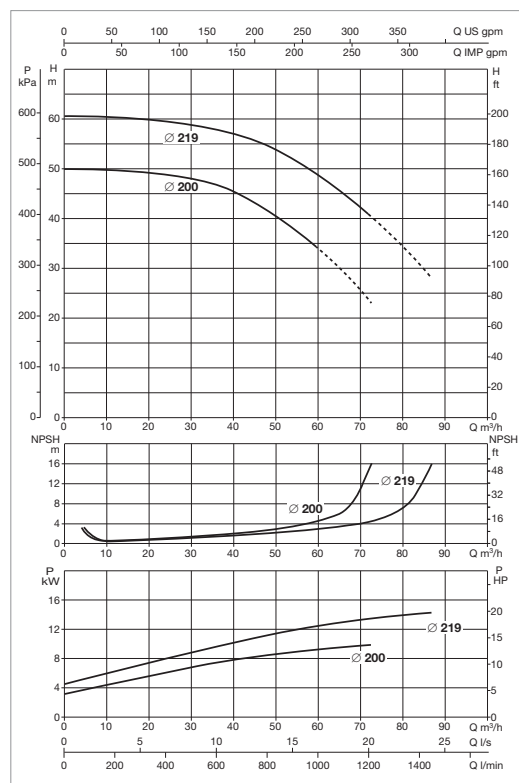
2 DIESEL ENGINE-DRIVEN PUMP MODULES



MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 40-160/177 - DIESEL ENGINE DRIVEN PUMP MODULE	1330	207	81	1715	602	-	876	1405	280	1099	274	-	100	2" 1/2	400	440
1 KDN 40-160/177 - ELECTRIC PUMP MODULE	1120	247	60	1362	502	380	763	1301	223	1037	213	-	100	2" 1/2	398	410
1 KDN 40-160/177 - 2 ELECTRIC PUMP MODULES	1120	247	60	1382	1404	-	1665	1301	223	1037	213	800	100	2" 1/2	796	808
1 KDN 40-160/177 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1330	207	81	1715	1604	-	1878	1405	280	1099	274	800	100	2" 1/2	798	810
1 KDN 40-160/177 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1330	207	81	1715	1604	-	1878	1405	280	1099	274	800	100	2" 1/2	800	840

1 KDN 40-200/200-219 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 40-200/200 11	3x400 V ~	JET 251 T	11	1,85	13,4	KDN 40 EN 12845
1 KDN 40-200/219 15	3x400 V ~	JET 251 T	15	1,85	26,5	KDN 40 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

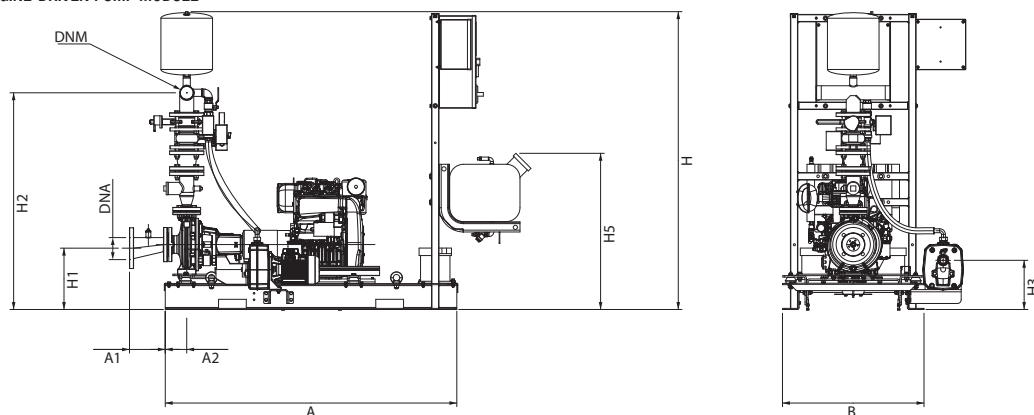
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 40-200/200 MD	3x230-400 V ~	JET 251 T	11	1,85	KDN 40 EN 12845	0,22 m²
1 KDN 40-200/219 MD	3x230-400 V ~	JET 251 T	15	1,85	KDN 40 EN 12845	0,22 m²

* Jockey pump on request.

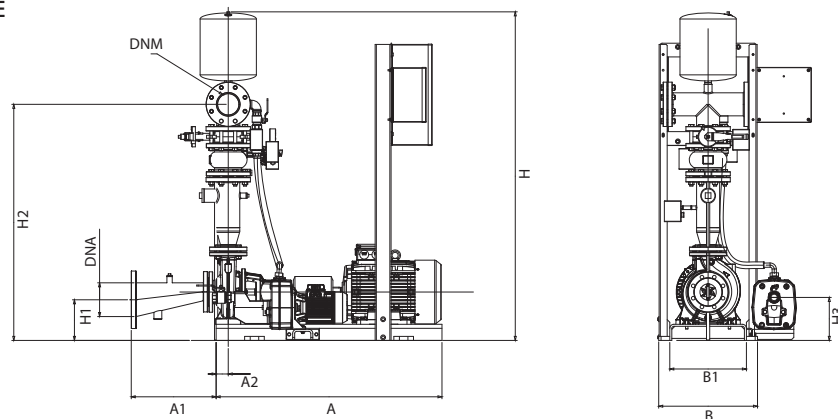
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



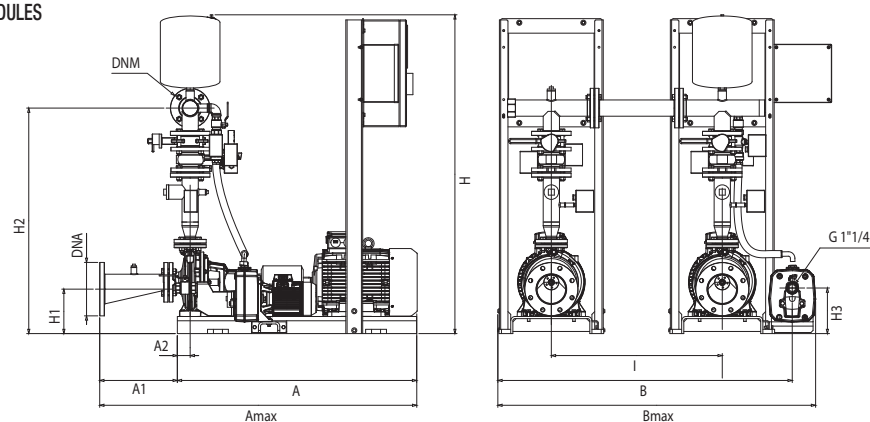
ELECTRIC PUMP MODULE



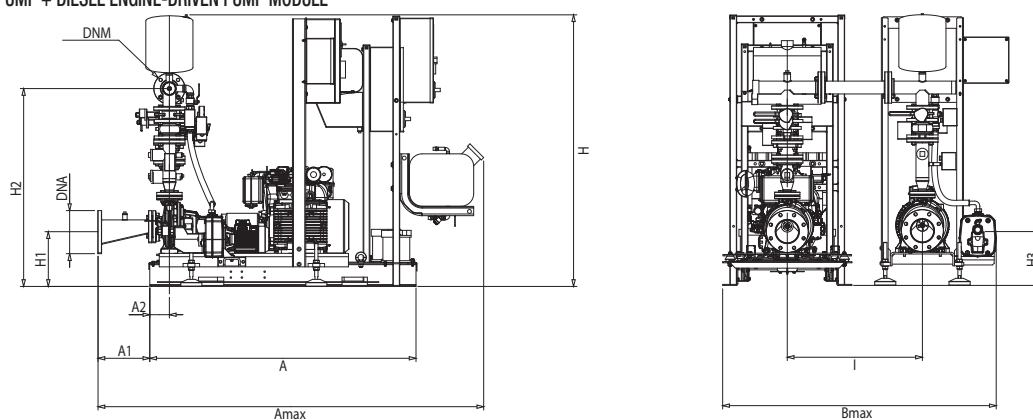
The dashed components are not included in the standard supply.

1 KDN 40-200/200-219 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

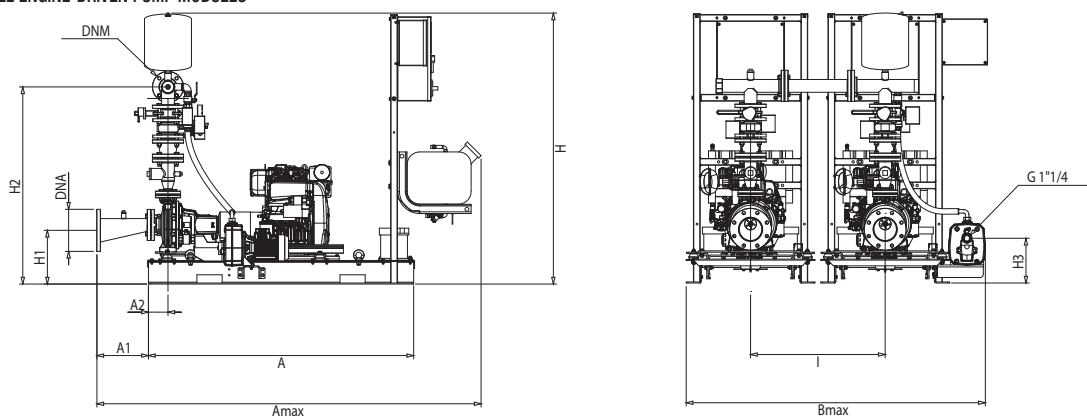
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

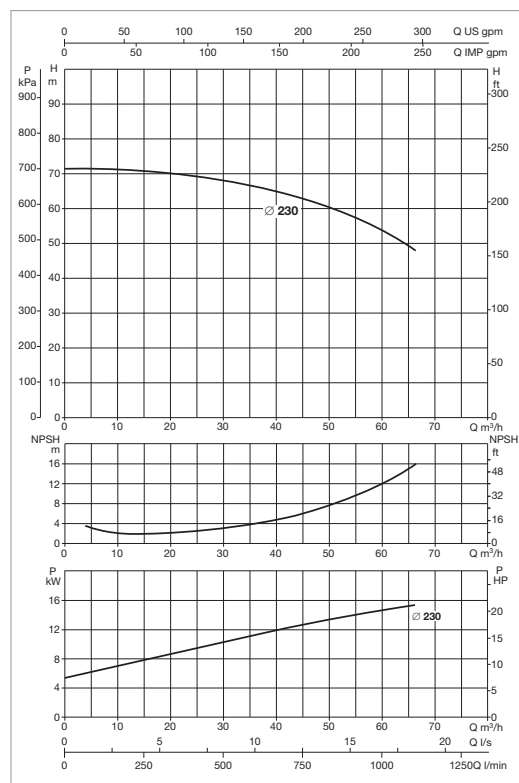


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 40-200/200-219 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	193	116	2170	765	-	991	1610	322	1171	266	844	-	100	2" 1/2	438	470
1 KDN 40-200/200-219 - ELECTRIC PUMP MODULE	1120	247	60	1382	502	430	757	1468	221	1055	213	-	-	100	2" 1/2	420	450
1 KDN 40-200/200-219 - 2 ELECTRIC PUMP MODULES	1120	247	60	1382	1404	-	1659	1468	221	1055	213	-	800	100	2" 1/2	420	450
1 KDN 40-200/200-219 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	193	116	2170	1930	-	2156	1610	322	1171	266	844	800	100	2" 1/2	858	888
1 KDN 40-200/200-219 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	193	116	2170	1930	-	2156	1610	322	1171	266	844	800	100	2" 1/2	876	908

1 KDN 40-250/230 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 40-250/230 15	3x400 V ~	JET 251 T	15	1,85	26,5	KDN 40 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

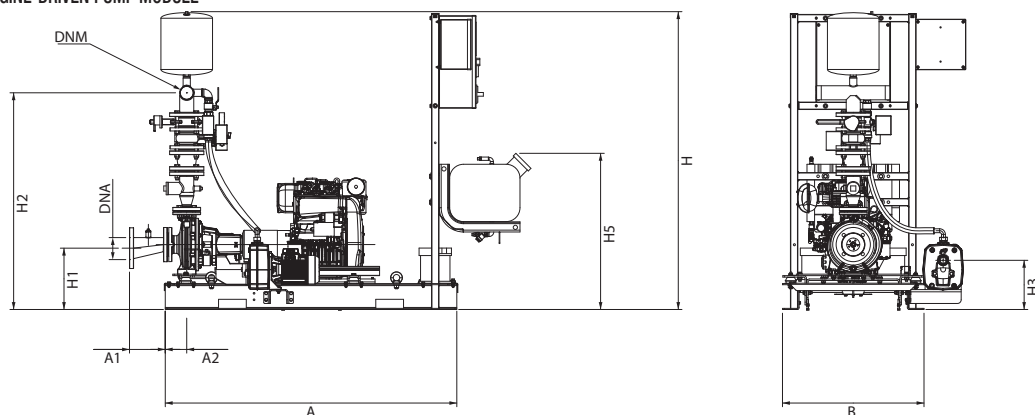
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 40-250/230 MD	3x230-400 V ~	JET 251 T	19	1,85	KDN 40 EN 12845	0,22 m²

* Jockey pump on request.

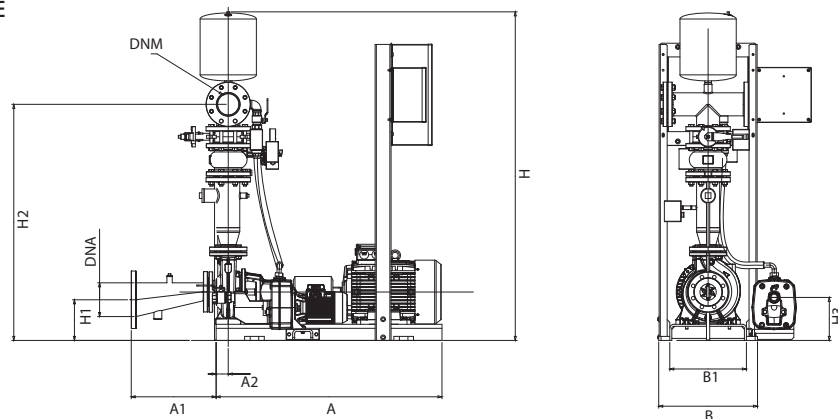
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



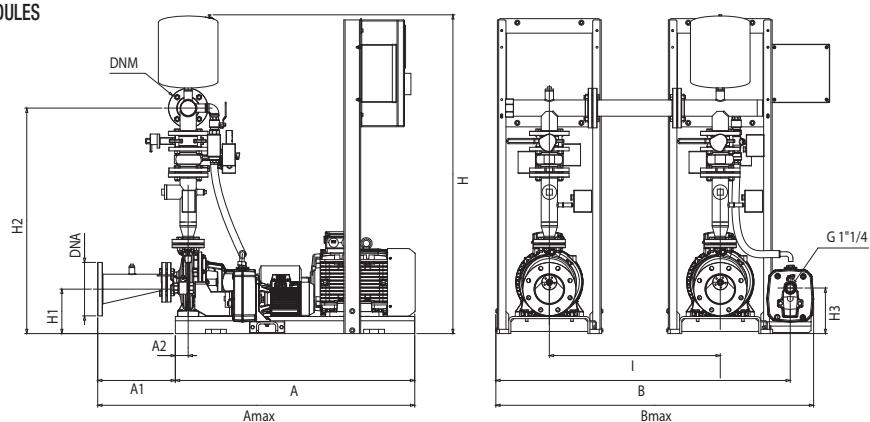
ELECTRIC PUMP MODULE



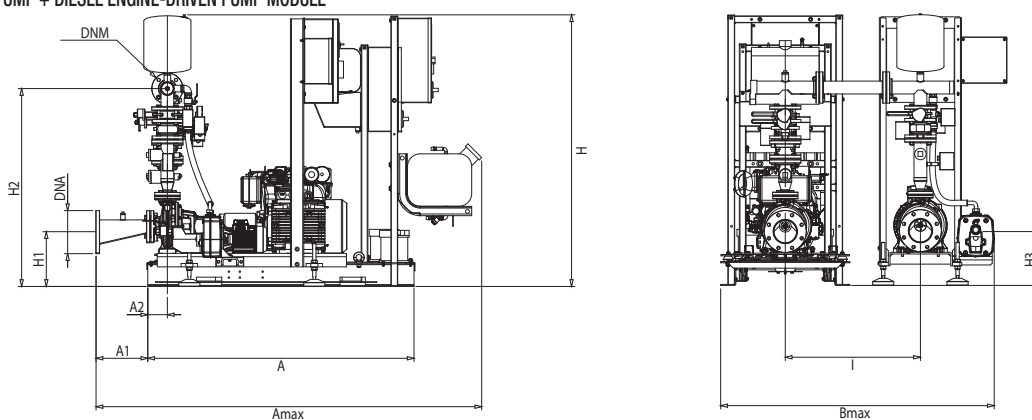
The dashed components are not included in the standard supply.

1 KDN 40-250/230 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

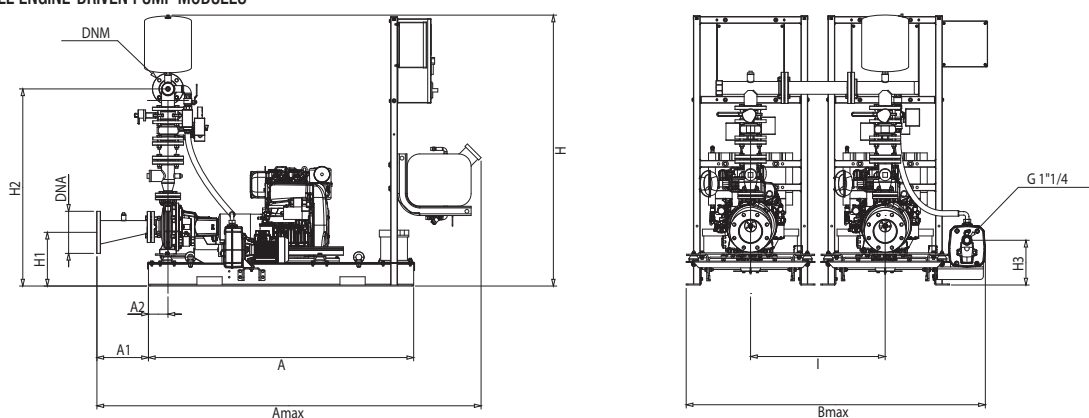
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

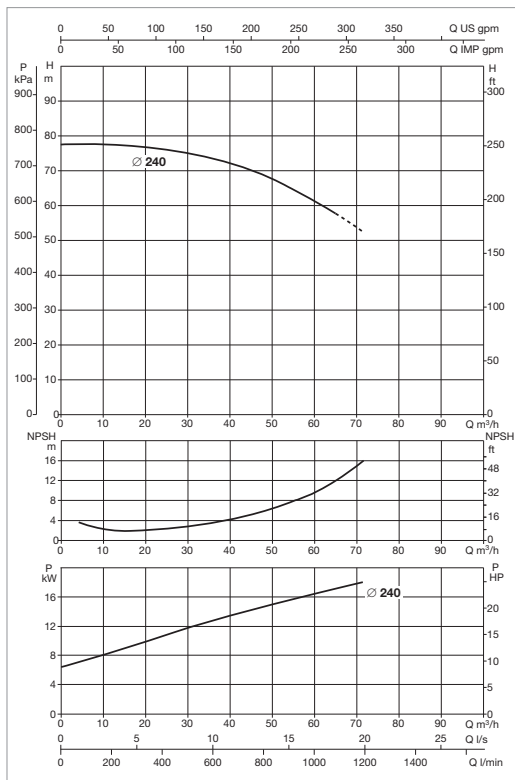


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 40-250/230 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	193	116	2170	978	-	991	1675	352	1236	266	844	-	100	2" 1/2	497	553
1 KDN 40-250/230 - ELECTRIC PUMP MODULE	1250	232	75	1494	542	430	812	1555	241	1120	213	-	-	100	2" 1/2	442	472
1 KDN 40-250/230 - 2 ELECTRIC PUMP MODULES	1250	232	75	1494	1484	-	1754	1555	241	1120	213	-	800	100	2" 1/2	884	914
1 KDN 40-250/230 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	193	116	2170	2143	-	2369	1675	352	1236	266	844	800	100	2" 1/2	939	969
1 KDN 40-250/230 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	193	116	2170	2143	-	2369	1675	352	1236	266	844	800	100	2" 1/2	994	1050

1 KDN 40-250/240 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 40-250/240 18,5	3x400 V ~	JET 251 T	18,5	1,85	32	KDN 40 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

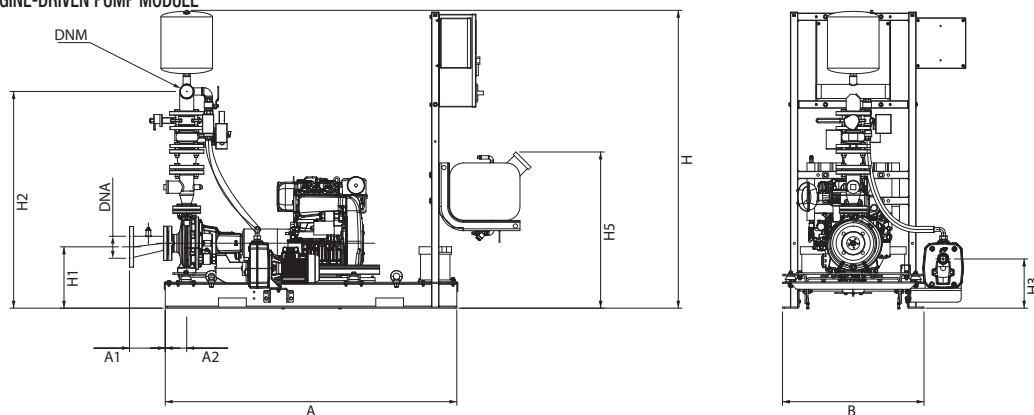
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 40-250/240 MD	3x230-400 V ~	JET 251 T	19	1,85	KDN 40 EN 12845	0,22 m²

* Jockey pump on request.

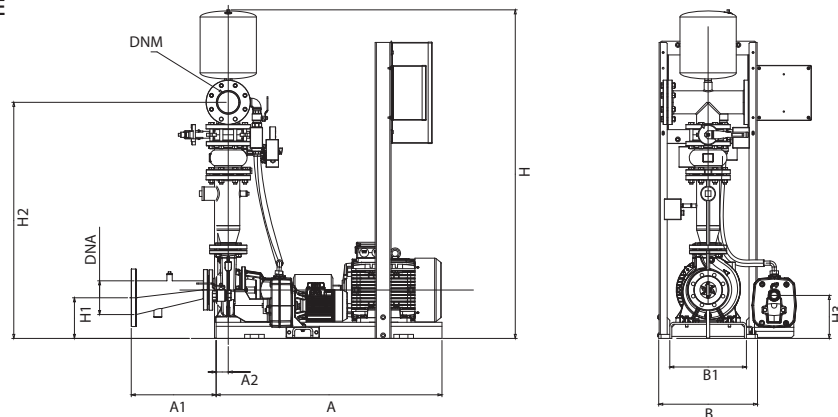
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



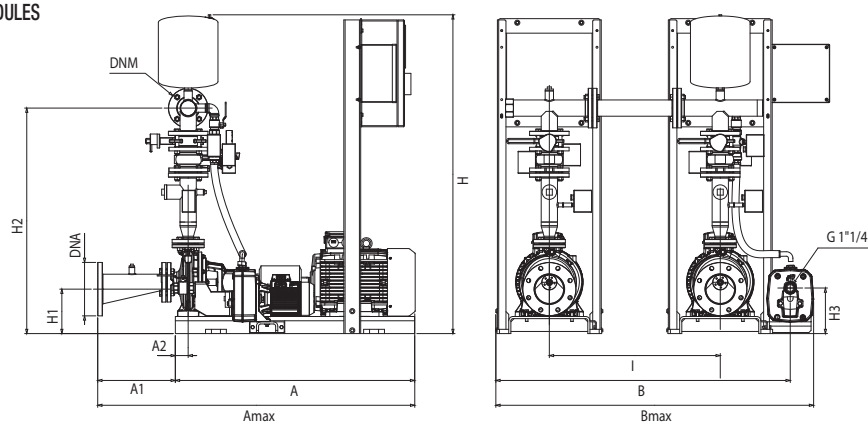
ELECTRIC PUMP MODULE



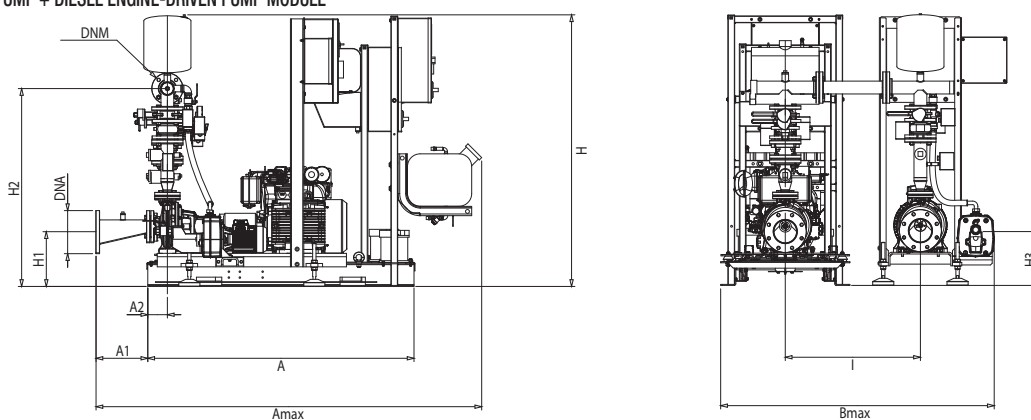
The dashed components are not included in the standard supply.

1 KDN 40-250/240 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

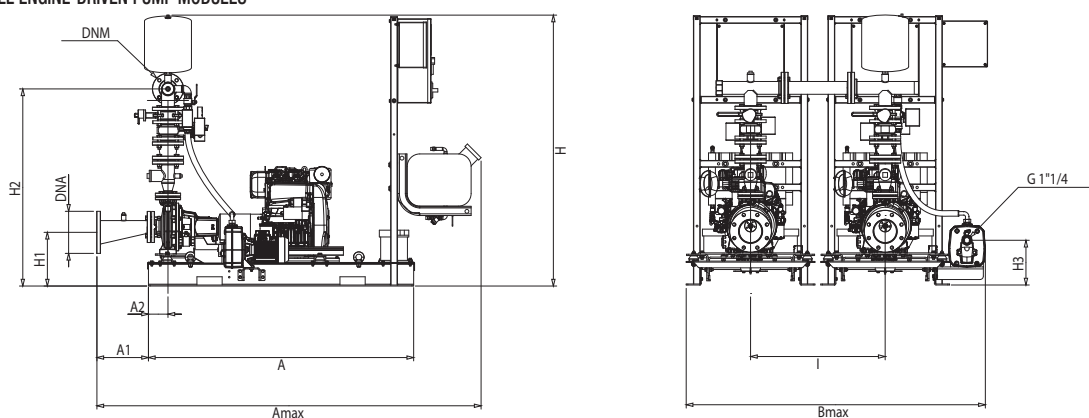
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

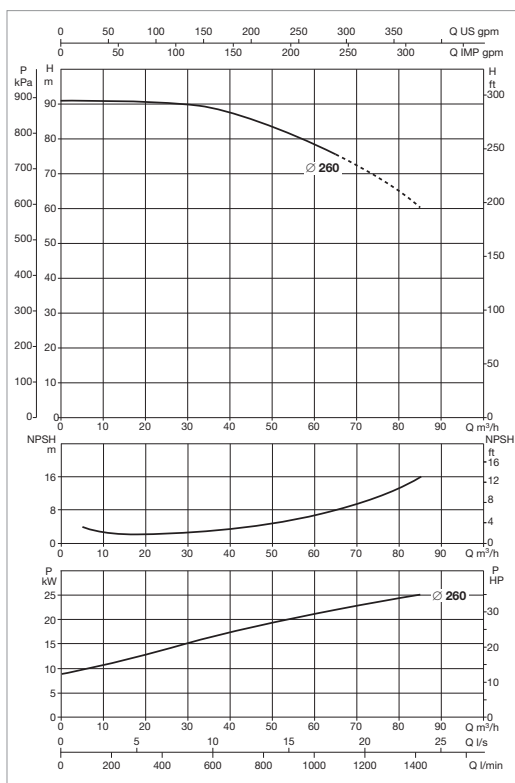


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 40-250/240 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	193	116	2170	978	-	991	1675	352	1236	266	844	-	100	2" 1/2	534	565
1 KDN 40-250/240 - ELECTRIC PUMP MODULE	1250	232	75	1494	542	430	812	1562	241	1120	213	-	-	100	2" 1/2	462	492
1 KDN 40-250/240 - 2 ELECTRIC PUMP MODULES	1250	232	75	1494	1484	-	1754	1562	241	1120	213	-	800	100	2" 1/2	924	954
1 KDN 40-250/240 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	193	116	2170	2143	-	2369	1675	352	1236	266	844	800	100	2" 1/2	996	1026
1 KDN 40-250/240 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	193	116	2170	2143	-	2369	1675	352	1236	266	844	800	100	2" 1/2	1068	1099

1 KDN 40-250/260 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 40-250/260 30	3x400 V ~	JET 251 T	30	1,85	52	KDN 40 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

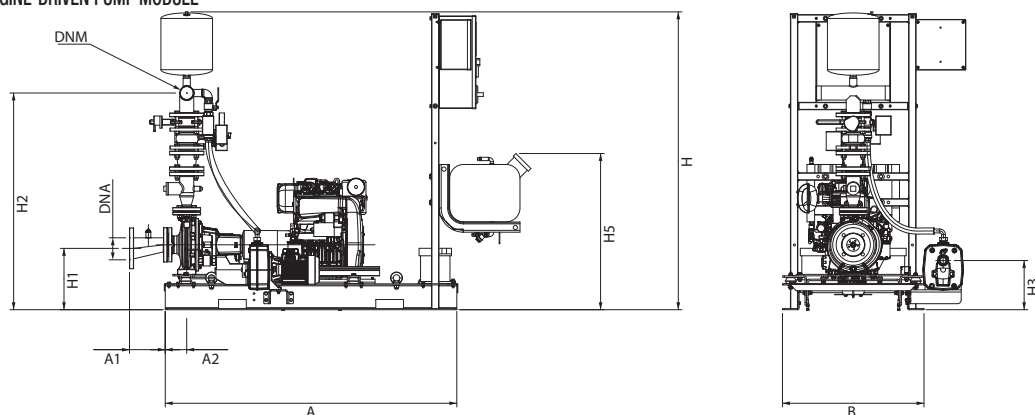
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 40-250/260 MD	3x230-400 V ~	JET 251 T	26	1,85	KDN 40 EN 12845	0,22 m²

* Jockey pump on request.

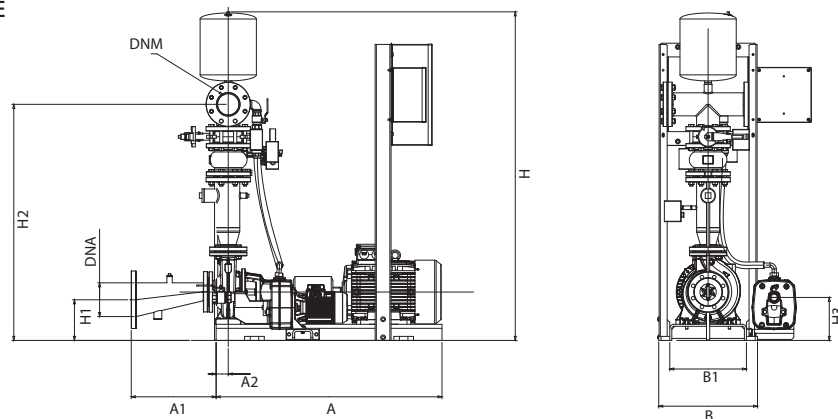
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



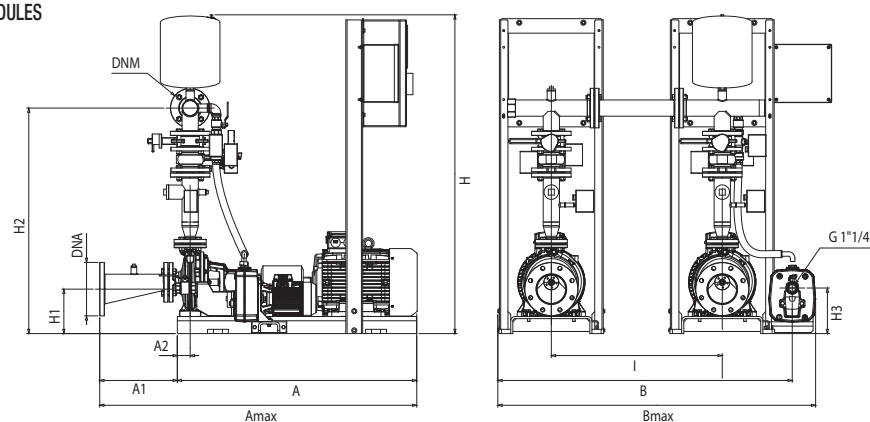
ELECTRIC PUMP MODULE



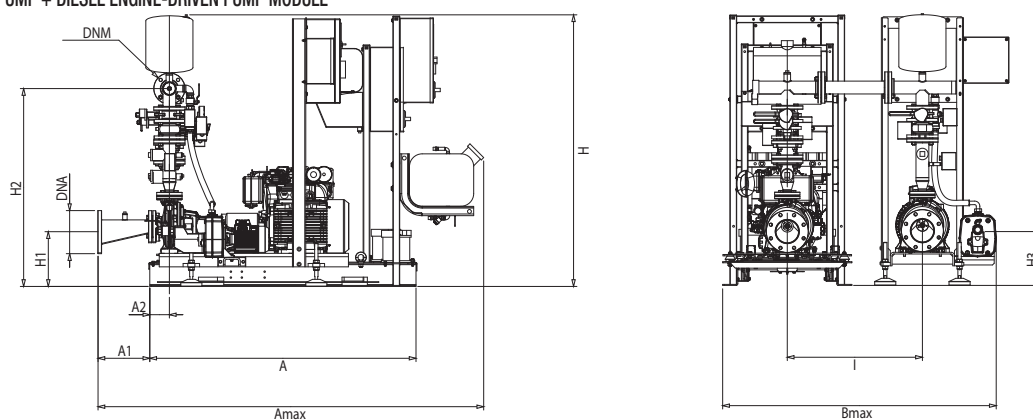
The dashed components are not included in the standard supply.

1 KDN 40-250/260 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

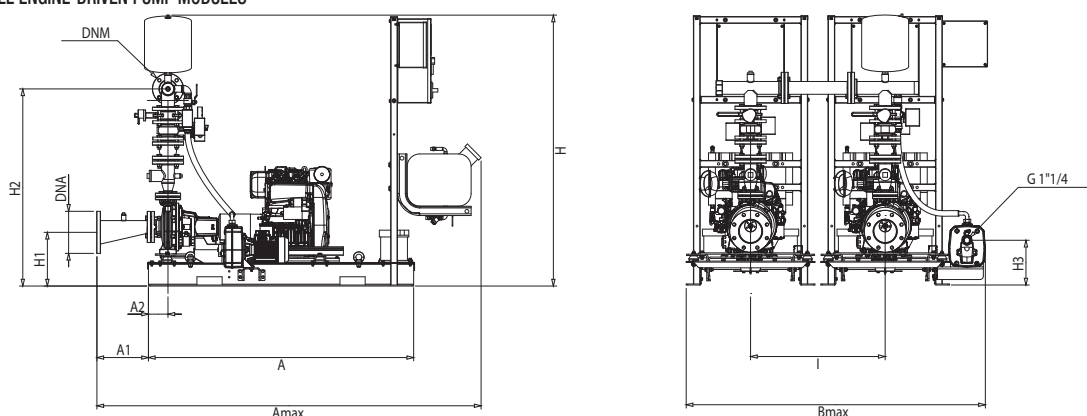
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

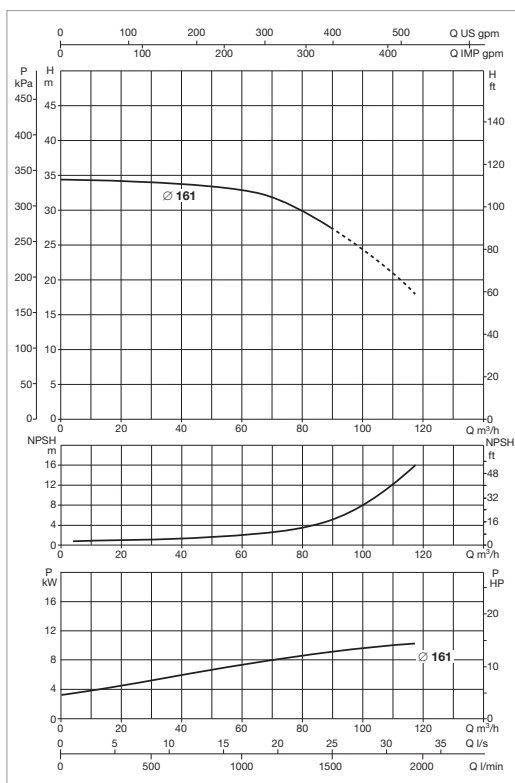


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 40-250/260 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	193	116	2170	978	-	1033	1675	352	1236	266	844	-	100	2" 1/2	580	610
1 KDN 40-250/260 - ELECTRIC PUMP MODULE	1400	232	75	1632	550	480	550	1632	281	1160	213	-	-	100	2" 1/2	690	690
1 KDN 40-250/260 - 2 ELECTRIC PUMP MODULES	1400	232	75	1632	1500	-	1500	1632	281	1160	213	-	800	100	2" 1/2	1380	1380
1 KDN 40-250/260 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	193	116	2170	2356	-	2411	1675	352	1236	266	844	800	100	2" 1/2	1270	1270
1 KDN 40-250/260 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	193	116	2170	2356	-	2411	1675	352	1236	266	844	800	100	2" 1/2	1160	1190

1 KDN 50-160/161 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 50-160/161 11	3x400 V ~	JET 251 T	11	1,85	19,4	KDN 50 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

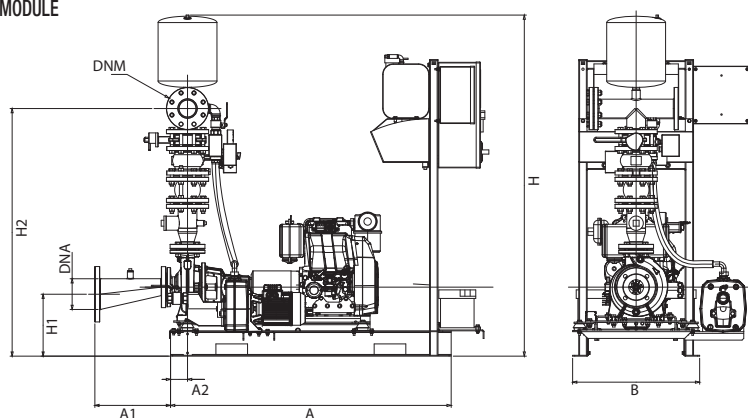
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 50-160/161 MD	3x230-400 V ~	JET 251 T	11	1,85	KDN 50 EN 12845	0,22 m²

* Jockey pump on request.

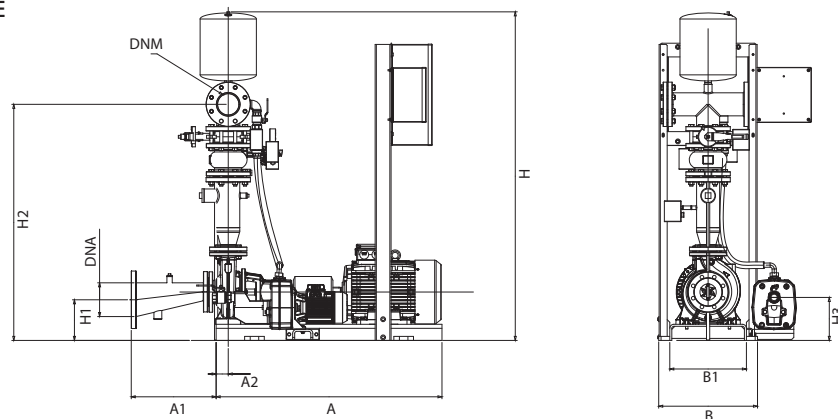
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



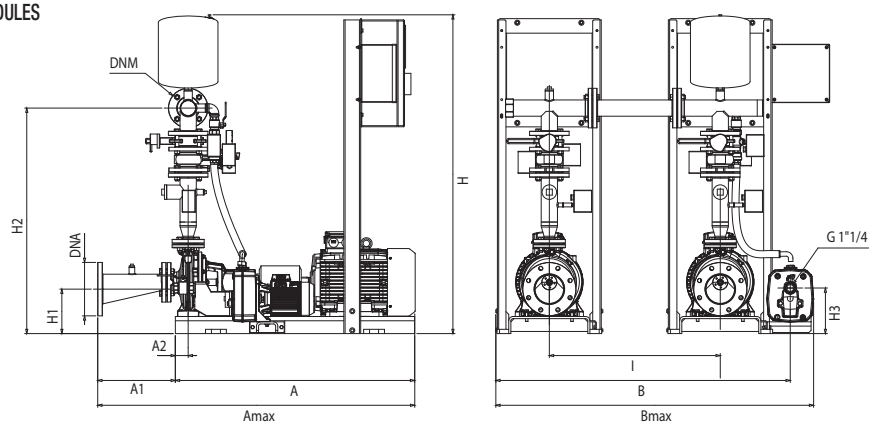
ELECTRIC PUMP MODULE



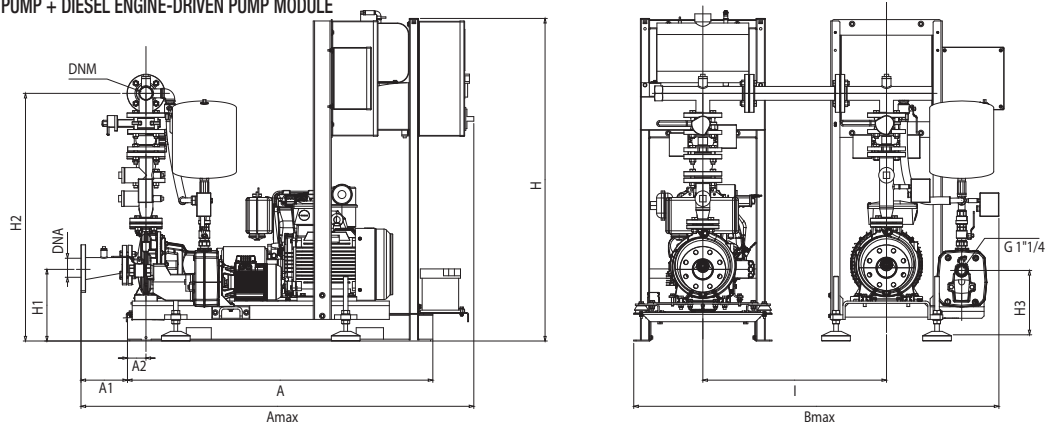
The dashed components are not included in the standard supply.

1 KDN 50-160/161 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

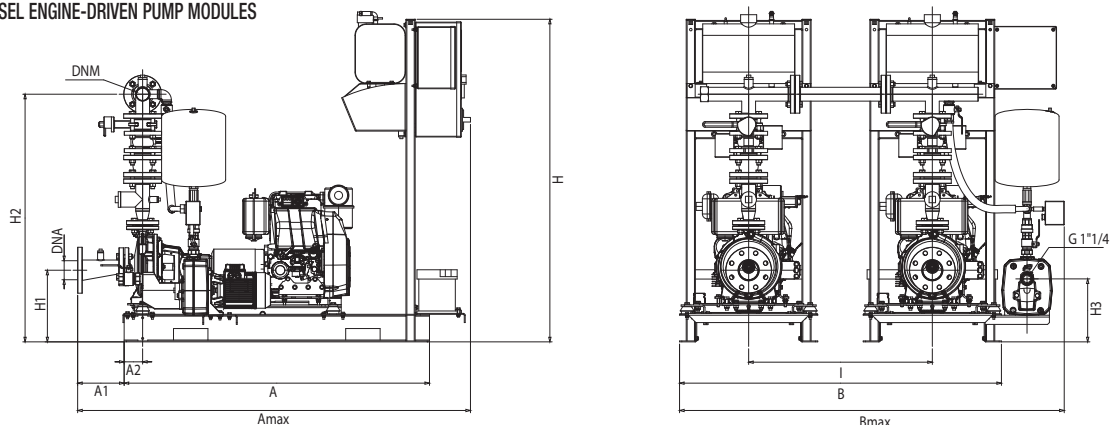
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

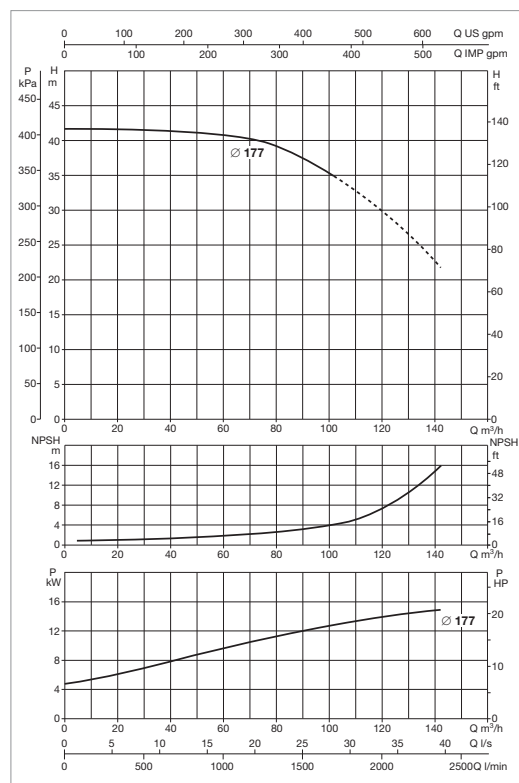


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 50-160/161 - DIESEL ENGINE DRIVEN PUMP MODULE	1330	359	81	1867	602	-	841	1616	293	1173	274	-	-	125	80	335	369
1 KDN 50-160/161 - ELECTRIC PUMP MODULE	1120	363	60	1483	490	380	762	1520	208	1080	213	-	-	125	80	465	490
1 KDN 50-160/161 - 2 ELECTRIC PUMP MODULES	1120	363	60	1483	1380	-	1652	1520	208	1080	213	-	800	125	80	930	955
1 KDN 50-160/161 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1330	359	81	1867	1604	-	1843	1616	293	1173	274	-	800	125	80	930	955
1 KDN 50-160/161 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1330	359	81	1867	1604	-	1843	1616	293	1173	274	-	800	125	80	670	704

1 KDN 50-160/177 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 50-160/177 15	3x400 V ~	JET 251 T	15	1,85	26,5	KDN 50 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

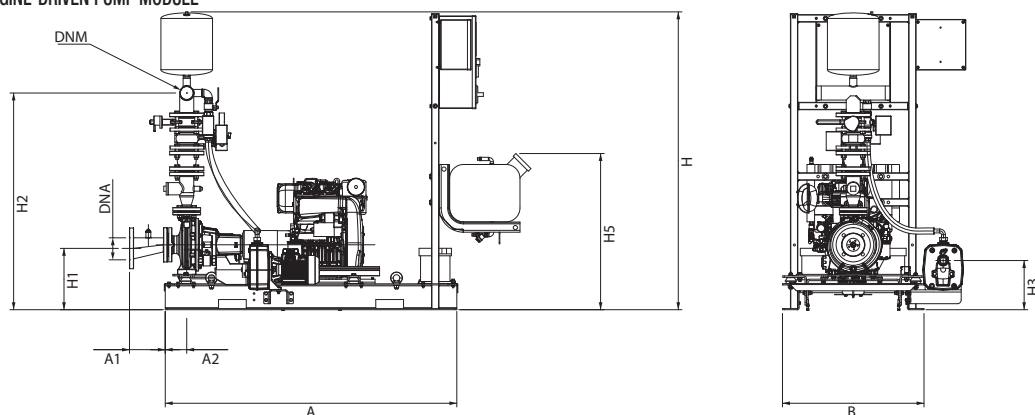
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 50-160/177 MD	3x230-400 V ~	JET 251 T	15	1,85	KDN 50 EN 12845	0,22 m²

* Jockey pump on request.

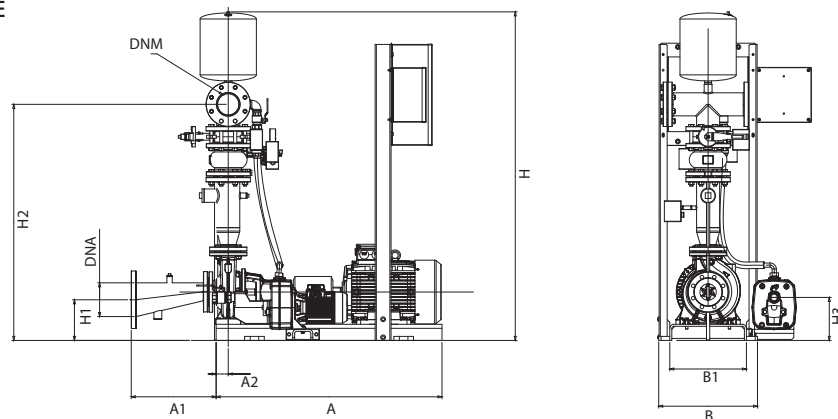
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



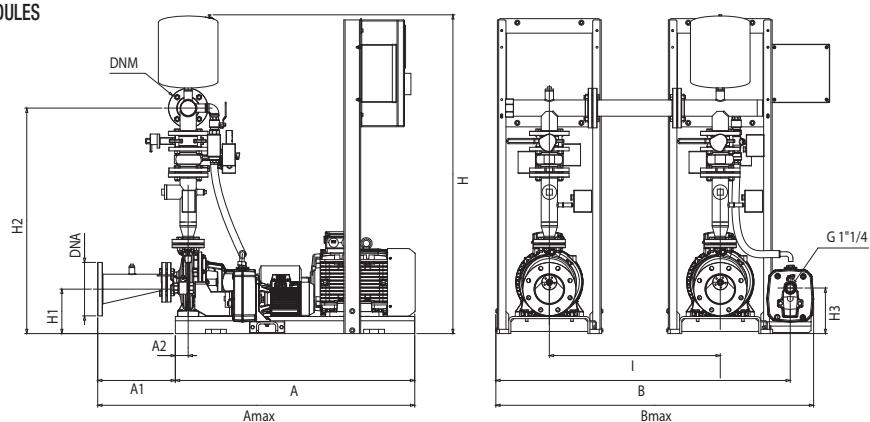
ELECTRIC PUMP MODULE



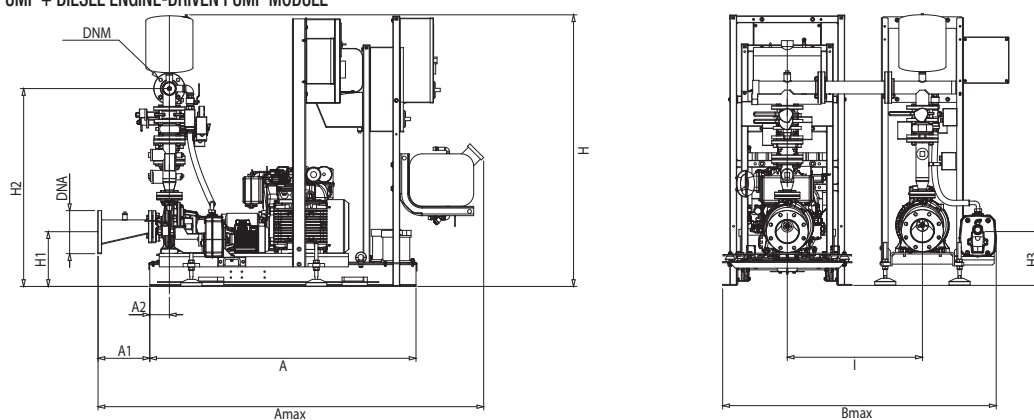
The dashed components are not included in the standard supply.

1 KDN 50-160/177 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

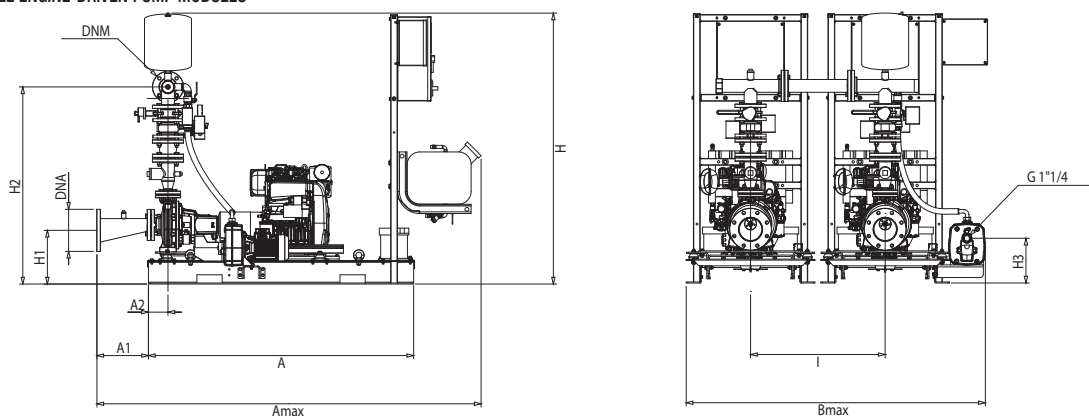
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

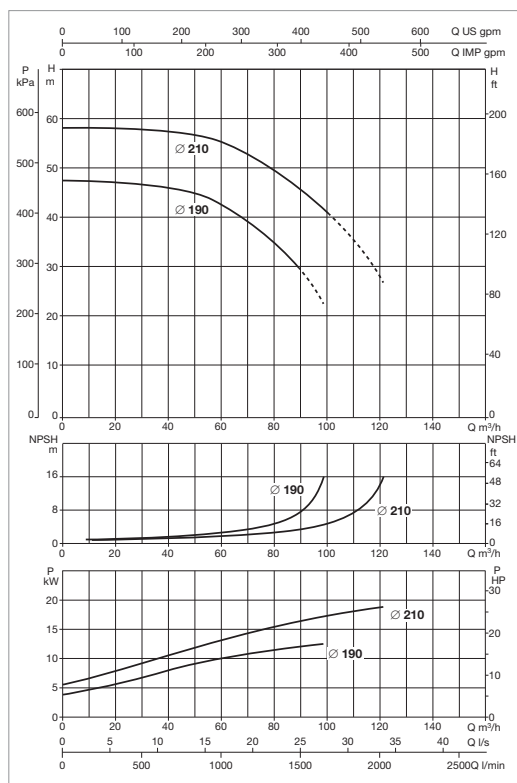


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 50-160/177 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	306	117	2284	765	-	991	1631	319	1191	266	844	-	125	80	429	460
1 KDN 50-160/177 - ELECTRIC PUMP MODULE	1120	363	60	1483	490	380	762	1520	208	1080	213	-	-	125	80	474	494
1 KDN 50-160/177 - 2 ELECTRIC PUMP MODULES	1120	363	60	1483	1380	-	1652	1520	208	1080	213	-	800	125	80	948	968
1 KDN 50-160/177 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	306	117	2284	-	-	2156	1631	319	1191	266	844	800	125	80	903	923
1 KDN 50-160/177 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	306	117	2284	-	-	2156	1631	319	1191	266	844	800	125	80	858	889

1 KDN 50-200/190-210 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 50-200/190 15	3x400 V ~	JET 251 T	15	1,85	26,5	KDN 50 EN 12845
1 KDN 50-200/210 18,5	3x400 V ~	JET 251 T	18,5	1,85	32	KDN 50 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

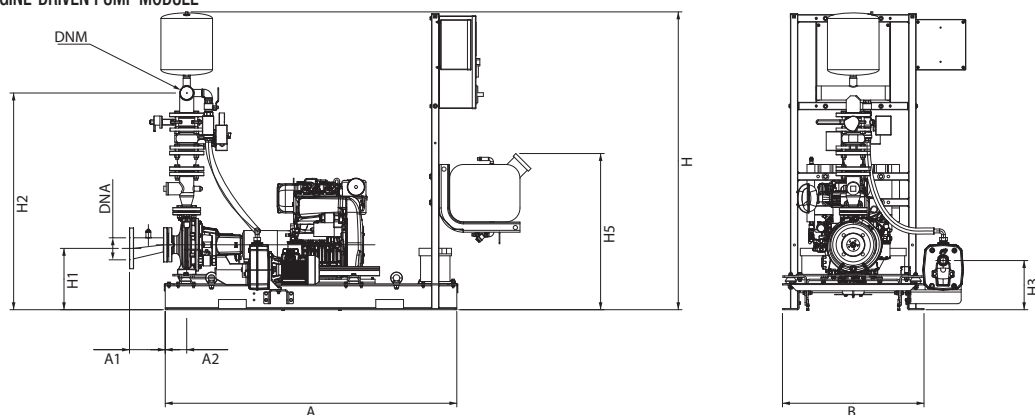
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 50-200/190 MD	3x230-400 V ~	JET 251 T	15	1,85	KDN 50 EN 12845	0,22 m²
1 KDN 50-200/210 MD	3x230-400 V ~	JET 251 T	19	1,85	KDN 50 EN 12845	0,22 m²

* Jockey pump on request.

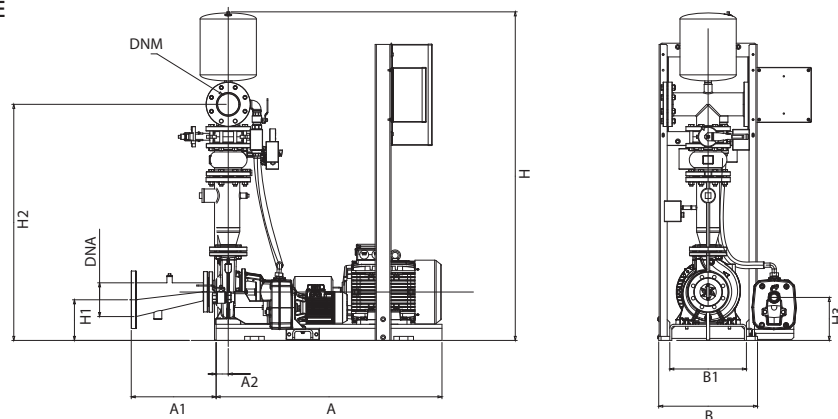
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



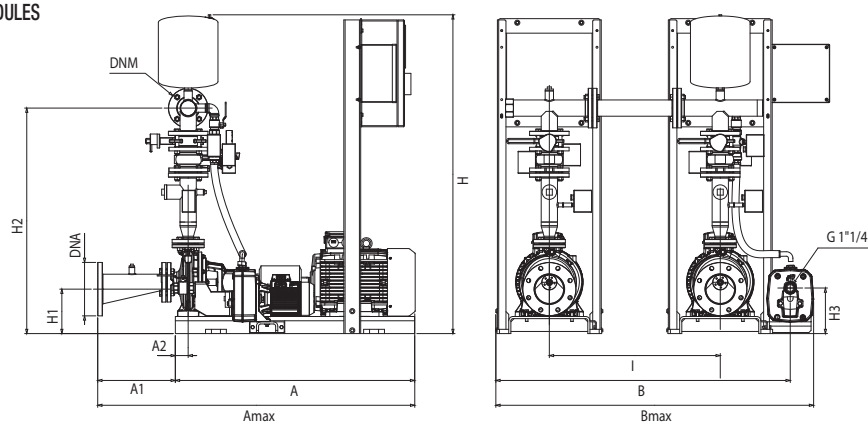
ELECTRIC PUMP MODULE



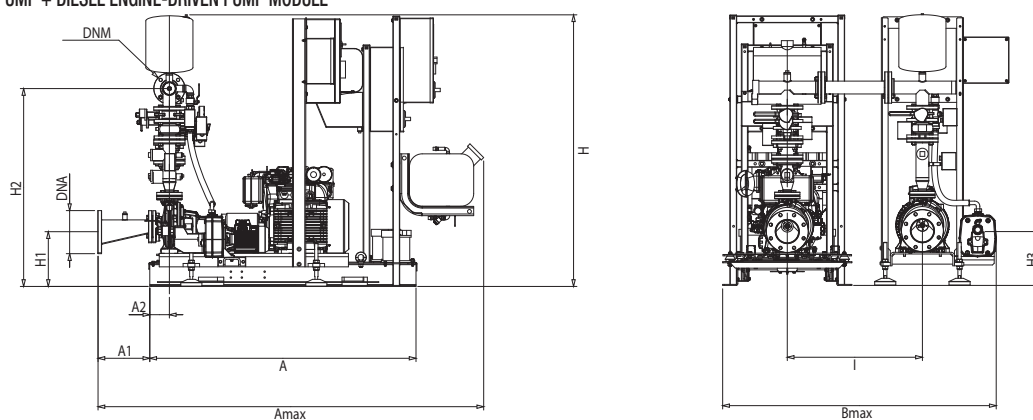
The dashed components are not included in the standard supply.

1 KDN 50-200/190-210 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

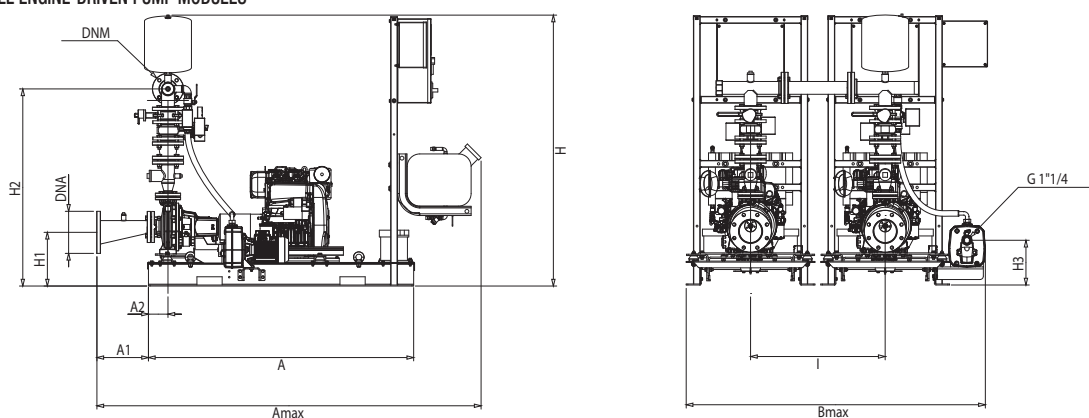
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

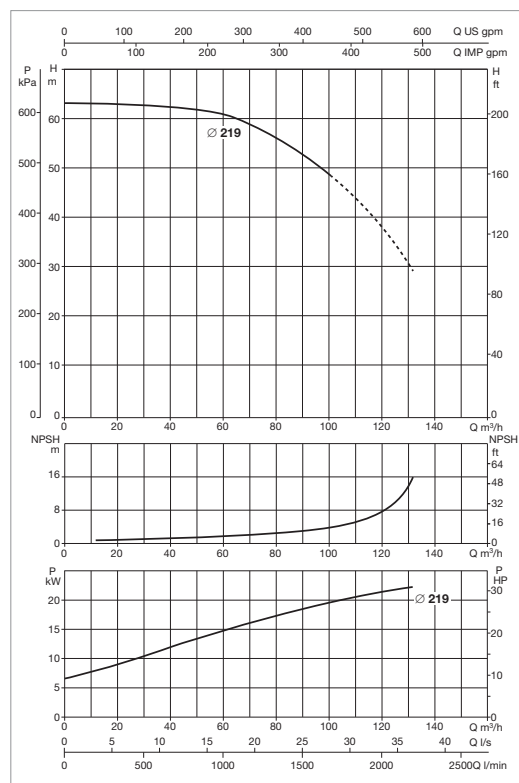


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 50-200/190-210 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	306	117	2284	765	-	991	1651	319	1211	266	844	-	125	80	455	475
1 KDN 50-200/190-210 - ELECTRIC PUMP MODULE	1120	363	60	1534	490	380	762	1540	208	1100	213	-	-	125	80	565	570
1 KDN 50-200/190-210 - 2 ELECTRIC PUMP MODULES	1120	363	60	1534	1380	-	1652	1540	208	1100	213	-	800	125	80	1130	1135
1 KDN 50-200/190-210 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	306	117	2284	-	-	2156	1651	319	1211	266	844	800	125	80	1020	1025
1 KDN 50-200/190-210 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	306	117	2284	-	-	2156	1651	319	1211	266	844	800	125	80	910	930

1 KDN 50-200/219 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 50-200/219 22	3x400 V ~	JET 251 T	22	1,85	38	KDN 50 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

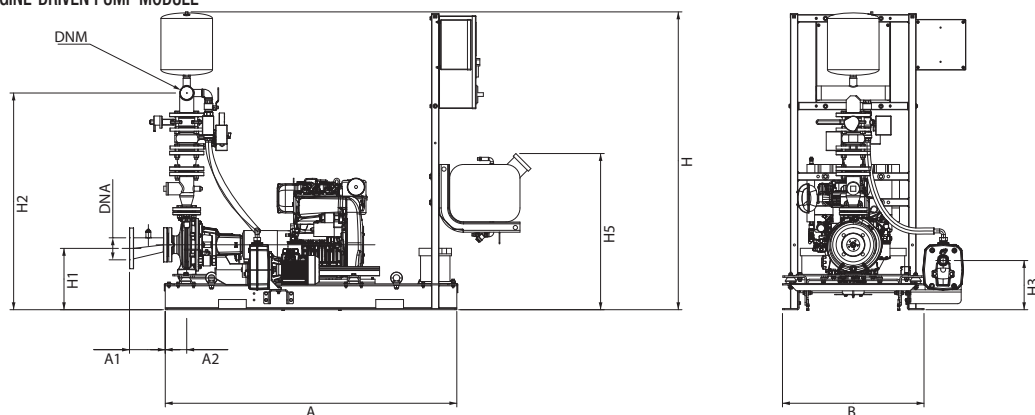
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 50-200/219 MD	3x230-400 V ~	JET 251 T	26	1,85	KDN 50 EN 12845	0,22 m²

* Jockey pump on request.

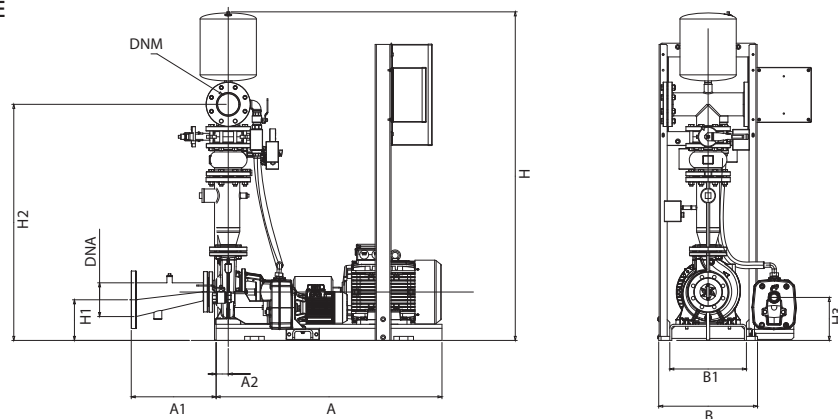
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



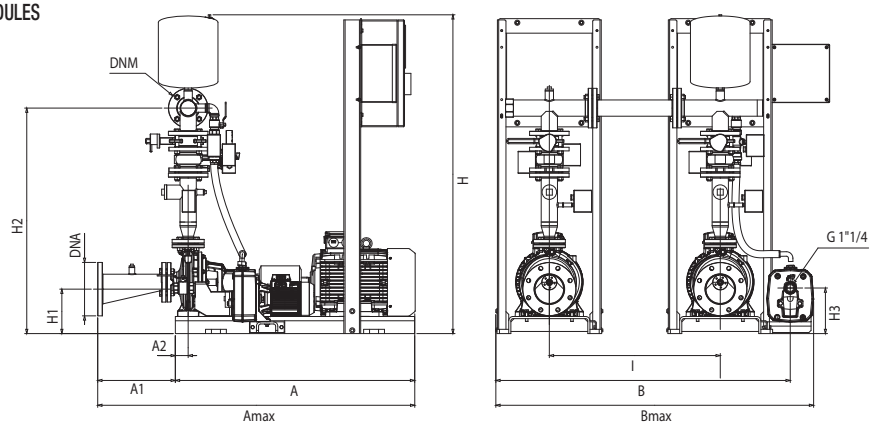
ELECTRIC PUMP MODULE



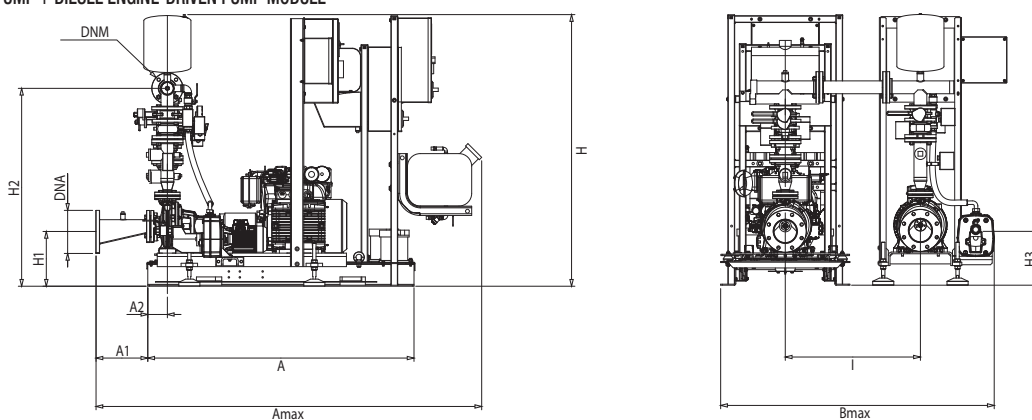
The dashed components are not included in the standard supply.

1 KDN 50-200/219 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

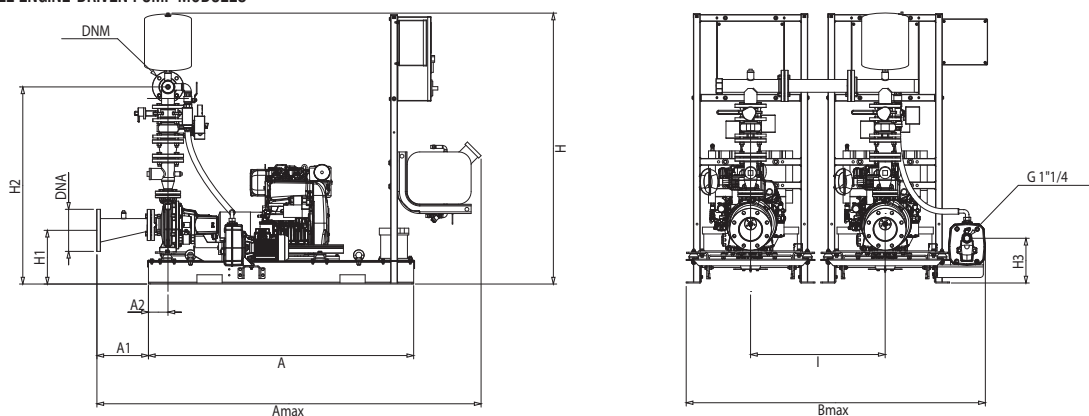
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

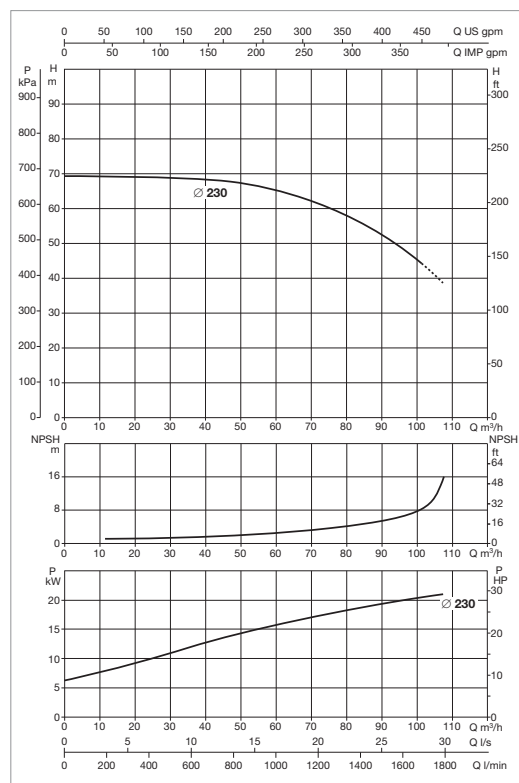


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 50-200/219 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	306	117	2284	765	-	991	1651	319	1211	266	844	-	125	80	620	643
1 KDN 50-200/219 - ELECTRIC PUMP MODULE	1120	363	60	1568	490	380	762	1560	228	1120	213	-	-	125	80	588	603
1 KDN 50-200/219 - 2 ELECTRIC PUMP MODULES	1120	363	60	1568	1380	-	1652	1560	228	1120	213	-	800	125	80	1176	1191
1 KDN 50-200/219 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	306	117	2284	-	-	2156	1651	319	1211	266	844	800	125	80	1208	1223
1 KDN 50-200/219 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	306	117	2284	-	-	2156	1651	319	1211	266	844	800	125	80	1240	1263

1 KDN 50-250/230 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 50-250/230 22	3x400 V ~	JET 251 T	22	1,85	38	KDN 50 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

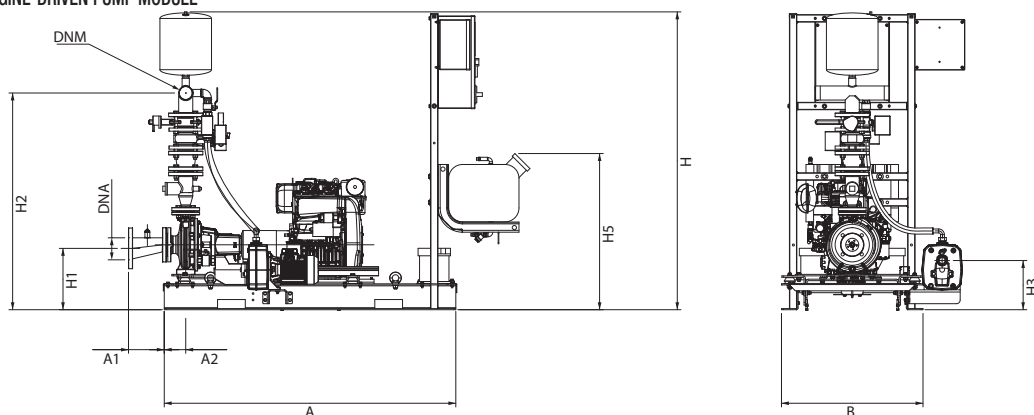
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 50-250/230 MD	3x230-400 V ~	JET 251 T	26	1,85	KDN 50 EN 12845	0,22 m²

* Jockey pump on request.

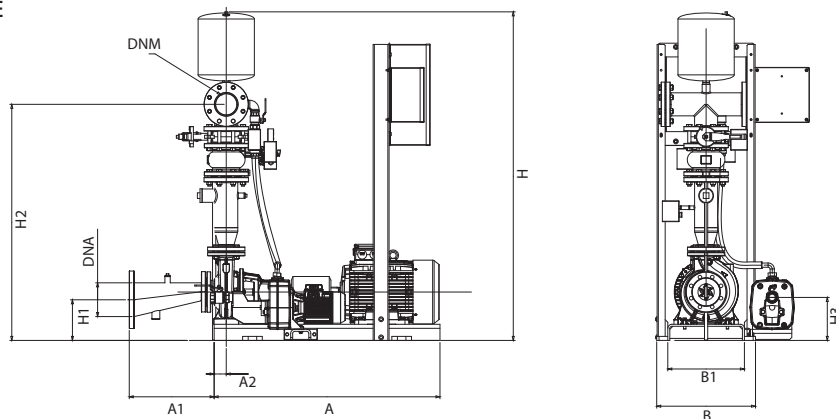
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



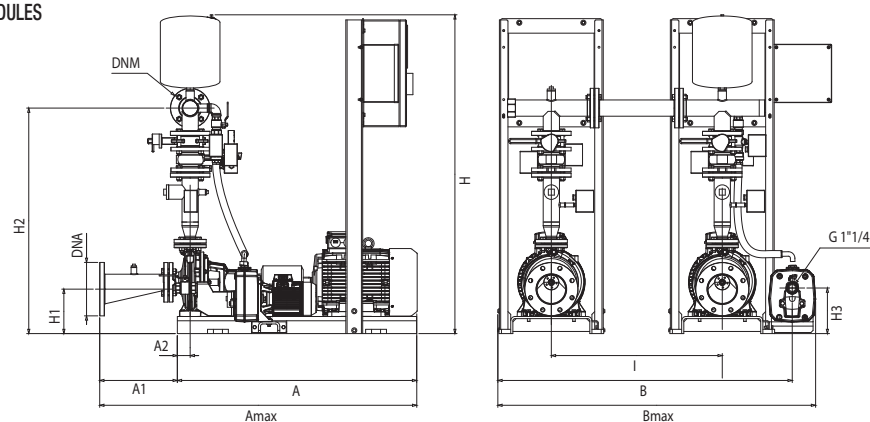
ELECTRIC PUMP MODULE



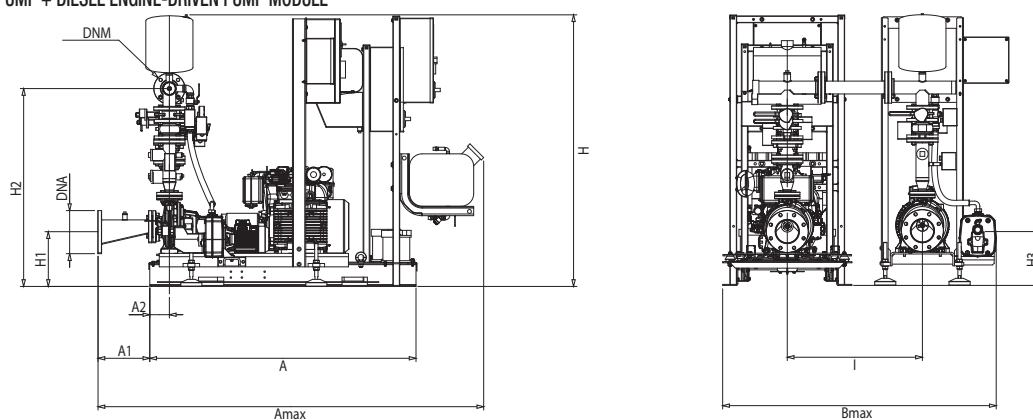
The dashed components are not included in the standard supply.

1 KDN 50-250/230 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

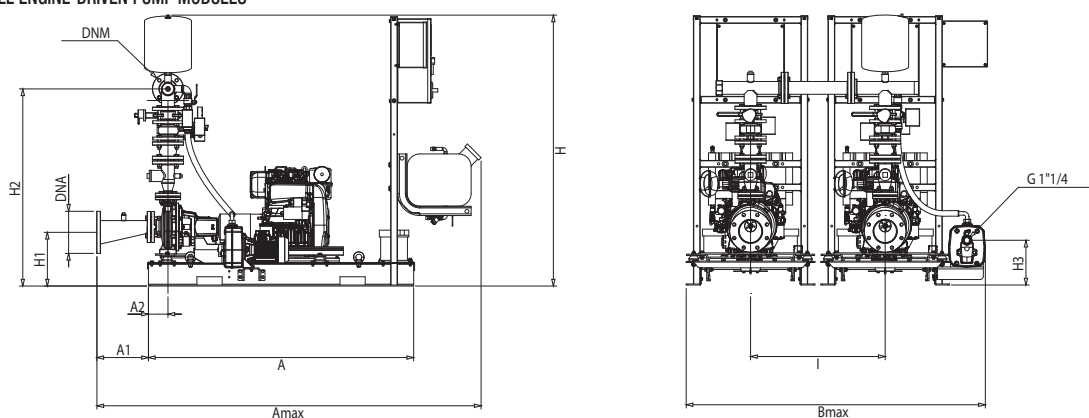
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

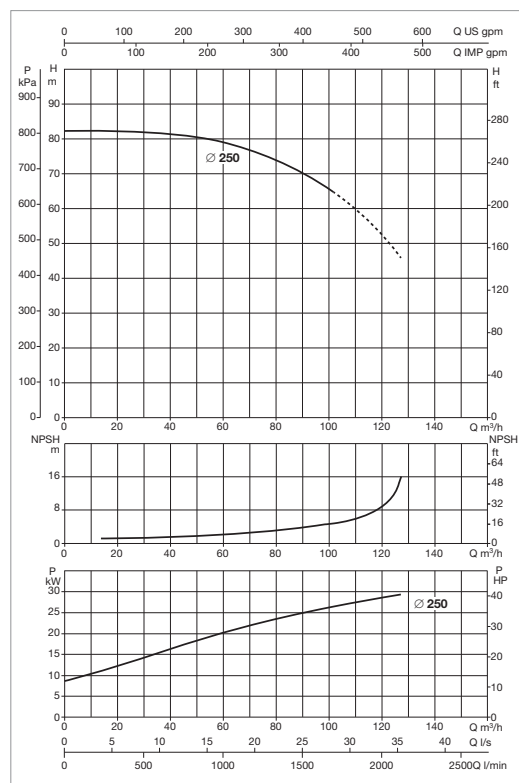


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 50-250/230 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	306	117	2284	765	-	991	1696	339	1256	266	844	-	125	80	625	645
1 KDN 50-250/230 - ELECTRIC PUMP MODULE	1250	348	75	1598	490	430	812	1585	228	1145	213	-	-	125	80	595	620
1 KDN 50-250/230 - 2 ELECTRIC PUMP MODULES	1250	348	75	1598	1380	-	1702	1585	228	1145	213	-	800	125	80	1190	1215
1 KDN 50-250/230 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	306	117	2284	-	-	2156	1696	339	1256	266	844	800	125	80	1220	1245
1 KDN 50-250/230 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	306	117	2284	-	-	2156	1696	339	1256	266	844	800	125	80	1250	1270

1 KDN 50-250/250 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 50-250/250 30	3x400 V ~	JET 251 T	30	1,85	52	KDN 50 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

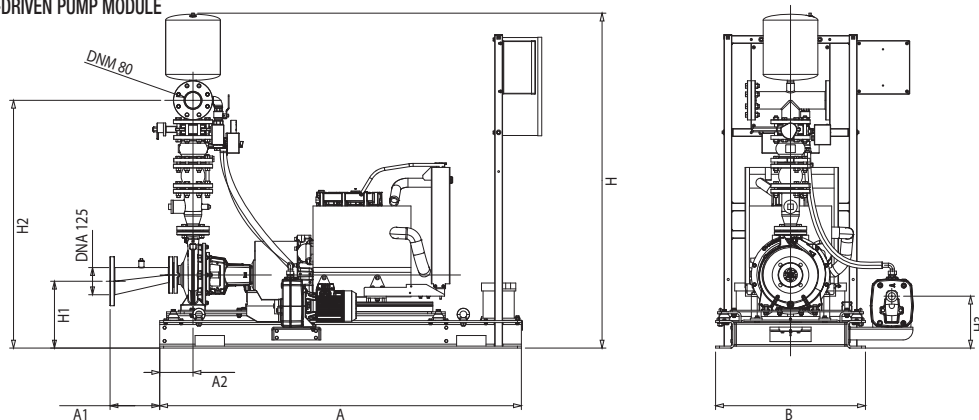
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 50-250/250 MD	3x230-400 V ~	JET 251 T	37	1,85	KDN 50 EN 12845	0,40 m²

* Jockey pump on request.

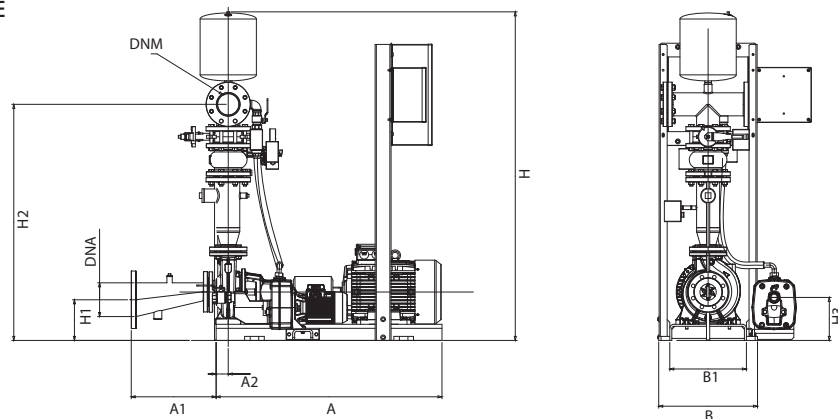
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



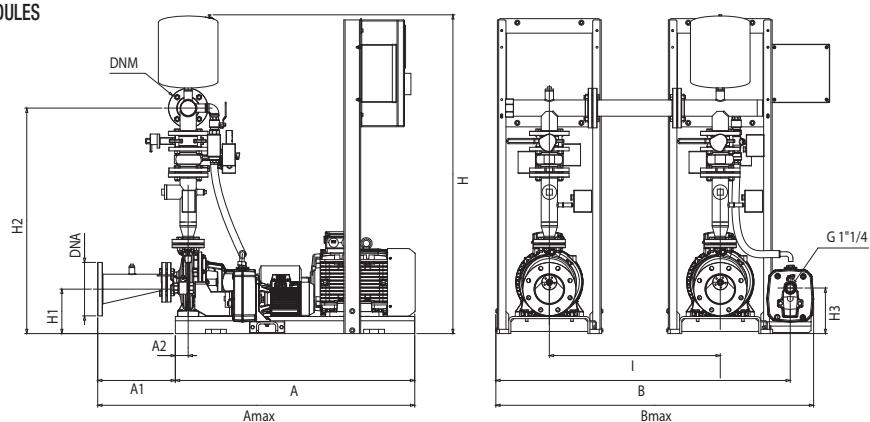
ELECTRIC PUMP MODULE



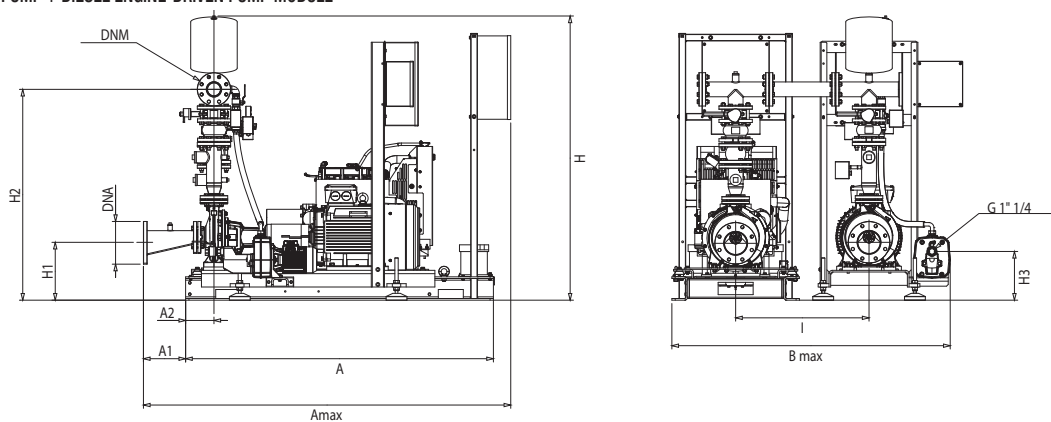
The dashed components are not included in the standard supply.

1 KDN 50-250/250 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

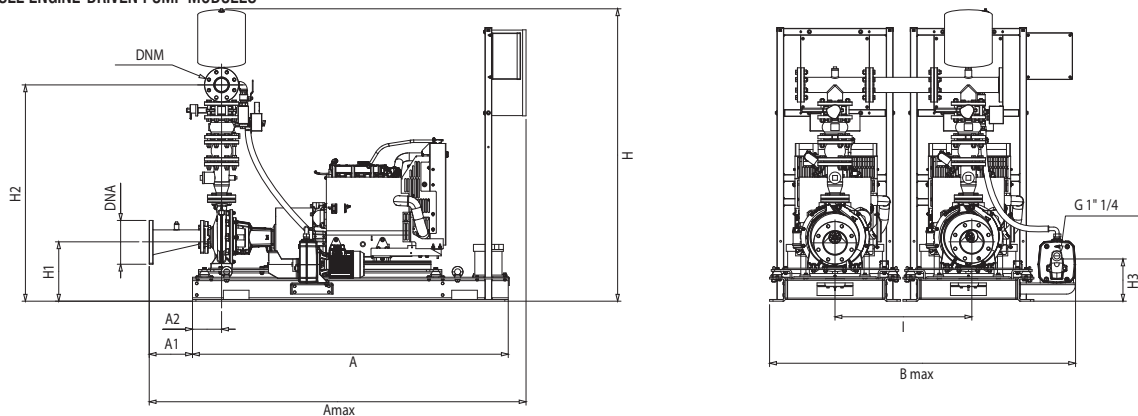
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

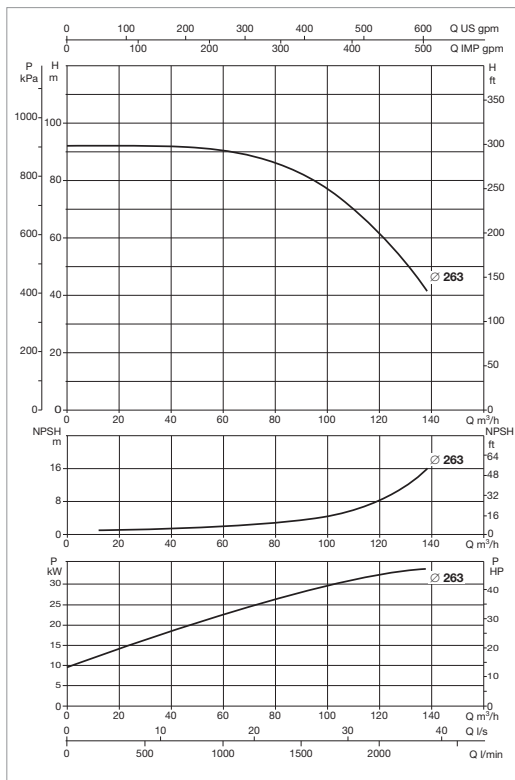


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 50-250/250 - DIESEL ENGINE DRIVEN PUMP MODULE	1846	253	170	2284	765	-	1007	1709	341	1264	265	-	-	125	80	798	798
1 KDN 50-250/250 - ELECTRIC PUMP MODULE	1325	348	75	1748	590	480	862	1625	266	1185	213	-	-	125	80	655	680
1 KDN 50-250/250 - 2 ELECTRIC PUMP MODULES	1325	348	75	1748	1580	-	1852	1625	266	1185	213	-	800	125	80	1310	1335
1 KDN 50-250/250 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1846	253	170	2284	-	-	2172	1709	341	1264	265	-	800	125	80	1310	1335
1 KDN 50-250/250 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1846	253	170	2284	-	-	2172	1709	341	1264	265	-	800	125	80	1310	1596

1 KDN 50-250/263 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 50-250/263 37	3x400 V ~	KV 3/12 T	37	1,5	63	KDN 50 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

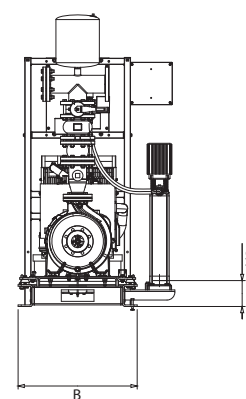
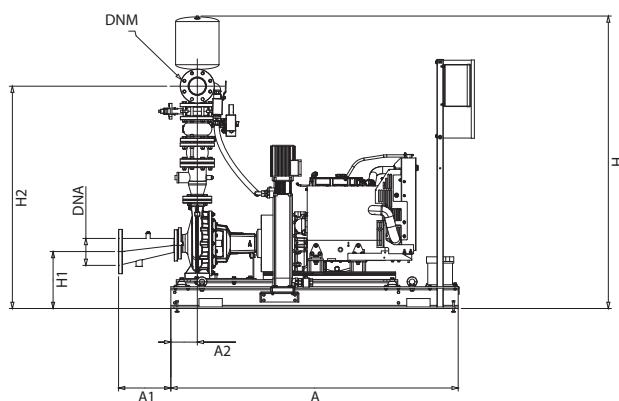
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 50-250/263 MD	3x230-400 V ~	KV 3/12 T	37	1,5	KDN 50 EN 12845	0,40 m²

* Jockey pump on request.

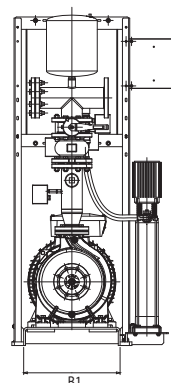
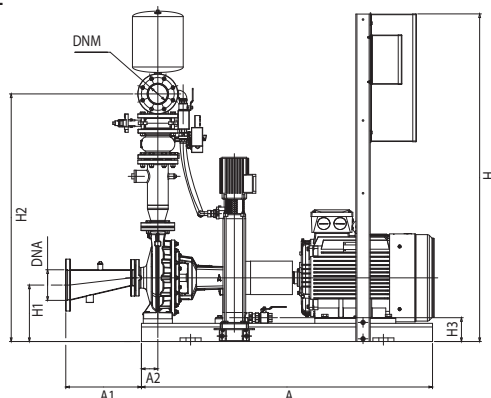
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



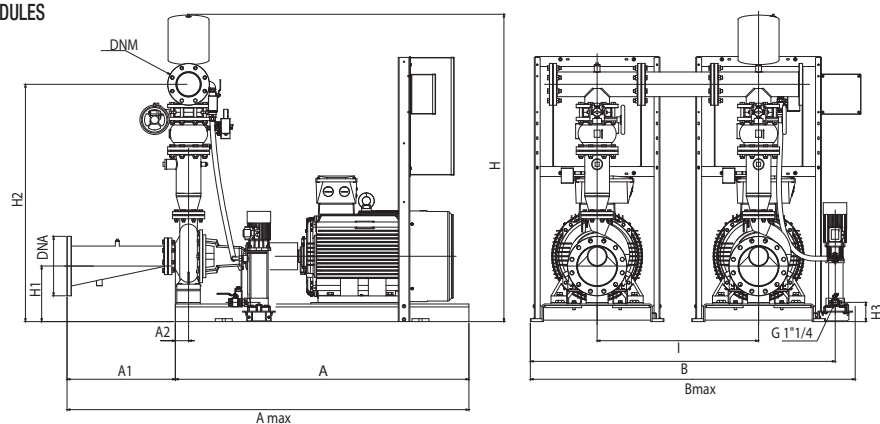
ELECTRIC PUMP MODULE



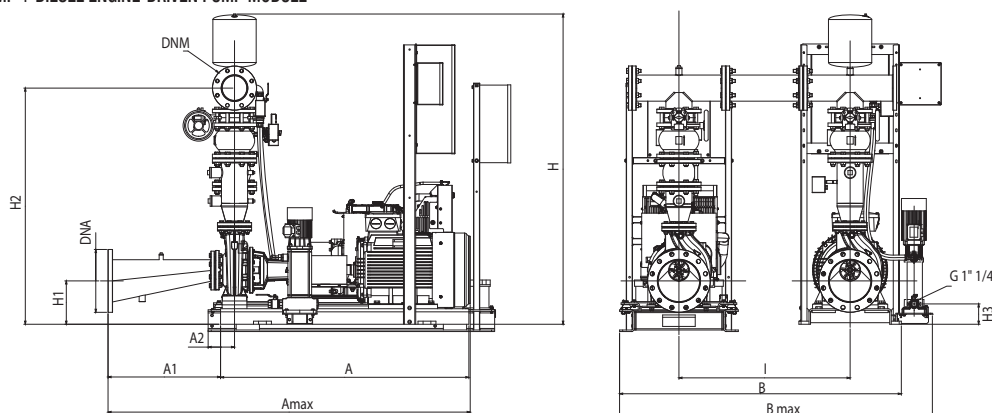
The dashed components are not included in the standard supply.

1 KDN 50-250/263 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

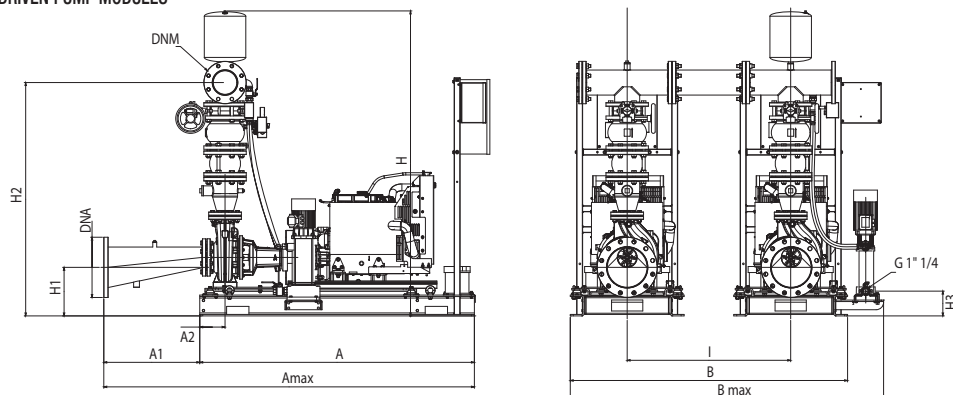
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

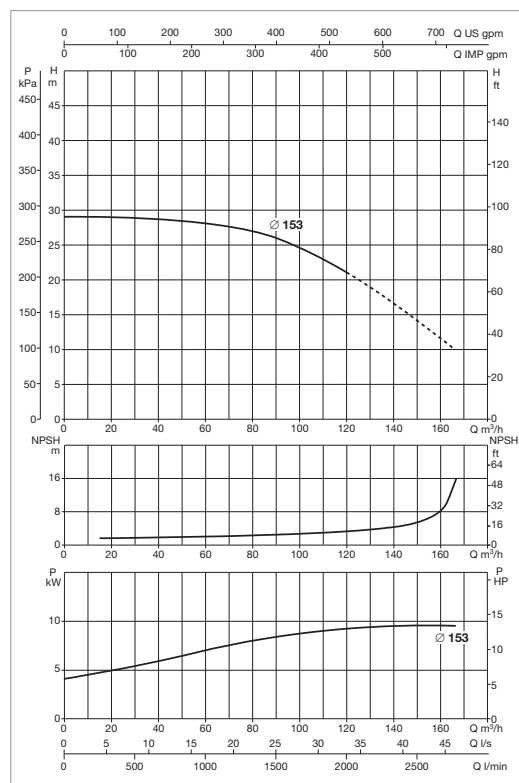


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 50-250/263 - DIESEL ENGINE DRIVEN PUMP MODULE	1846	253	170	2284	765	-	1007	1709	341	1264	265	-	-	125	80	803	812
1 KDN 50-250/263 - ELECTRIC PUMP MODULE	1325	348	75	1748	590	480	862	1625	266	1185	213	-	-	125	80	905	933
1 KDN 50-250/263 - 2 ELECTRIC PUMP MODULES	1325	348	75	1748	1580	-	1852	1625	266	1185	213	-	800	125	80	1810	1838
1 KDN 50-250/263 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1846	253	170	2284	-	-	2172	1709	341	1264	265	-	800	125	80	1708	1736
1 KDN 50-250/263 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1846	253	170	2284	-	-	2172	1709	341	1264	265	-	800	125	80	1606	1615

1 KDN 65-160/153- UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 65-160/153 11	3x400 V ~	JET 251 T	11	1,85	19,4	KDN 65 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

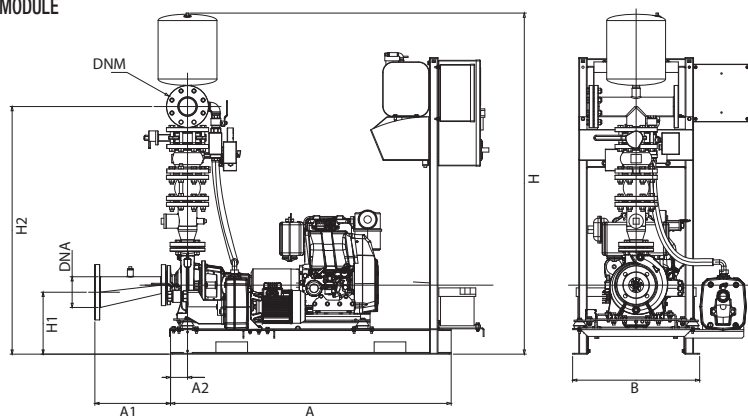
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 65-160/153 MD	3x230-400 V ~	JET 251 T	11	1,85	KDN 65 EN 12845	0,22 m²

* Jockey pump on request.

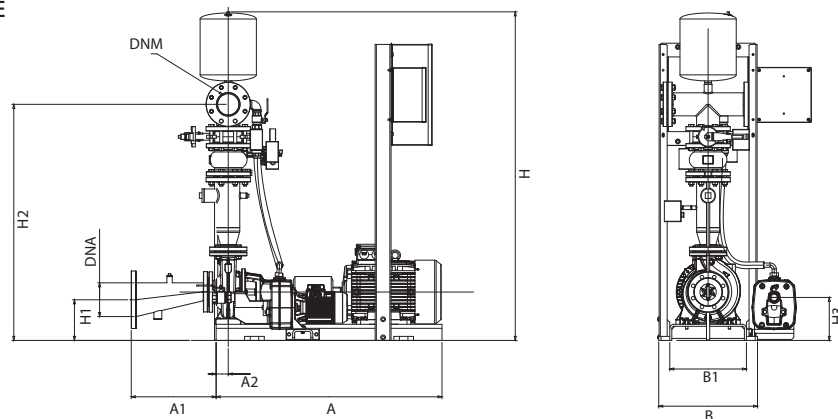
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



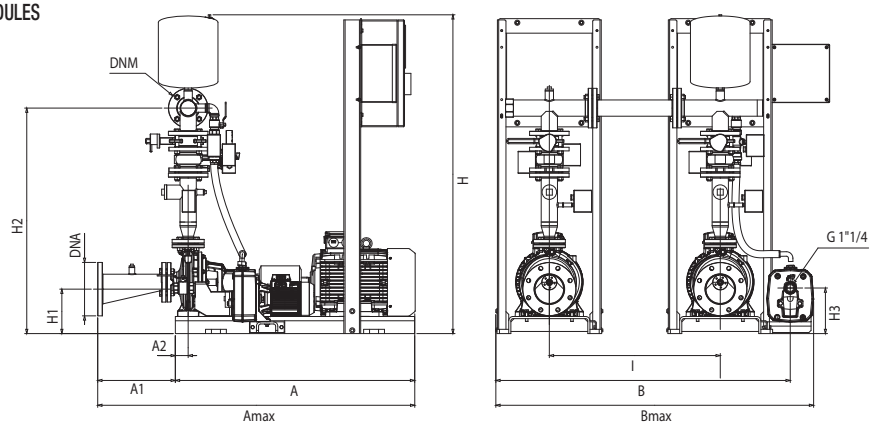
ELECTRIC PUMP MODULE



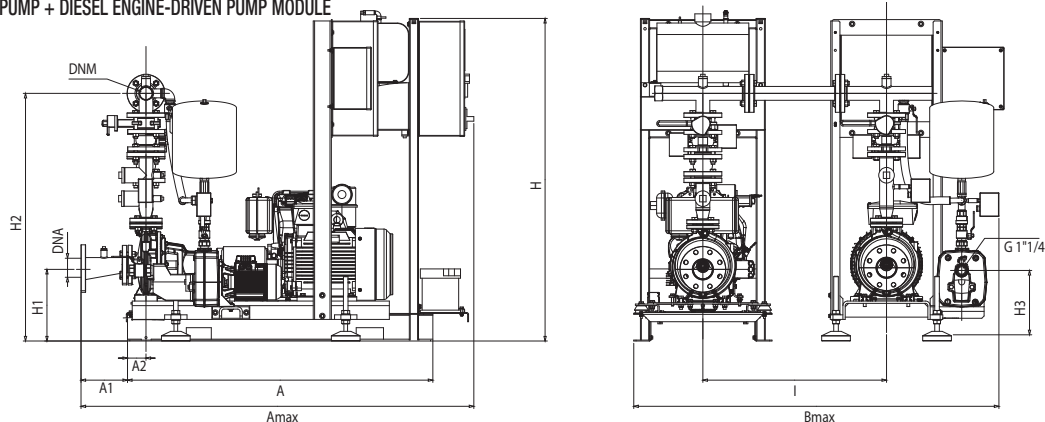
The dashed components are not included in the standard supply.

1 KDN 65-160/153 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

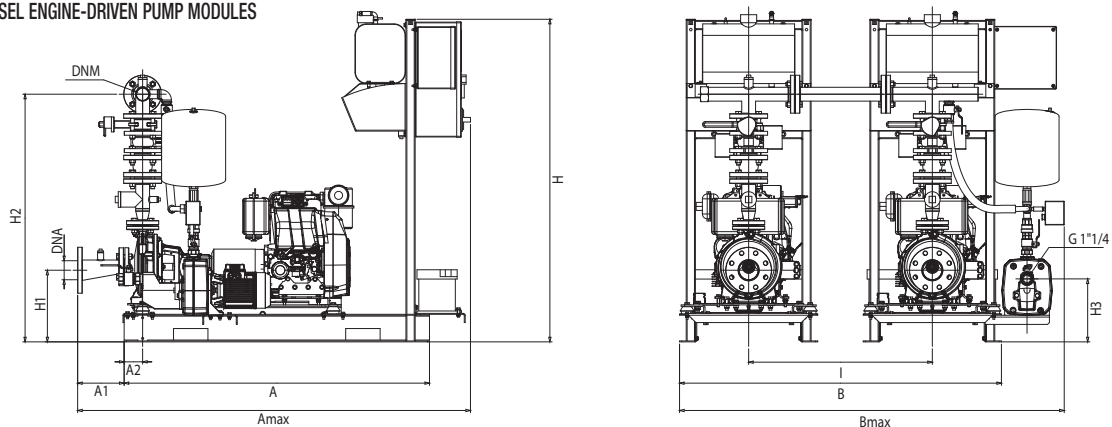
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

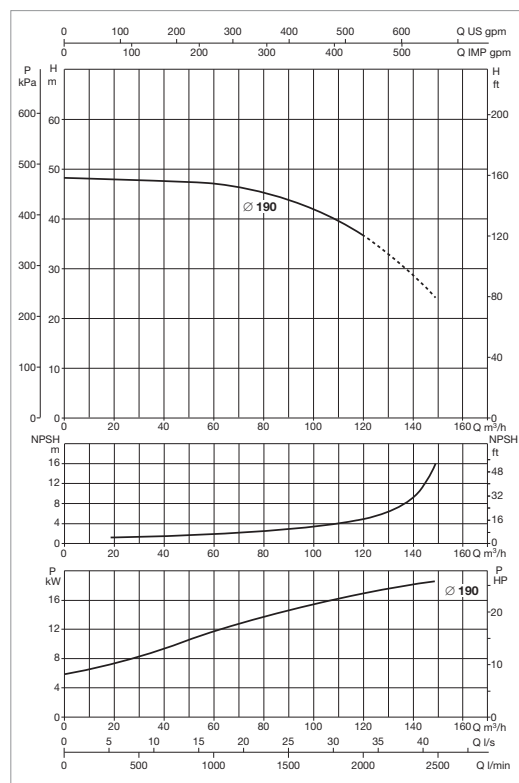


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 65-160/153 - DIESEL ENGINE DRIVEN PUMP MODULE	1330	400	81	1901	602	-	841	1717	290	1261	274	-	-	150	100	364	387
1 KDN 65-160/153 - ELECTRIC PUMP MODULE	1120	421	60	1543	490	380	762	1630	202	1171	213	-	-	150	100	475	498
1 KDN 65-160/153 - 2 ELECTRIC PUMP MODULES	1120	421	60	1543	1480	-	1752	1630	202	1171	213	-	800	150	100	950	973
1 KDN 65-160/153 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1330	400	81	1901	1704	-	1943	1717	290	1261	274	-	800	150	100	839	862
1 KDN 65-160/153 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1330	400	81	1901	1704	-	1943	1717	290	1261	274	-	800	150	100	728	751

1 KDN 65-200/190 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN UNI EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 65-200/190 18,5	3x400 V ~	JET 251 T	18,5	1,85	32	KDN 65 EN 12845

KDN UNI EN 12845 DIESEL ENGINE-DRIVEN PUMP

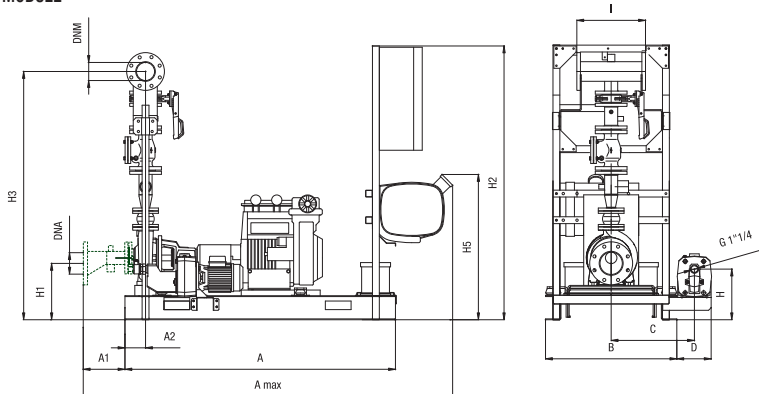
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 65-200/190 MD	3x230-400 V ~	JET 251 T	19	1,85	KDN 65 EN 12845	0,22 m²

* Jockey pump on request.

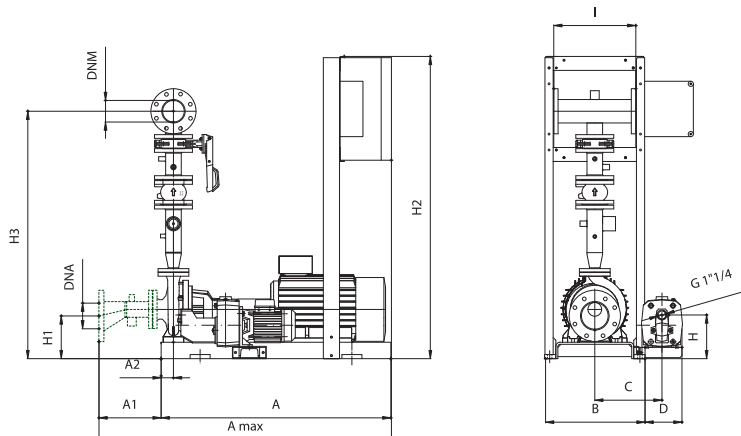
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



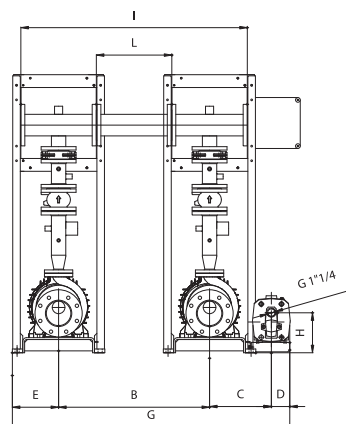
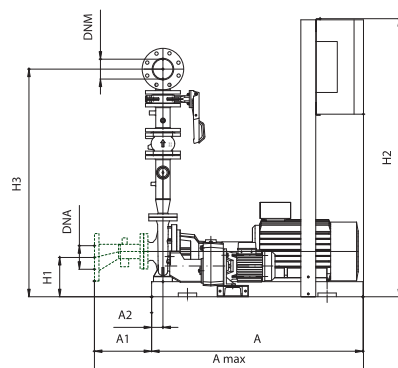
ELECTRIC PUMP MODULE



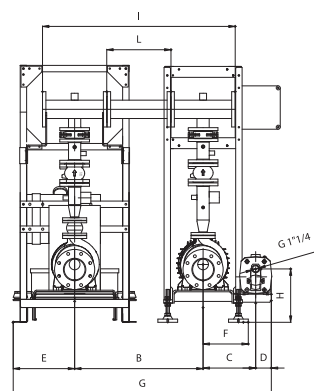
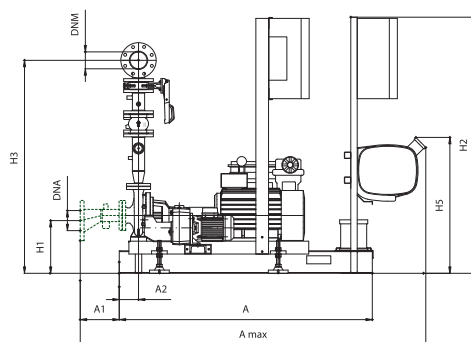
The dashed components are not included in the standard supply.

1 KDN 65-200/190 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

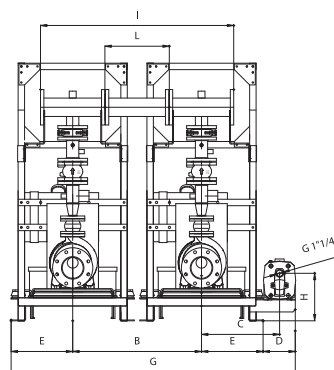
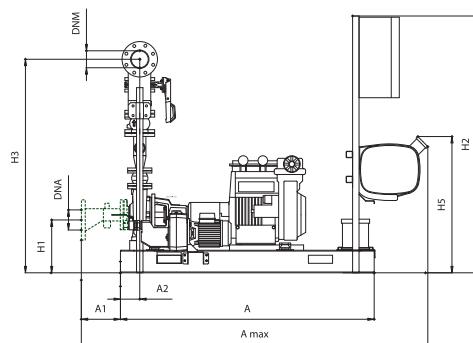
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

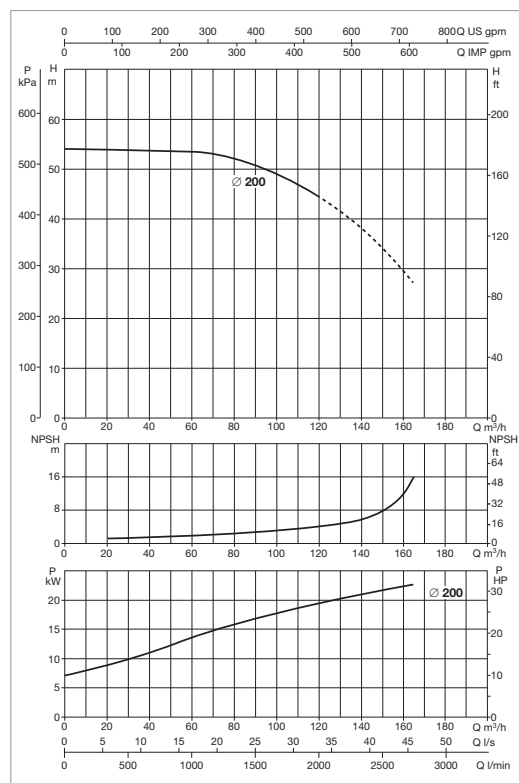


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 65-200/190 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	365	117	2342	765	-	991	1782	331	1326	266	844	-	150	100	573	594
1 KDN 65-200/190 - ELECTRIC PUMP MODULE	1175	481	75	1601	540	430	812	1672	220	1100	213	-	-	150	100	603	623
1 KDN 65-200/190 - 2 ELECTRIC PUMP MODULES	1175	481	75	1601	1580	-	1852	1672	220	1100	213	-	800	150	100	1206	1226
1 KDN 65-200/190 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	365	117	2342	-	-	2256	1782	331	1326	266	844	800	150	100	1176	1196
1 KDN 65-200/190 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	365	117	2342	-	-	2256	1782	331	1326	266	844	800	150	100	1146	1167

1 KDN 65-200/200 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 65-200/200 22	3x400 V ~	JET 251 T	22	1,85	38	KDN 65 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

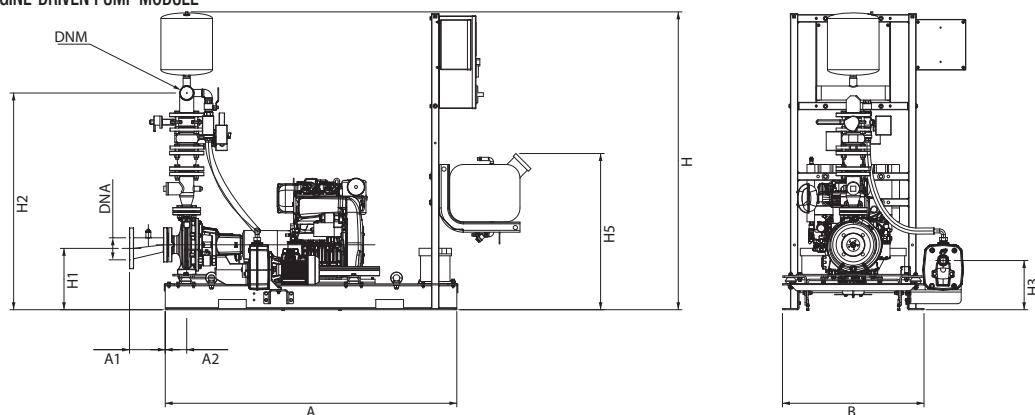
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 65-200/200 MD	3x230-400 V ~	JET 251 T	26	1,85	KDN 65 EN 12845	0,22 m²

* Jockey pump on request.

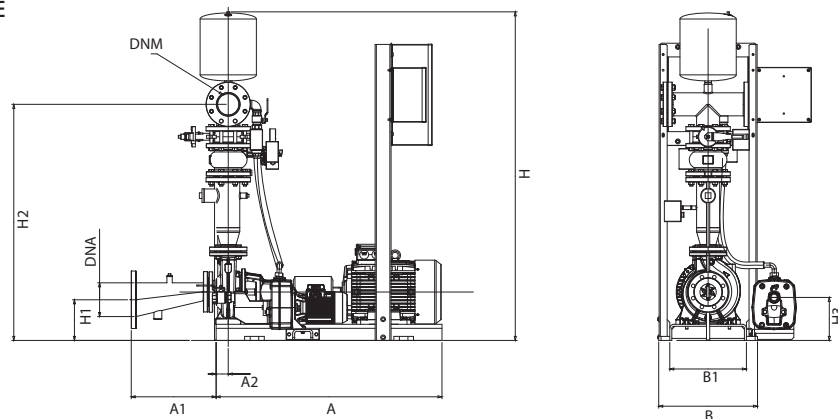
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



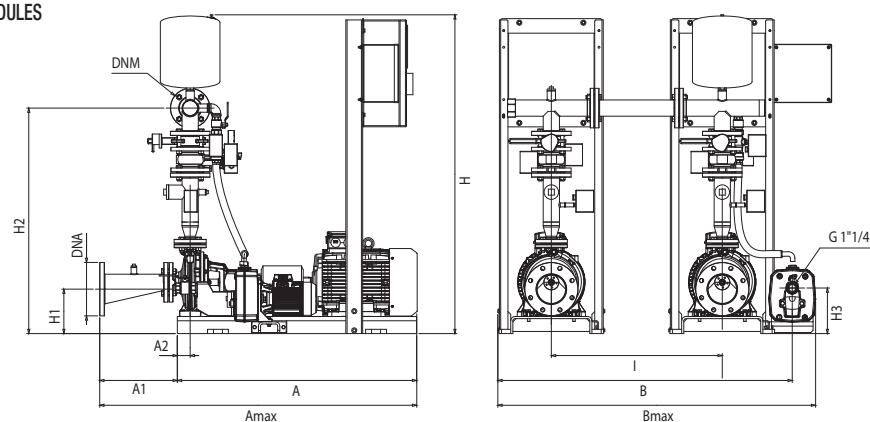
ELECTRIC PUMP MODULE



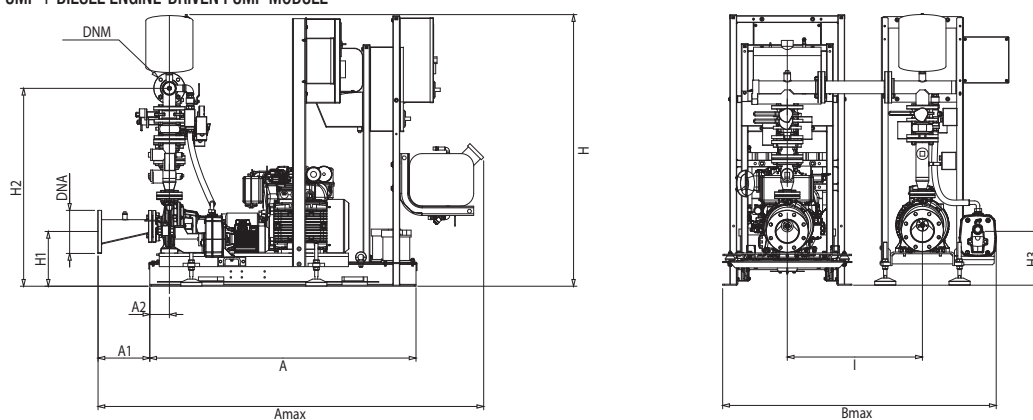
The dashed components are not included in the standard supply.

1 KDN 65-200/200 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

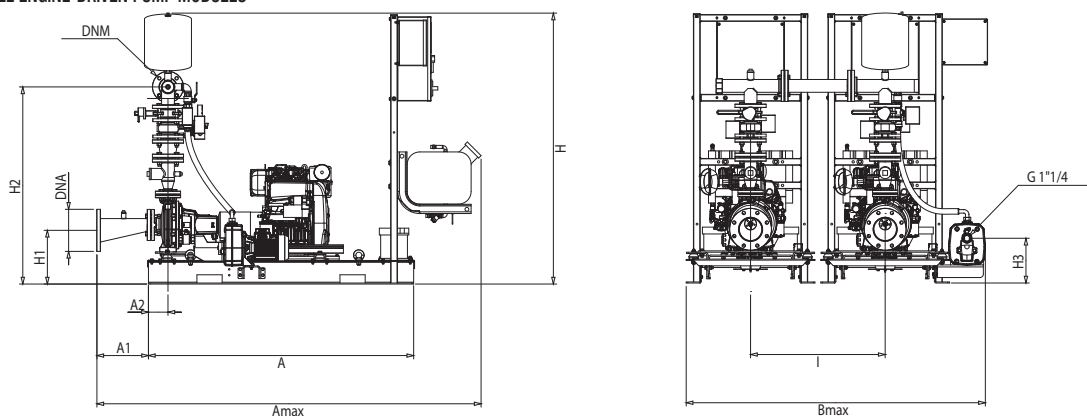
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

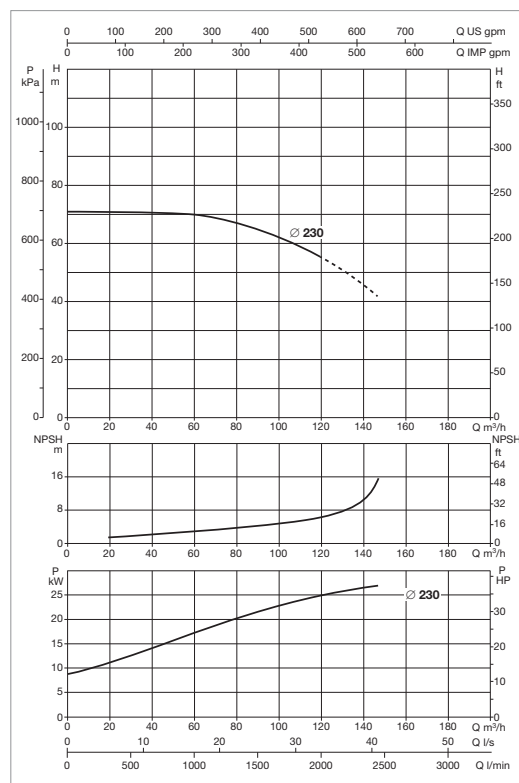


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 65-200/200 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	365	117	2342	765	-	991	1782	330	1326	266	844	-	150	100	634	652
1 KDN 65-200/200 - ELECTRIC PUMP MODULE	1260	406	75	1665	540	430	812	1672	220	1213	213	-	-	150	100	625	645
1 KDN 65-200/200 - 2 ELECTRIC PUMP MODULES	1260	406	75	1665	1580	-	1852	1672	220	1213	213	-	800	150	100	1250	1270
1 KDN 65-200/200 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	365	117	2342	-	-	2256	1782	330	1326	266	844	800	150	100	1259	1279
1 KDN 65-200/200 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	365	117	2342	-	-	2256	1782	330	1326	266	844	800	150	100	1268	1286

1 KDN 65-250/230 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 65-250/230 30	3x400 V ~	JET 251 T	30	1,85	52	KDN 65 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

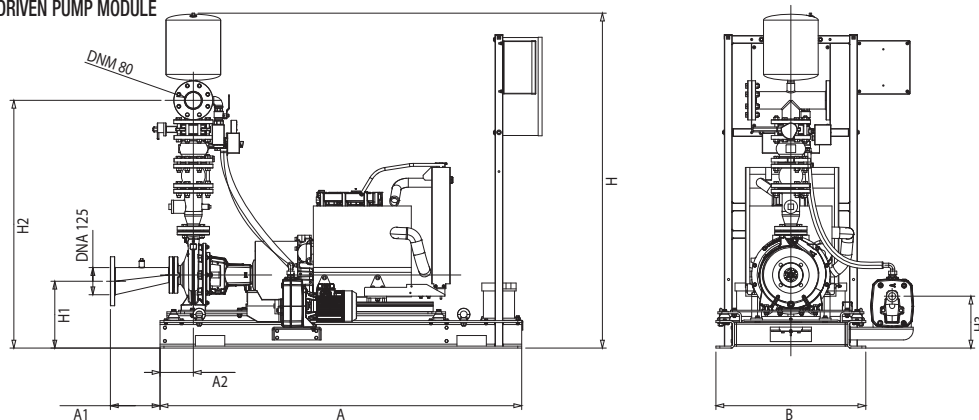
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 65-250/230 MD	3x230-400 V ~	JET 251 T	26	1,85	KDN 65 EN 12845	0,22 m²

* Jockey pump on request.

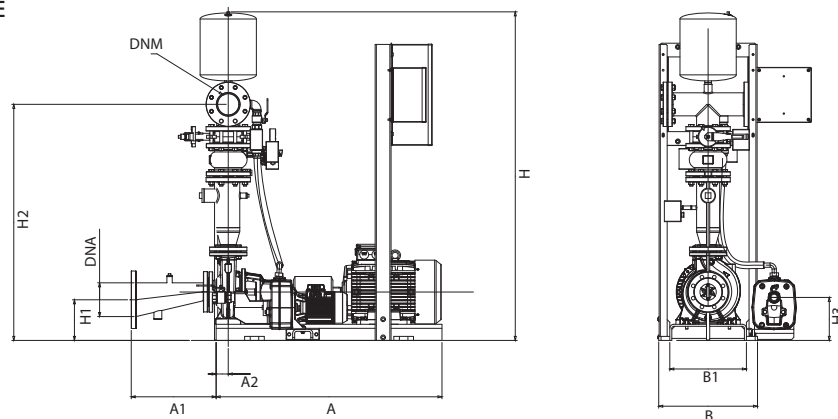
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



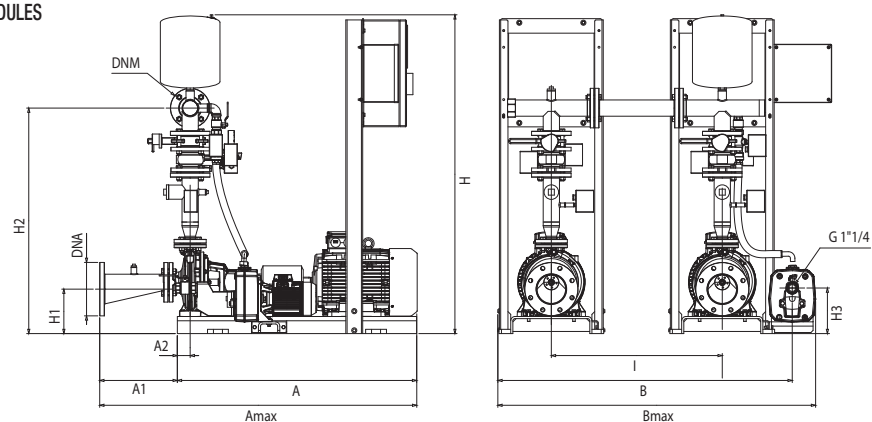
ELECTRIC PUMP MODULE



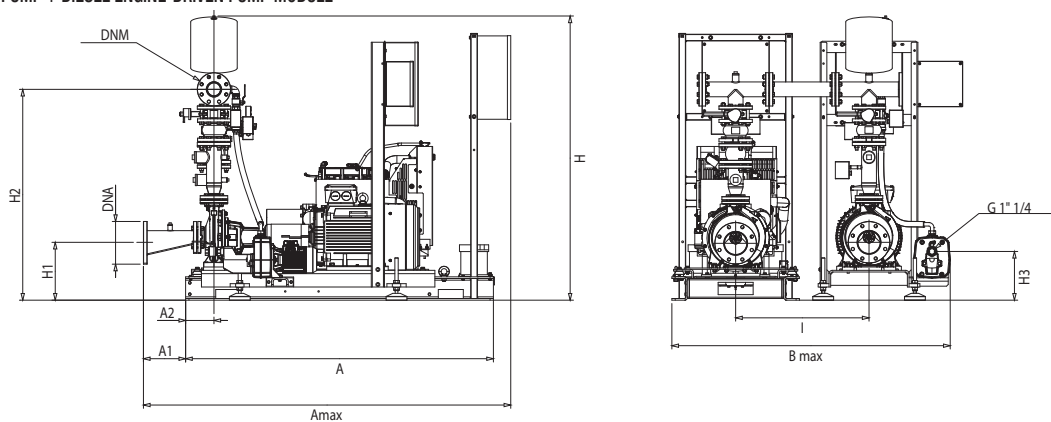
The dashed components are not included in the standard supply.

1 KDN 65-250/230 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

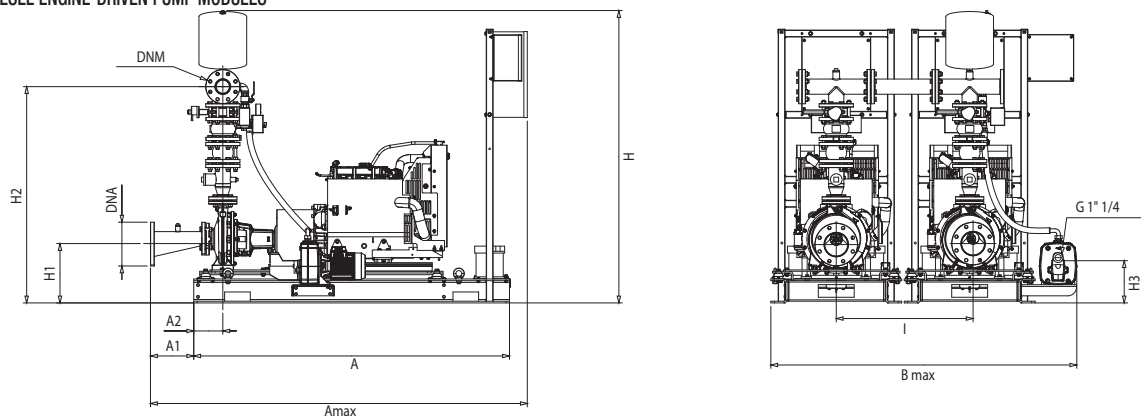
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

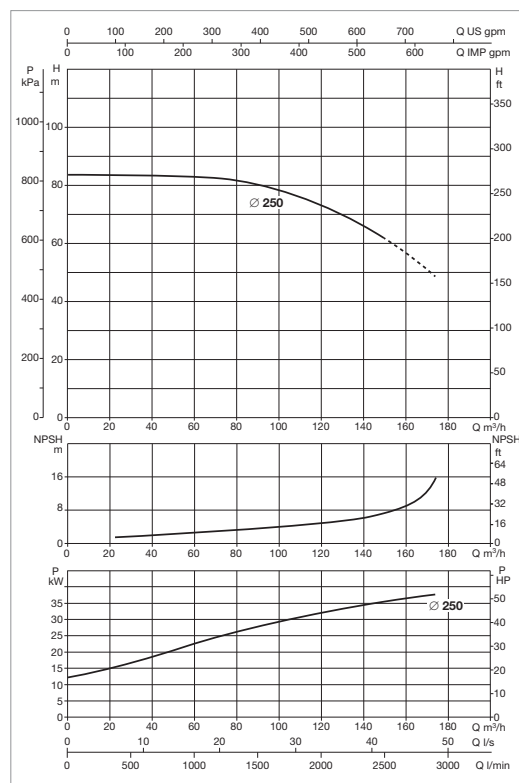


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 65-250/230 - DIESEL ENGINE DRIVEN PUMP MODULE	1846	311	170	2558	765	-	1033	1824	353	1372	266	844	-	150	100	722	742
1 KDN 65-250/230 - ELECTRIC PUMP MODULE	1400	391	90	1860	590	480	862	1737	260	1278	213	-	-	150	100	708	708
1 KDN 65-250/230 - 2 ELECTRIC PUMP MODULES	1400	391	90	1860	1680	-	1952	1737	260	1278	213	-	900	150	100	1416	1416
1 KDN 65-250/230 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1846	311	170	2558	-	-	2298	1824	353	1372	266	844	900	150	100	1430	1430
1 KDN 65-250/230 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1846	311	170	2558	-	-	2298	1824	353	1372	266	844	900	150	100	1444	1464

1 KDN 65-250/250 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 65-250/250 37	3x400 V ~	KVCX 65/80 T	37	2,2	63	KDN 65 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

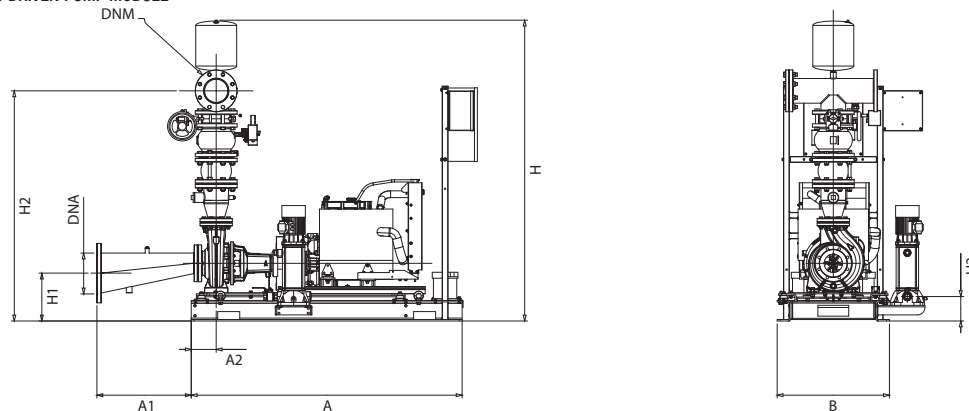
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 65-250/250 MD	3x230-400 V ~	KVCX 65/80 T	37	2,2	KDN 65 EN 12845	0,40 m²

* Jockey pump on request.

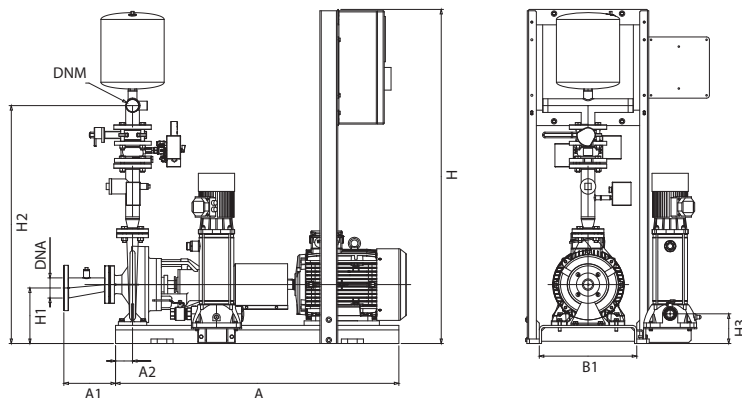
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



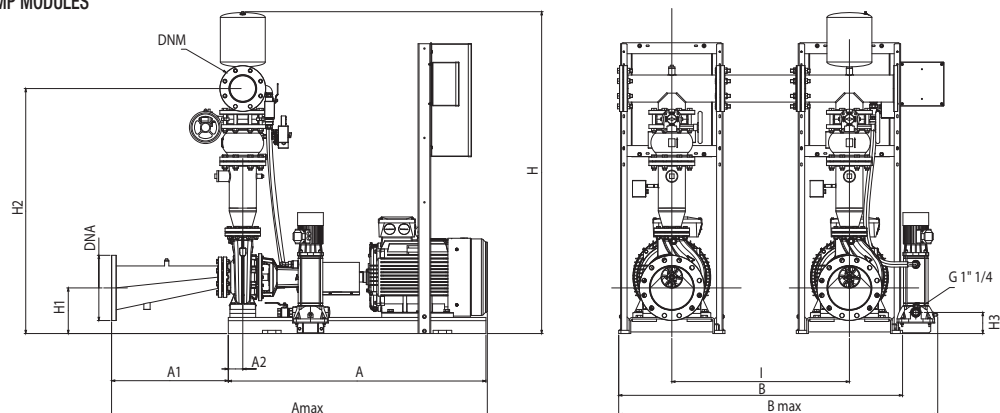
ELECTRIC PUMP MODULE



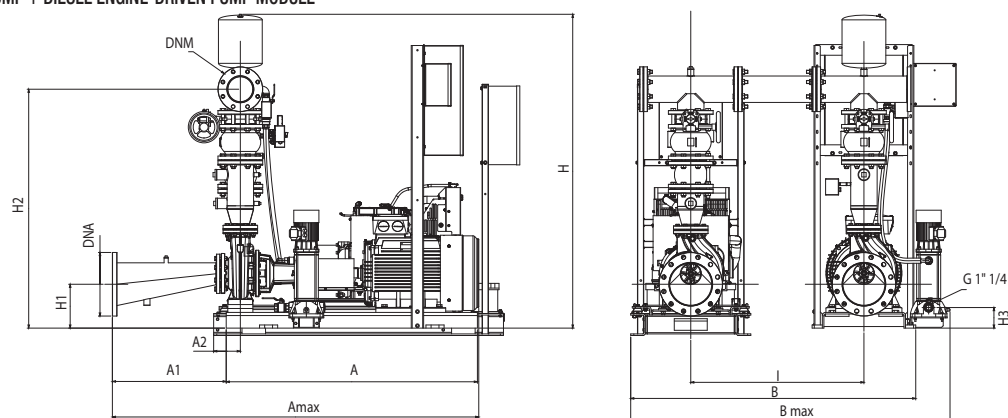
The dashed components are not included in the standard supply.

1 KDN 65-250/250 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

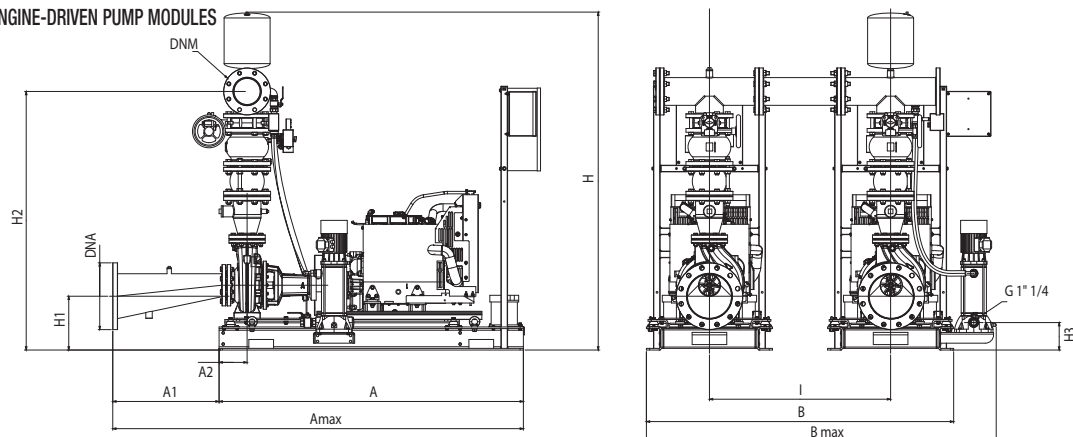
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

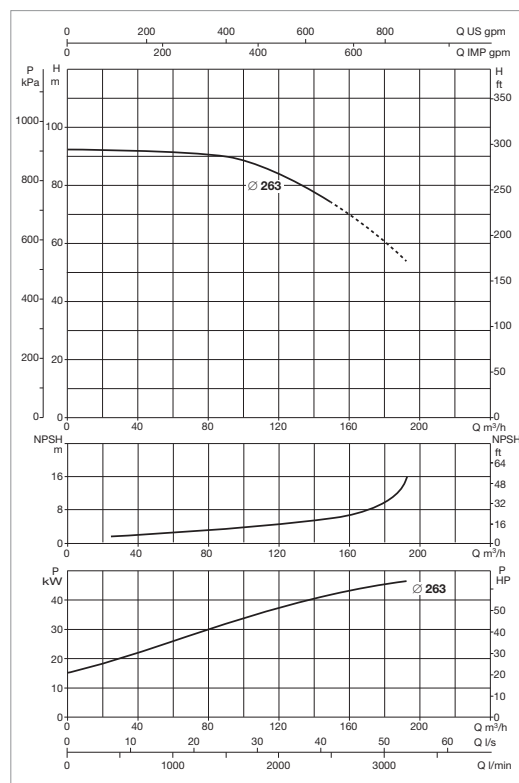


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 65-250/250 - DIESEL ENGINE DRIVEN PUMP MODULE	1846	311	170	2260	765	-	991	1824	353	1373	167	-	-	150	100	926	950
1 KDN 65-250/250 - ELECTRIC PUMP MODULE	1325	348	75	1748	590	480	862	1625	266	1185	131	-	-	150	100	909	933
1 KDN 65-250/250 - 2 ELECTRIC PUMP MODULES	1325	348	75	1748	1680	-	1952	1625	266	1185	131	-	900	150	100	1818	1842
1 KDN 65-250/250 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1846	311	170	2260	-	-	2256	1824	353	1373	167	-	900	150	100	1835	1859
1 KDN 65-250/250 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1846	311	170	2260	-	-	2256	1824	353	1373	167	-	900	150	100	1852	1876

1 KDN 65-250/263 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 65-250/263 45	3x400 V ~	KVCX 65/80 T	45	2,2	76	KDN 65 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

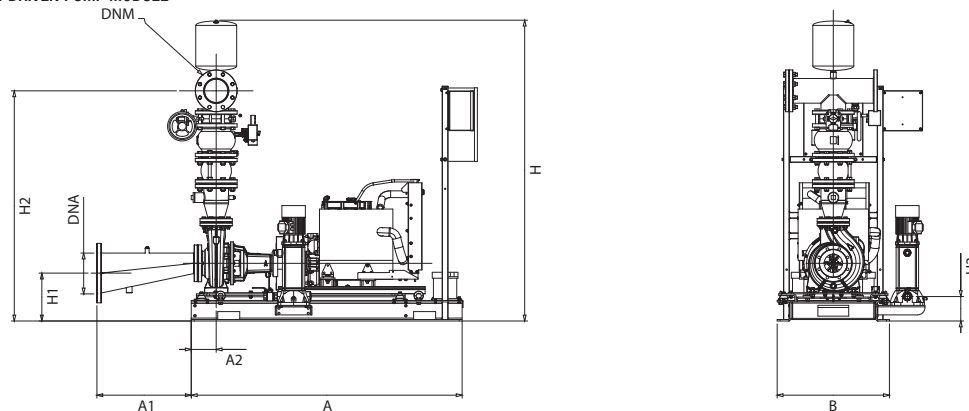
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 65-250/263 MD	3x230-400 V ~	KVCX 65/80 T	53	2,2	KDN 65 EN 12845	0,40 m²

* Jockey pump on request.

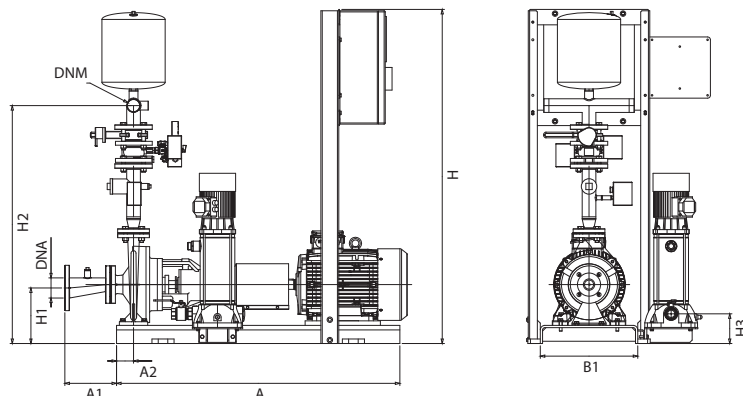
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



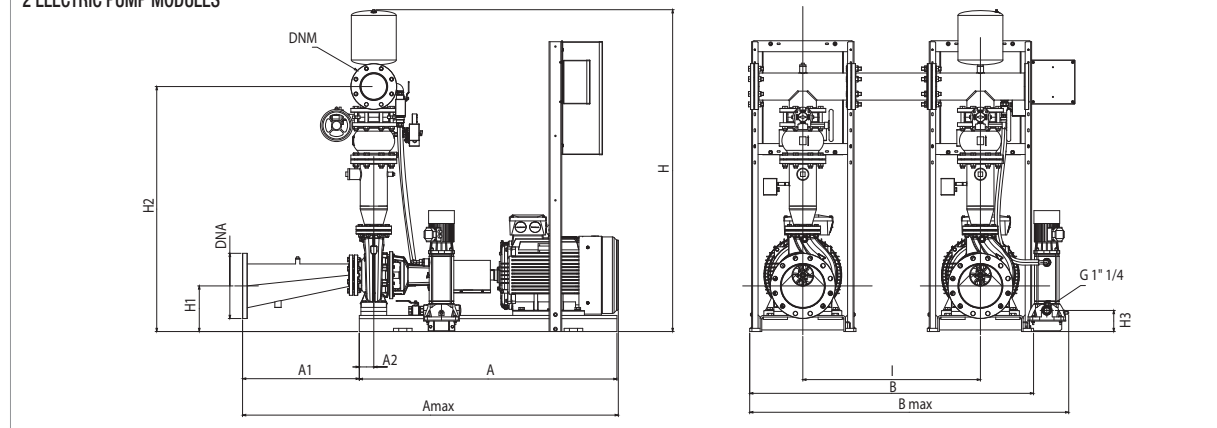
ELECTRIC PUMP MODULE



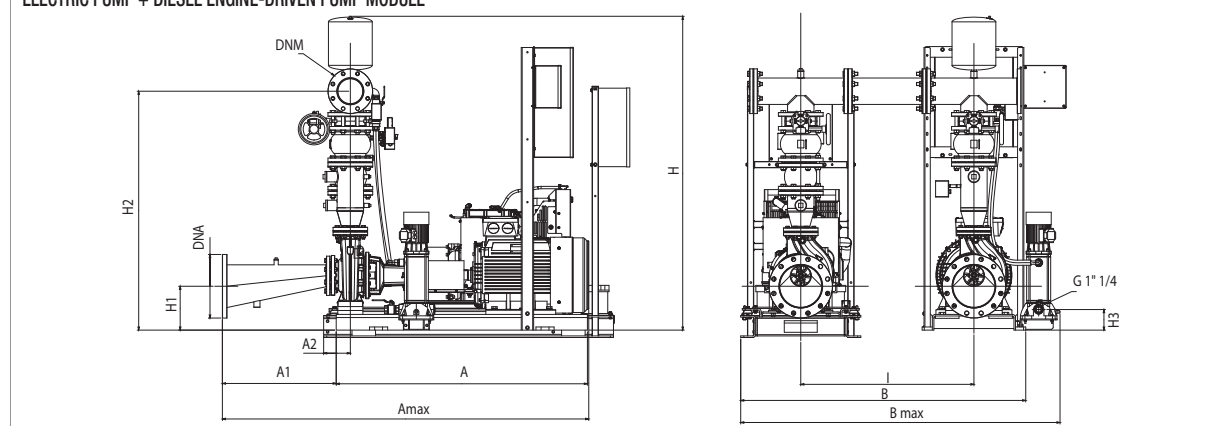
The dashed components are not included in the standard supply.

1 KDN 65-250/263 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

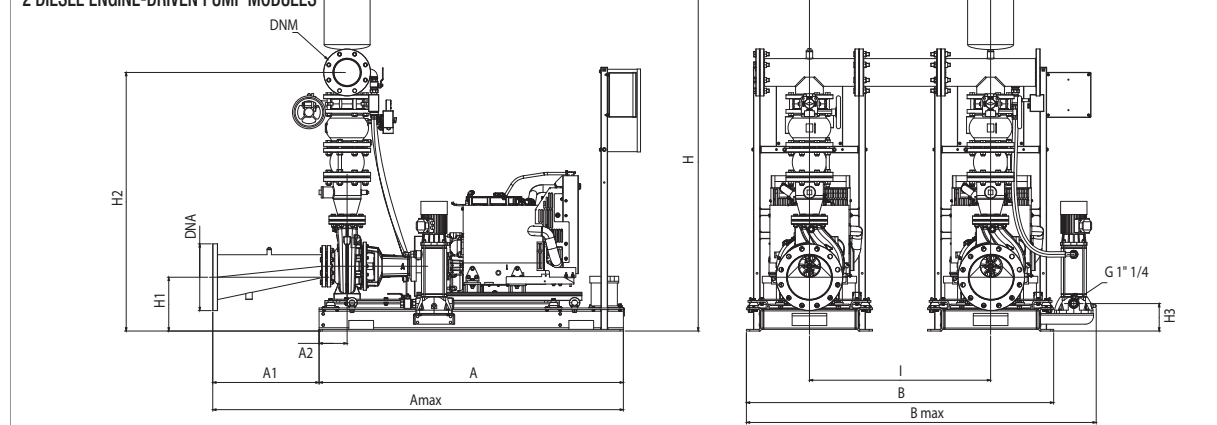
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

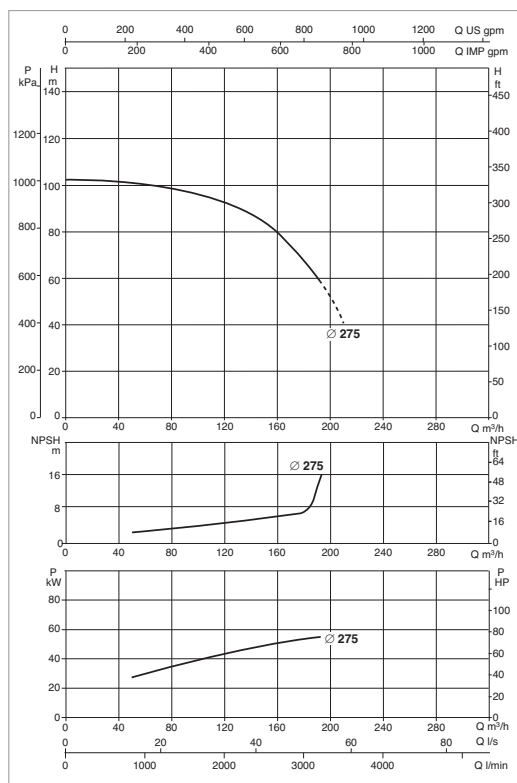


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 65-250/263 - DIESEL ENGINE DRIVEN PUMP MODULE	1846	311	170	2260	765	-	991	1824	353	1373	167	-	-	150	100	950	980
1 KDN 65-250/263 - ELECTRIC PUMP MODULE	1517	391	90	1907	590	480	862	1806	285	1303	131	-	-	150	100	933	963
1 KDN 65-250/263 - 2 ELECTRIC PUMP MODULES	1517	391	90	1907	1680	-	1952	1806	285	1303	131	-	900	150	100	1866	1896
1 KDN 65-250/263 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1846	311	170	2260	-	-	2256	1824	353	1373	167	-	900	150	100	1883	1913
1 KDN 65-250/263 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1846	311	170	2260	-	-	2256	1824	353	1373	167	-	900	150	100	1900	1930

1 KDN 65-315/275 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 65-315/275 55	3x400 V ~	KV 3/15 T	55	1,85	95	KDN 65 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

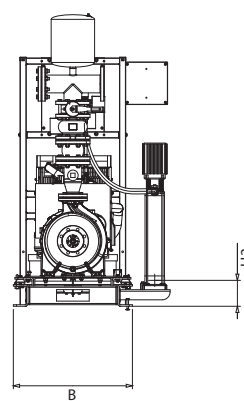
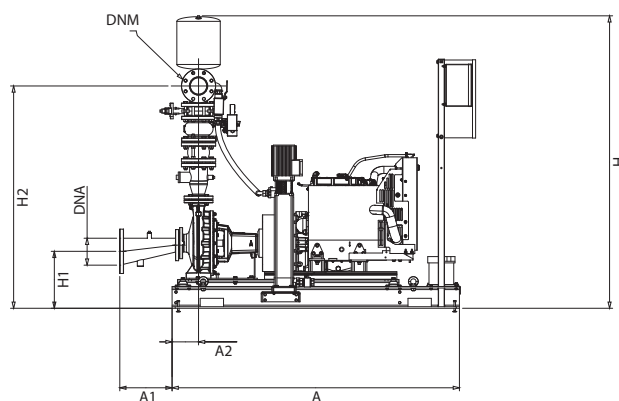
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 65-315/275 MD	3x230-400 V ~	KV 3/15 T	53	1,85	KDN 65 EN 12845	0,40 m²

* Jockey pump on request.

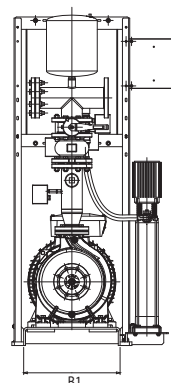
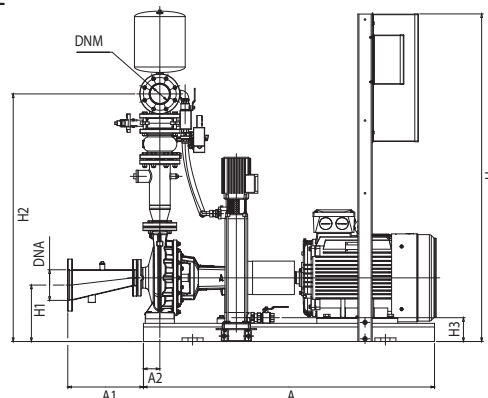
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE

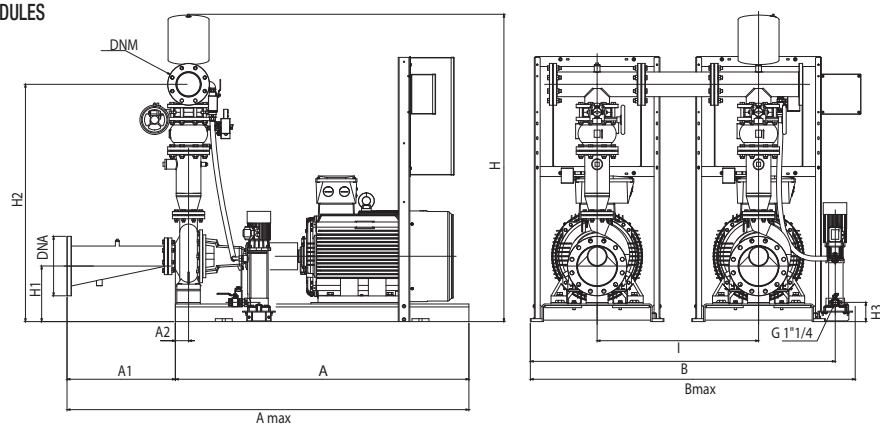


ELECTRIC PUMP MODULE

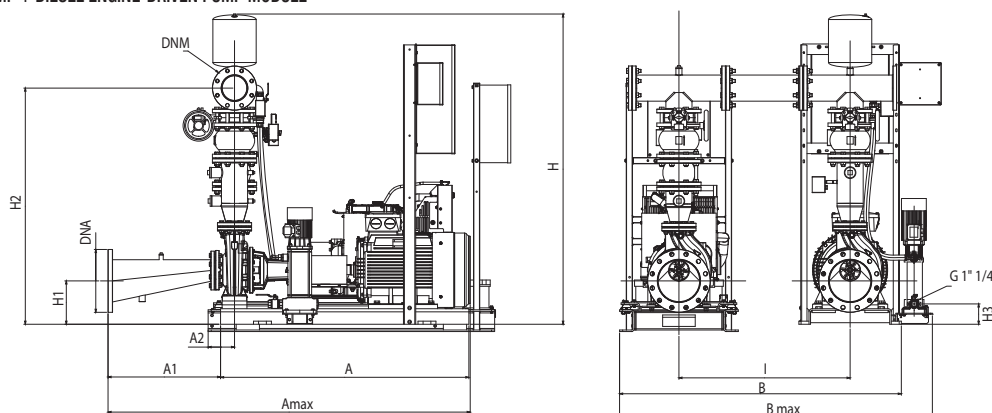


1 KDN 65-315/275 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

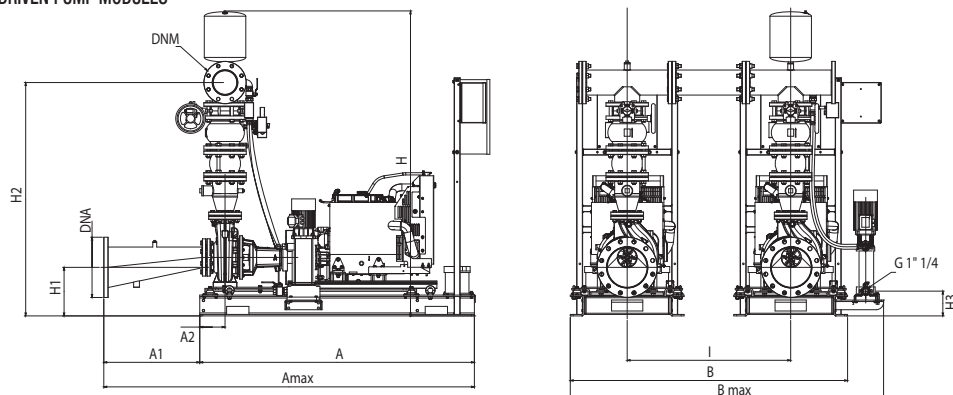
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

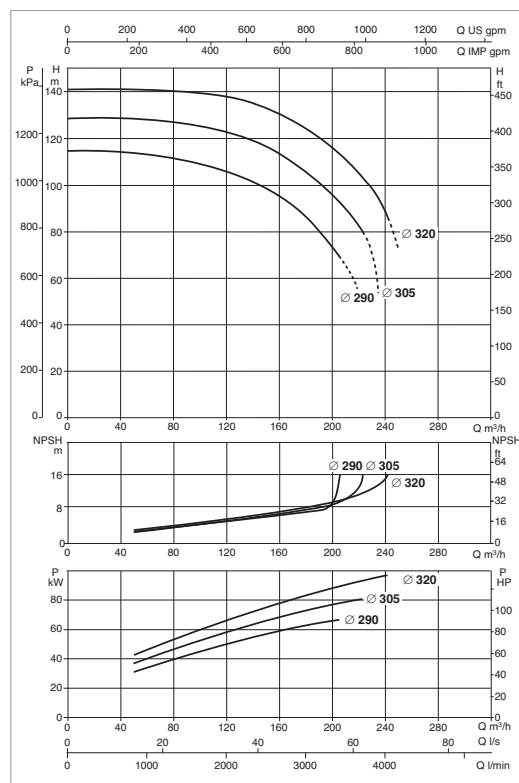


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H4	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 65-315/275 - DIESEL ENGINE DRIVEN PUMP MODULE	1846	311	170	2260	765	-	991	1879	366	1428	167	-	-	-	150	100	1945	1965
1 KDN 65-315/275 - ELECTRIC PUMP MODULE	1600	416	90	2021	640	530	917	1801	310	1361	131	-	-	-	150	100	1967	1987
1 KDN 65-315/275 - 2 ELECTRIC PUMP MODULES	1600	416	90	2021	1780	-	2057	1801	310	1361	131	-	-	900	150	100	3934	3954
1 KDN 65-315/275 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1846	311	170	2260	-	-	2256	1879	366	1428	167	-	-	900	150	100	3912	3932
1 KDN 65-315/275 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1846	311	170	2260	-	-	2256	1879	366	1428	167	-	-	900	150	100	3890	3910

1 KDN 65-315/290-305-320 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 65-315/290 75	3x400 V ~	KV 3/15 T	75	1,85	124	KDN 65 EN 12845
1 KDN 65-315/305 90	3x400 V ~	KV 3/18 T	90	2,2	148	KDN 65 EN 12845
1 KDN 65-315/320 110	3x400 V ~	KV 3/18 T	110	2,2	184	KDN 65 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

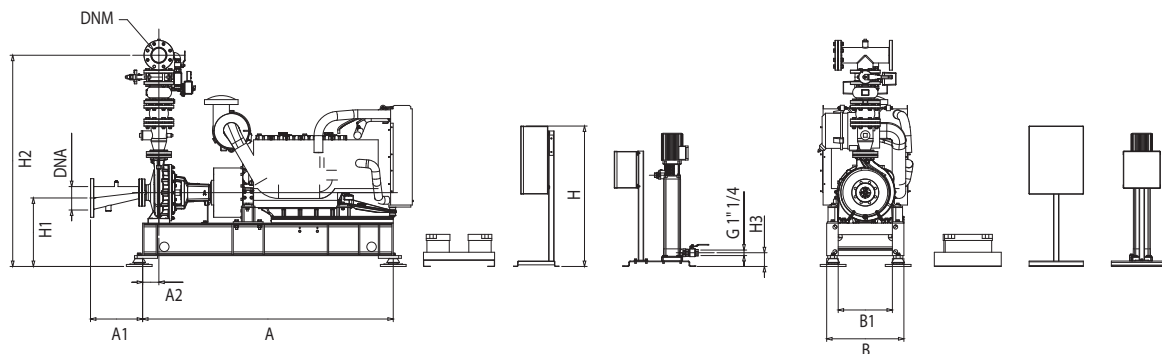
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 65-315/290 MD	3x230-400 V ~	KV 3/15 T	110	1,85	KDN 65 EN 12845	0,40 m²
1 KDN 65-315/305 MD	3x230-400 V ~	KV 3/18 T	110	2,2	KDN 65 EN 12845	0,40 m²
1 KDN 65-315/320 MD	3x230-400 V ~	KV 3/18 T	110	2,2	KDN 65 EN 12845	0,40 m²

* Jockey pump on request.

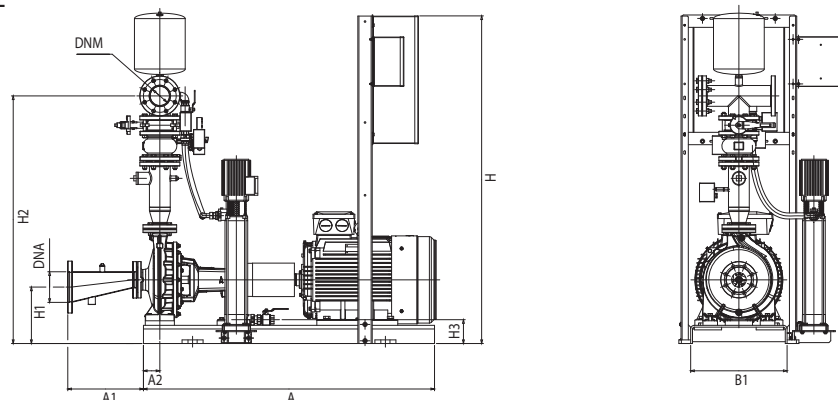
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE

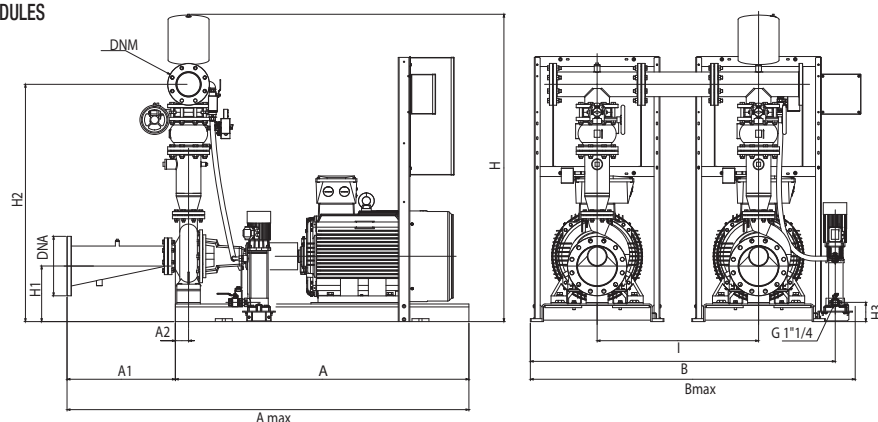


ELECTRIC PUMP MODULE

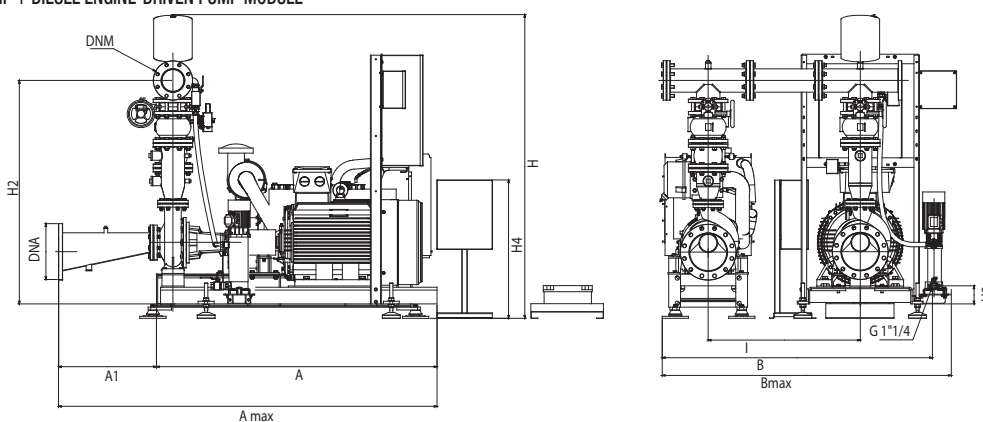


1 KDN 65-315/290-305-320 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

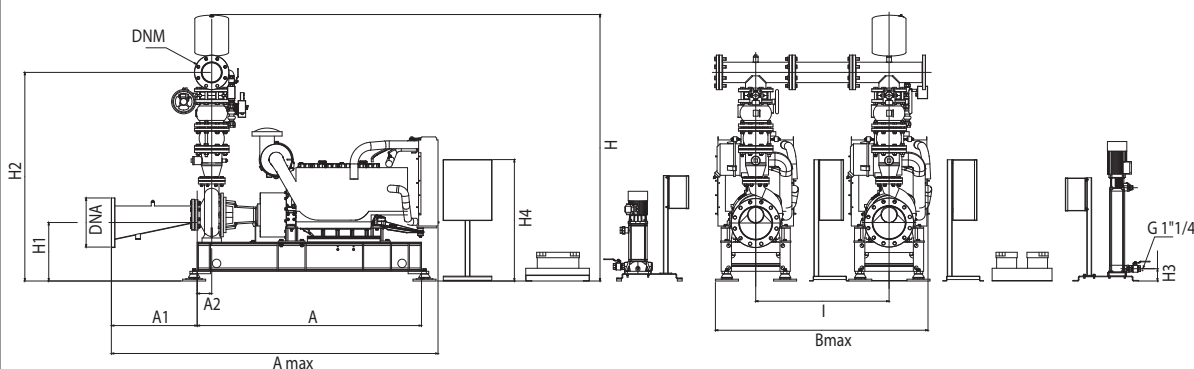
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

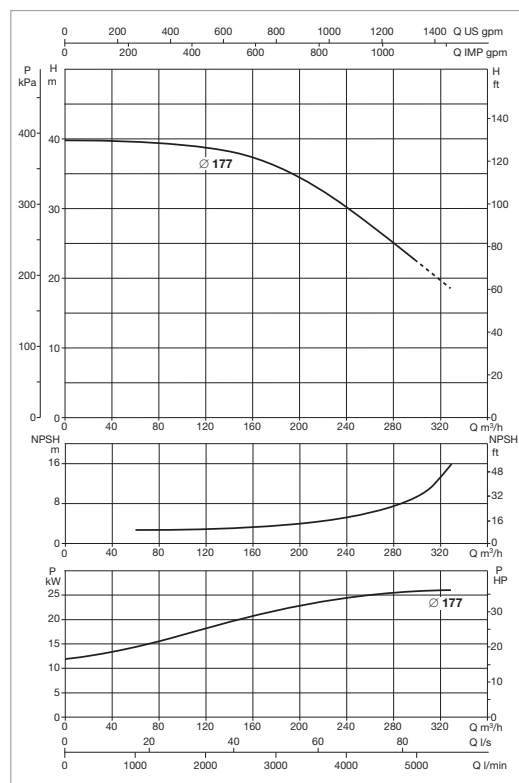


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H4	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 65-315/290-305-320 - DIESEL ENGINE DRIVEN PUMP MODULE	1850	385	120	2377	570	-	685	1037	506	1559	101	734	-	-	150	100	1945	1965
1 KDN 65-315/290-305-320 - ELECTRIC PUMP MODULE	2000	416	90	2417	860	750	1152	1801	395	1446	131	734	-	-	150	100	1967	1987
1 KDN 65-315/290-305-320 - 2 ELECTRIC PUMP MODULES	2000	416	90	2417	2220	-	2512	1801	395	1446	131	734	-	900	150	100	3934	3954
1 KDN 65-315/290-305-320 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1850	385	120	2377	-	-	1755	1037	506	1559	101	734	-	900	150	100	3912	3932
1 KDN 65-315/290-305-320 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1850	385	120	2377	-	-	1755	1037	506	1559	101	734	-	900	150	100	3890	3910

1 KDN 80-160/177 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 80-160/177 30	3x400 V ~	KVCX 65/80 T	30	2,2	52	KDN 80 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

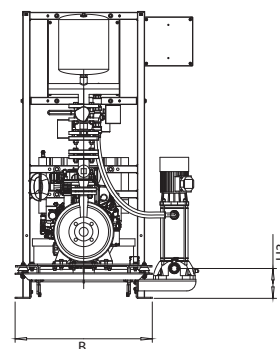
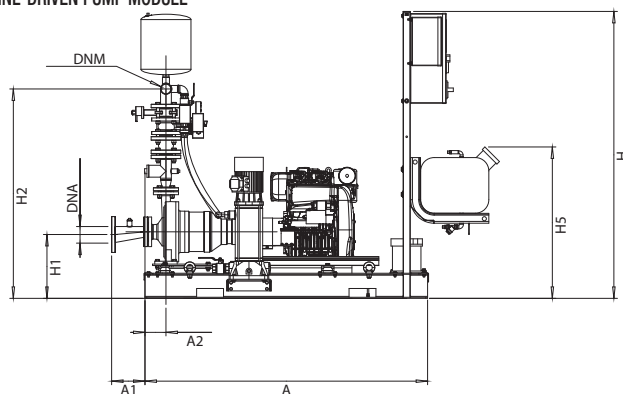
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 80-160/177 MD	3x230-400 V ~	KVCX 65/80 T	26	2,2	KDN 80 EN 12845	0,22 m²

* Jockey pump on request.

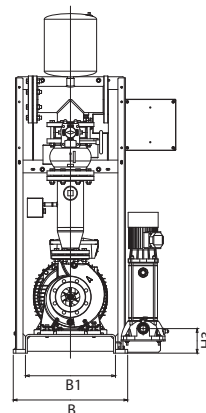
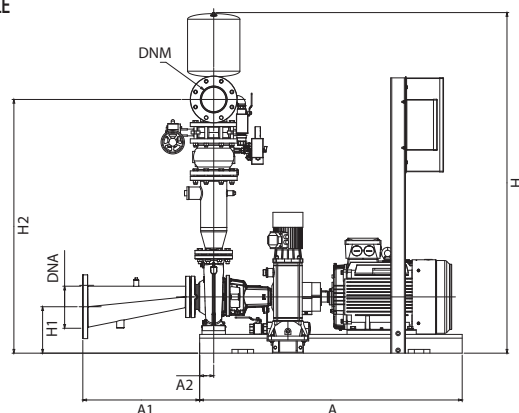
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



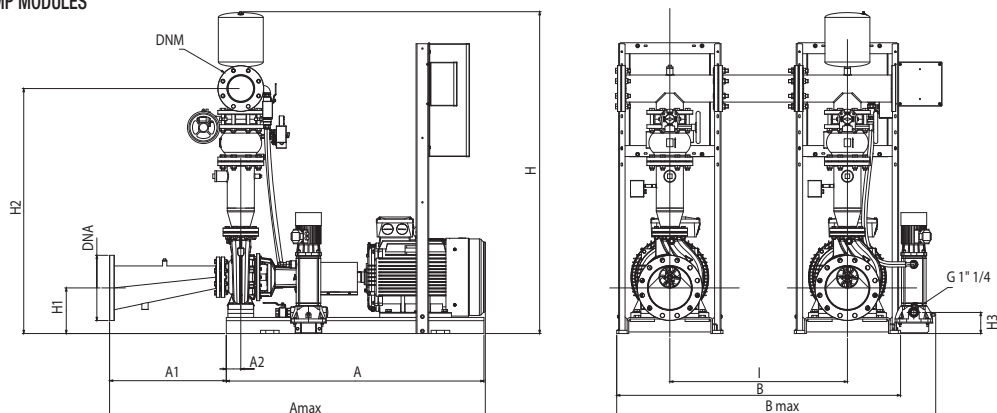
ELECTRIC PUMP MODULE



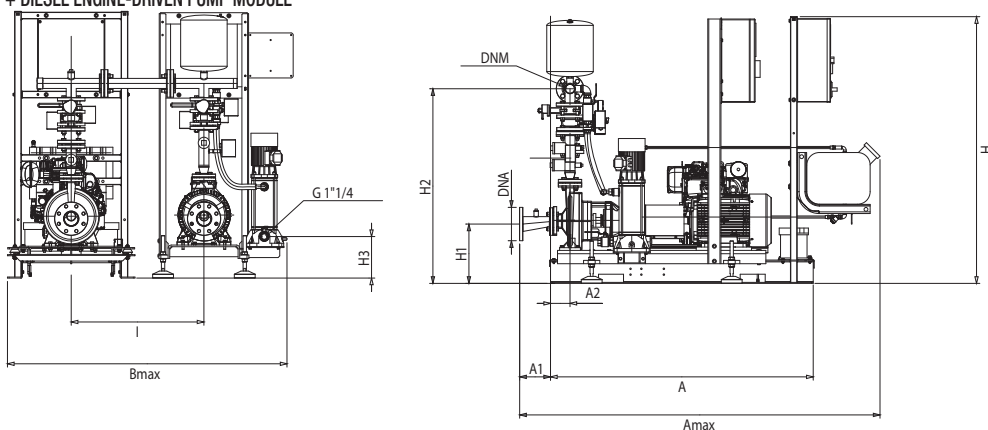
The dashed components are not included in the standard supply.

1 KDN 80-160/177 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

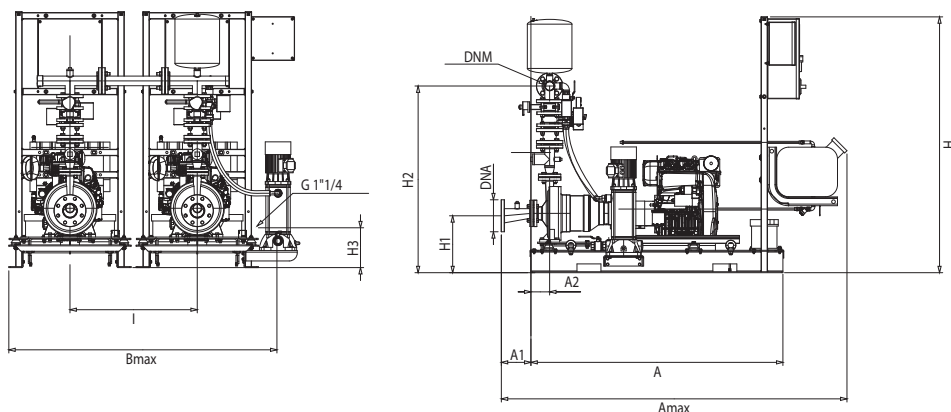
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

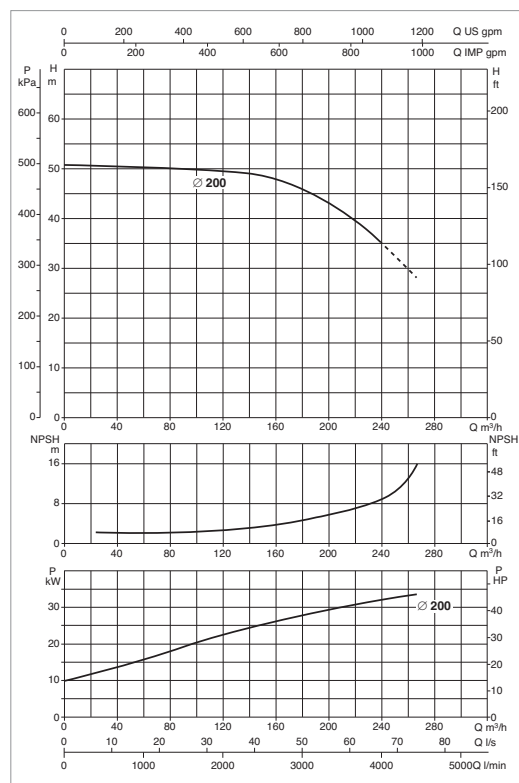


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 80-160/177 - DIESEL ENGINE DRIVEN PUMP MODULE	1576	582	117	2559	765	-	1066	1600	319	1422	167	844	-	200	125	724	742
1 KDN 80-160/177 - ELECTRIC PUMP MODULE	1400	623	75	2023	610	480	867	1816	248	1353	131	-	-	200	125	690	738
1 KDN 80-160/177 - 2 ELECTRIC PUMP MODULES	1400	623	75	2023	1720	-	1977	1816	248	1353	131	-	900	200	125	1380	1428
1 KDN 80-160/177 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1576	582	117	2559	-	-	2331	1600	319	1422	167	844	900	200	125	1414	1462
1 KDN 80-160/177 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1576	582	117	2559	-	-	2331	1600	319	1422	167	844	900	200	125	1448	1466

1 KDN 80-200/200 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 80-200/200 37	3x400 V ~	KVCX 65/80 T	37	2,2	63	KDN 80 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

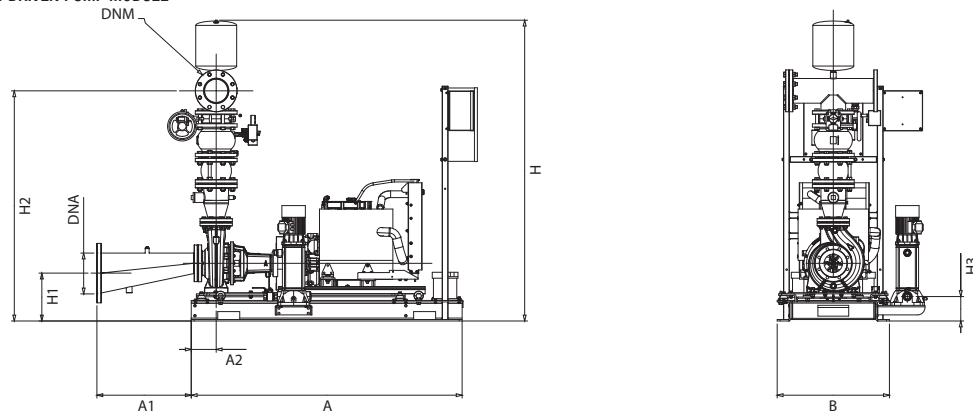
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 80-200/200 MD	3x230-400 V ~	KVCX 65/80 T	37	2,2	KDN 80 EN 12845	0,40 m²

* Jockey pump on request.

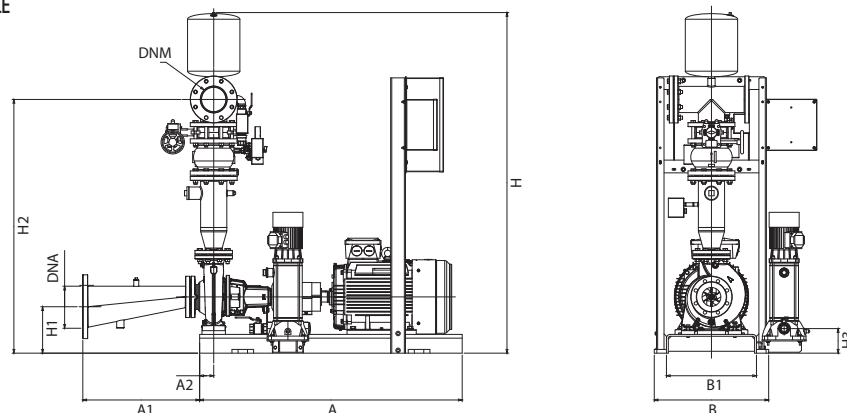
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



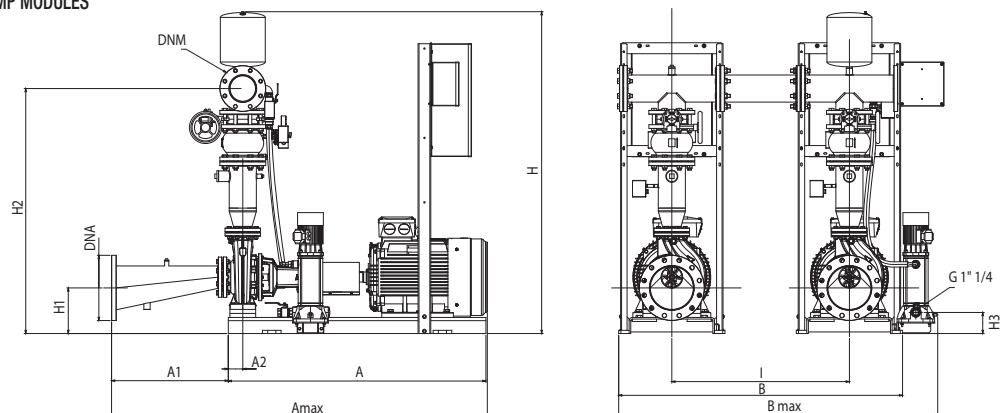
ELECTRIC PUMP MODULE



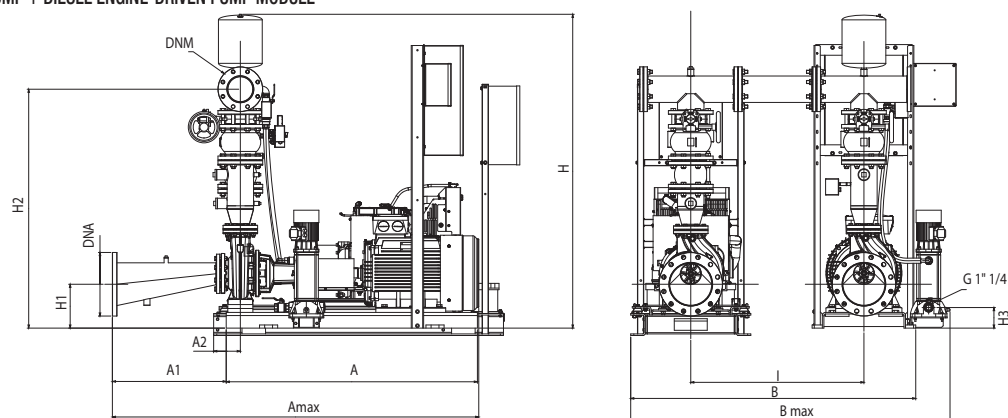
The dashed components are not included in the standard supply.

1 KDN 80-200/200 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

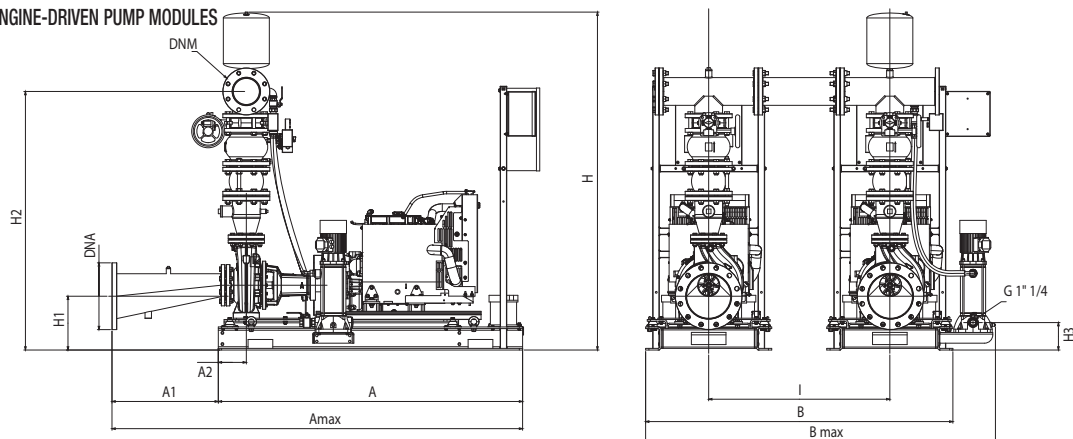
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

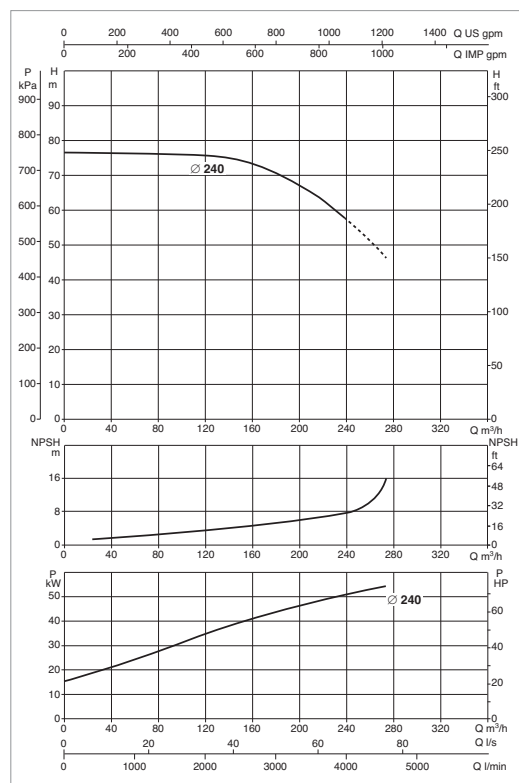


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 80-200/200 - DIESEL ENGINE DRIVEN PUMP MODULE	1846	525	170	2479	765	-	1023	1824	320	1454	167	-	-	200	125	867	887
1 KDN 80-200/200 - ELECTRIC PUMP MODULE	1400	623	75	2077	610	480	867	1841	248	1378	131	-	-	200	125	980	1005
1 KDN 80-200/200 - 2 ELECTRIC PUMP MODULES	1400	623	75	2077	1720	-	1977	1841	248	1378	131	-	900	200	125	1960	1985
1 KDN 80-200/200 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1846	525	170	2479	-	-	2288	1824	320	1454	167	-	900	200	125	1847	1872
1 KDN 80-200/200 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1846	525	170	2479	-	-	2288	1824	320	1454	167	-	900	200	125	1734	1754

1 KDN 80-250/240 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 80-250/240 55	3x400 V ~	KVCX 65/80 T	55	2,2	95	KDN 80 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

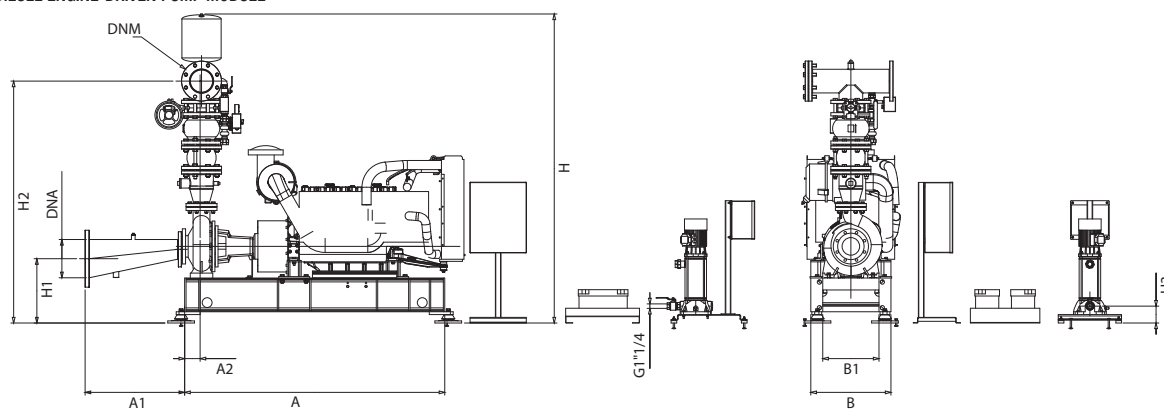
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 80-250/240 MD	3x230-400 V ~	KVCX 65/80 T	73,5	2,2	KDN 80 EN 12845	0,40 m²

* Jockey pump on request.

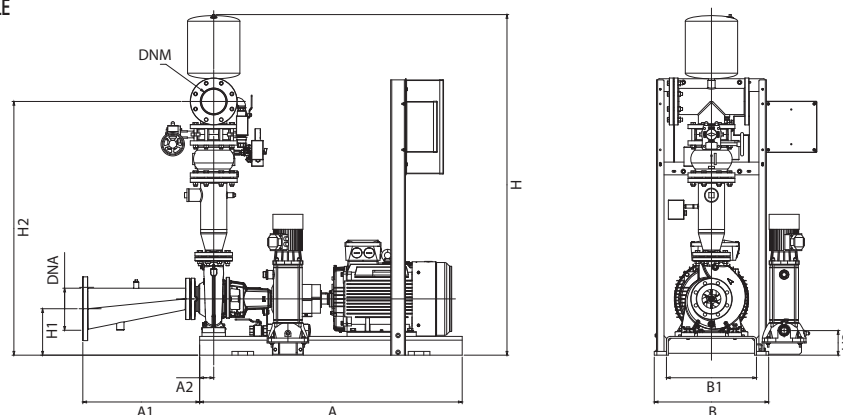
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



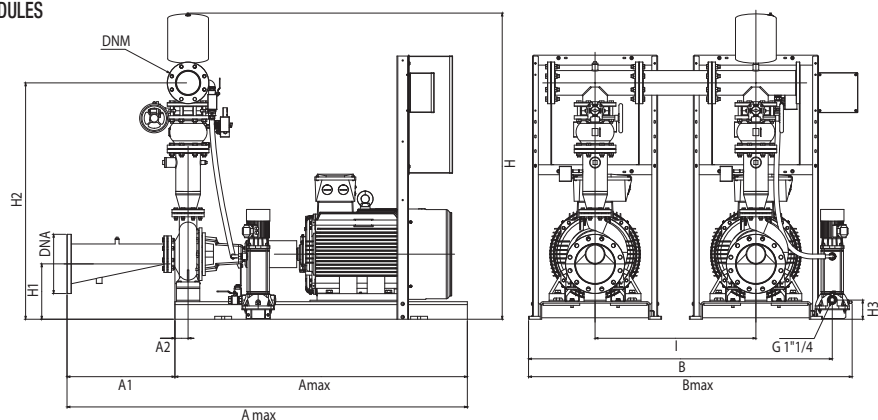
ELECTRIC PUMP MODULE



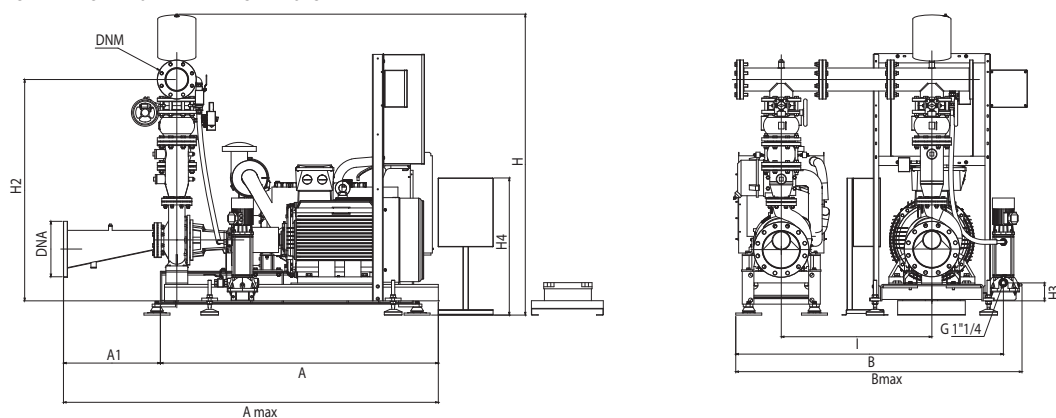
The dashed components are not included in the standard supply.

1 KDN 80-250/240 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

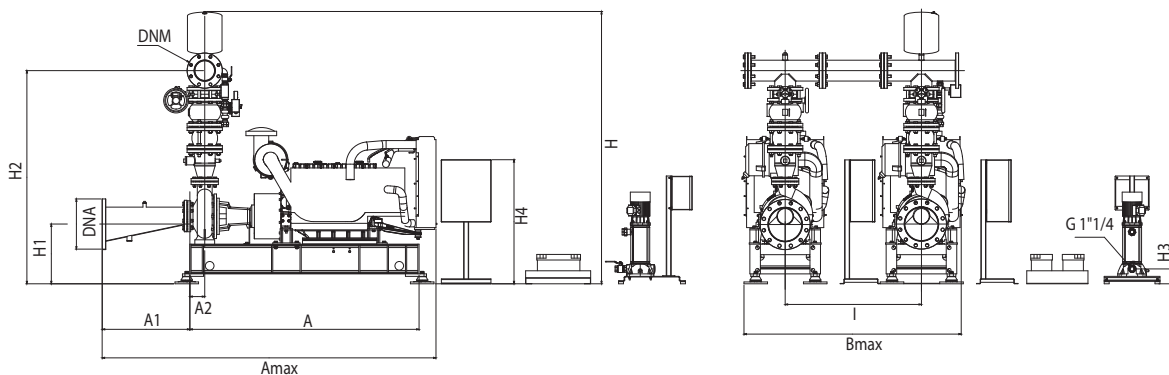
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

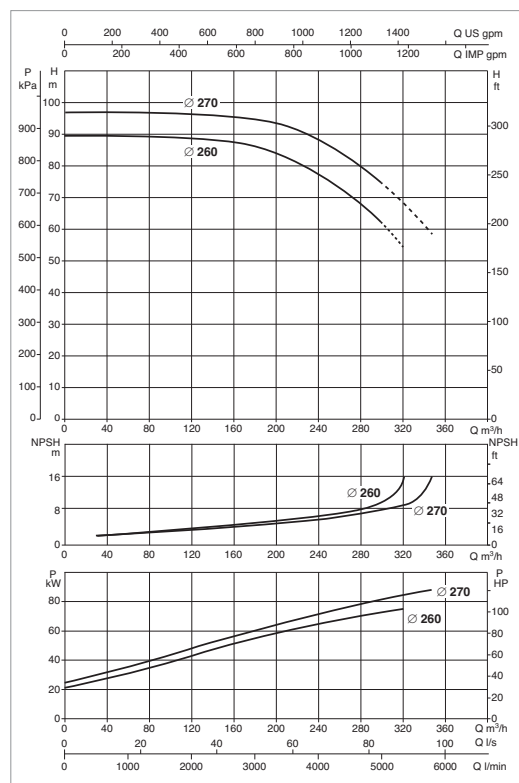


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H4	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 80-250/240 - DIESEL ENGINE DRIVEN PUMP MODULE	1626	578	120	2326	570	-	675	1037	468	1631	120	734	-	-	200	125	1032	1086
1 KDN 80-250/240 - ELECTRIC PUMP MODULE	1600	608	90	2217	660	530	917	1921	298	1458	131	734	-	-	200	125	1015	1069
1 KDN 80-250/240 - 2 ELECTRIC PUMP MODULES	1600	608	90	2217	1820	-	2077	1921	298	1458	131	734	-	900	200	125	2030	2084
1 KDN 80-250/240 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1626	578	120	2326	-	-	1745	1037	468	1631	120	734	-	900	200	125	2047	2101
1 KDN 80-250/240 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1626	578	120	2326	-	-	1745	1037	468	1631	120	734	-	900	200	125	2064	2118

1 KDN 80-250/260-270 -UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
			kW	kW		
1 KDN 80-250/260 75	3x400 V ~	KVCX 65/80 T	75	2,2	124	KDN 80 EN 12845
1 KDN 80-250/270 90	3x400 V ~	KVCX 65/80 T	90	2,2	148	KDN 80 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

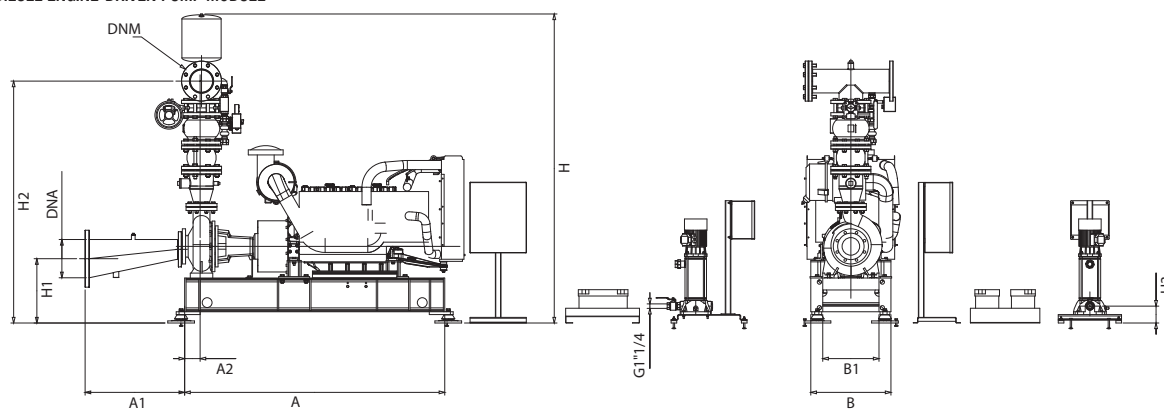
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
			kW	kW		
1 KDN 80-250/260 MD	3x230-400 V ~	KVCX 65/80 T	110	2,2	KDN 80 EN 12845	0,40 m²
1 KDN 80-250/270 MD	3x230-400 V ~	KVCX 65/80 T	110	2,2	KDN 80 EN 12845	0,40 m²

* Jockey pump on request.

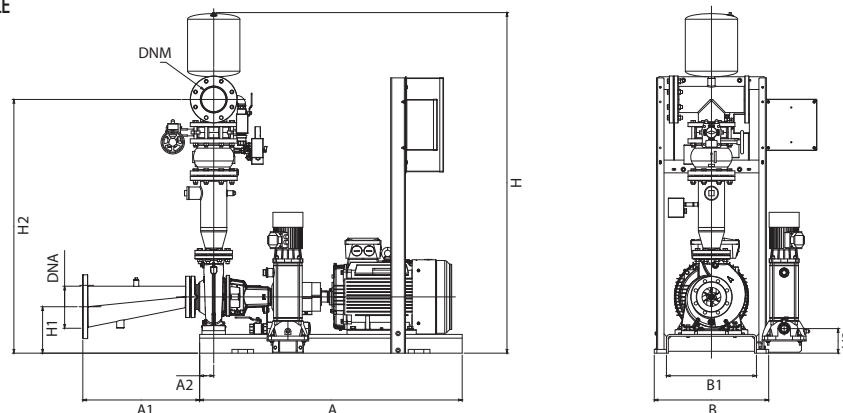
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



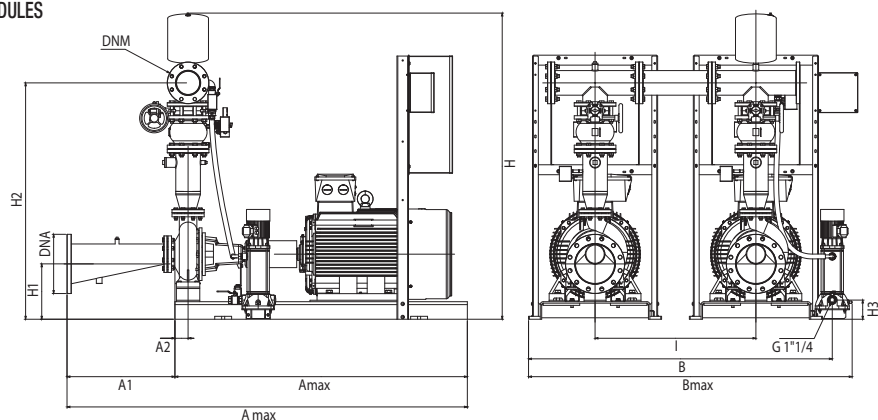
ELECTRIC PUMP MODULE



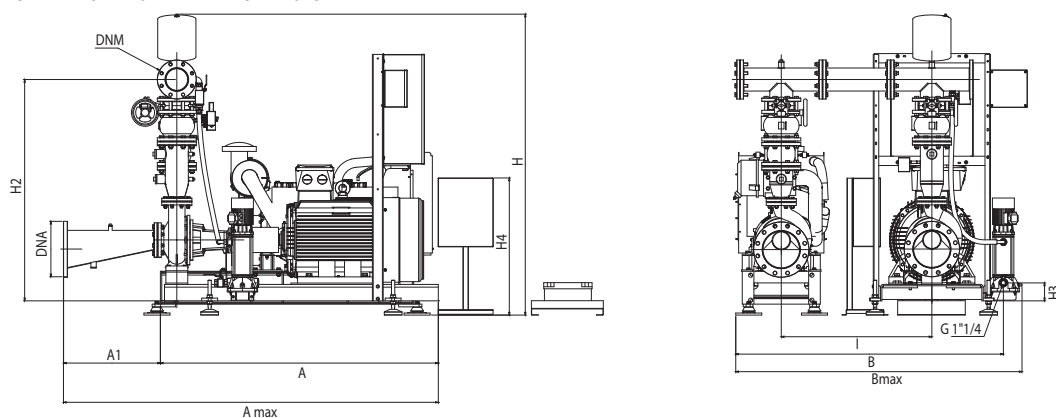
The dashed components are not included in the standard supply.

1 KDN 80-250/260-270 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

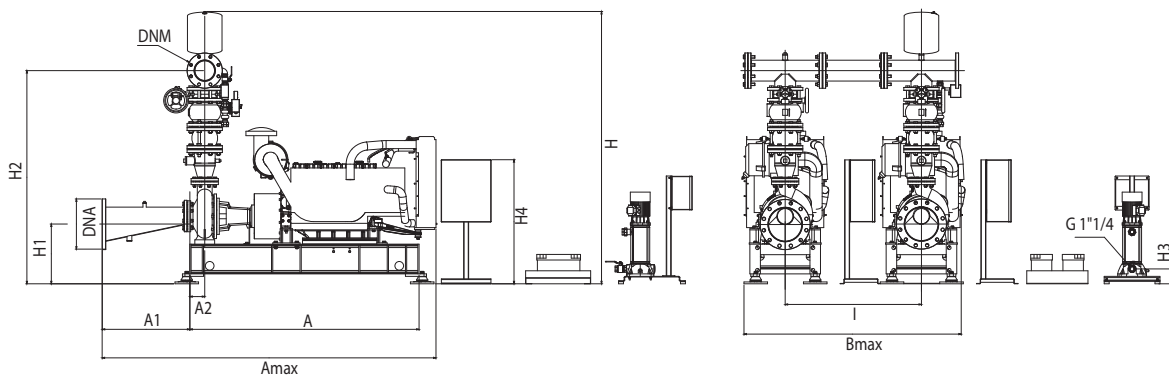
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

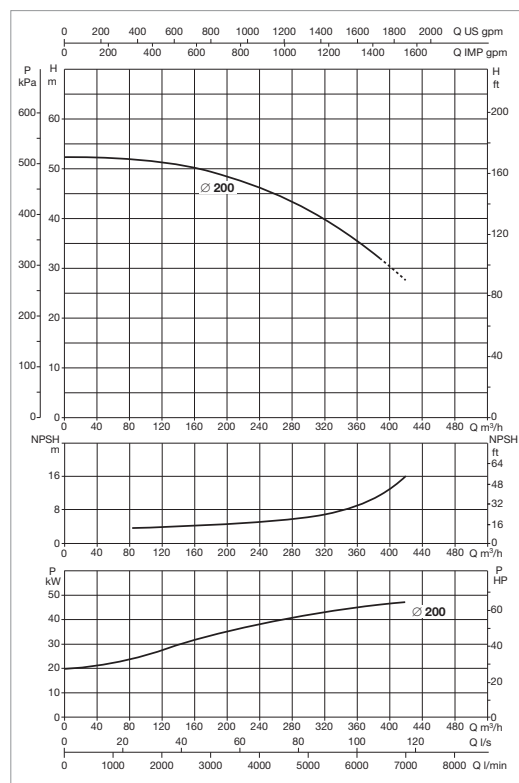


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H4	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 80-250/260-270 - DIESEL ENGINE DRIVEN PUMP MODULE	1850	578	120	2576	570	-	693	1037	468	1631	120	734	-	-	200	125	1356	1383
1 KDN 80-250/260-270 - ELECTRIC PUMP MODULE	1800	608	90	2408	730	600	987	1951	328	1488	131	734	-	-	200	125	1356	1383
1 KDN 80-250/260-270 - 2 ELECTRIC PUMP MODULES	1800	608	90	2408	1960	-	2217	1951	328	1488	131	734	-	900	200	125	2914	2942
1 KDN 80-250/260-270 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1850	578	120	2576	-	-	1763	1037	468	1631	120	734	-	900	200	125	2931	2959
1 KDN 80-250/260-270 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1850	578	120	2576	-	-	1763	1037	468	1631	120	734	-	900	200	125	2948	2739

1 KDN 100-200/200 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
1 KDN 100-200/200 55	3x400 V ~	KVCX 65/80 T	55 kW	2,2 kW	95	KDN 100 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

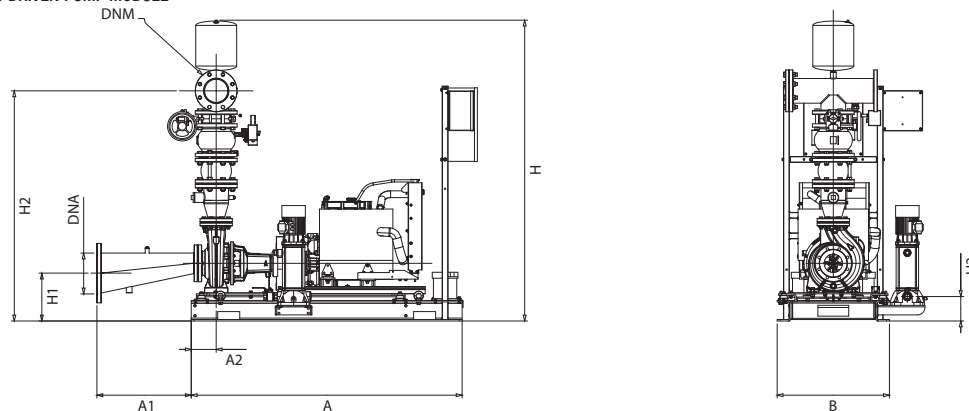
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
1 KDN 100-200/200 MD	3x230-400 V ~	KVCX 65/80 T	53 kW	2,2 kW	KDN 100 EN 12845	0,40 m²

* Jockey pump on request.

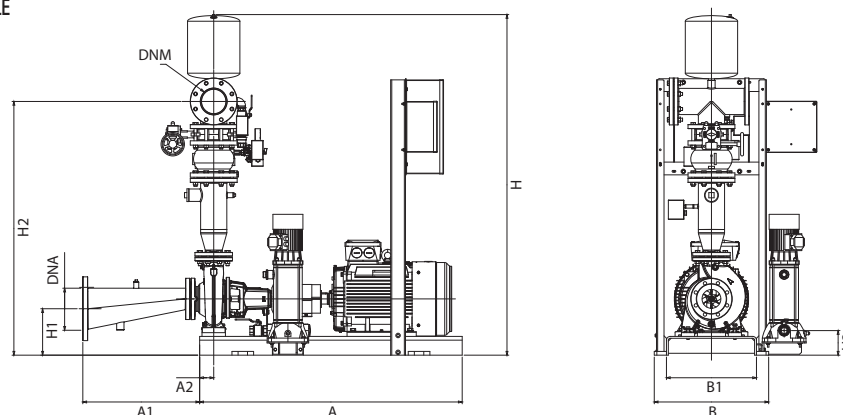
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



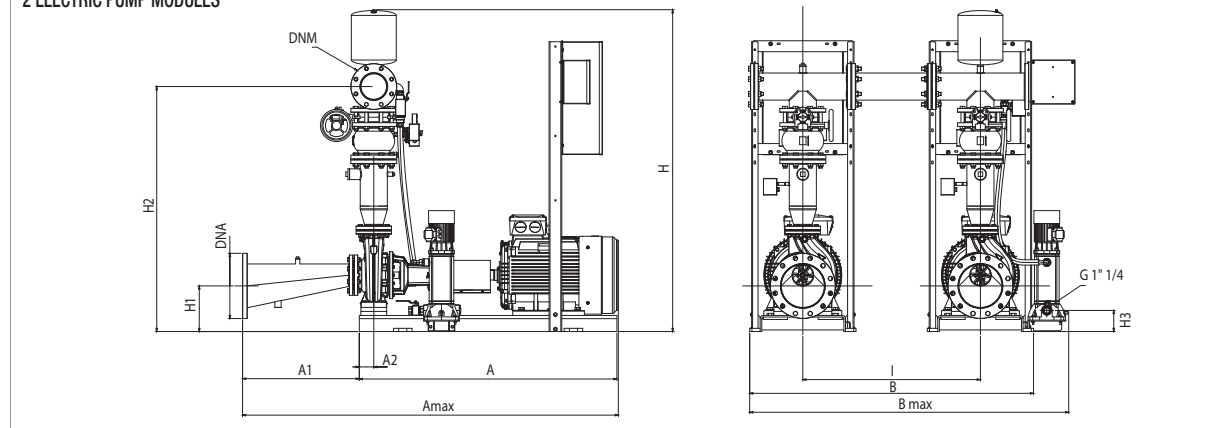
ELECTRIC PUMP MODULE



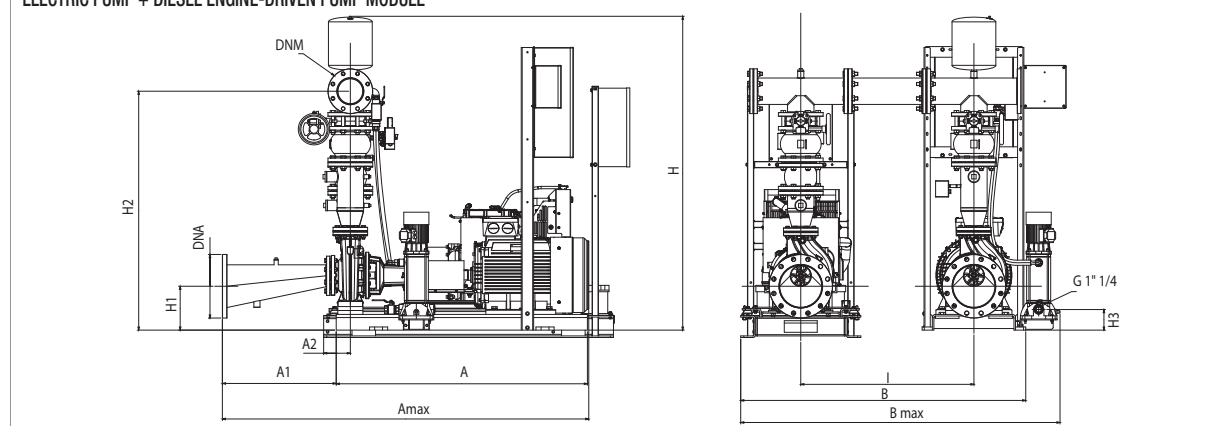
The dashed components are not included in the standard supply.

1 KDN 100-200/200 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

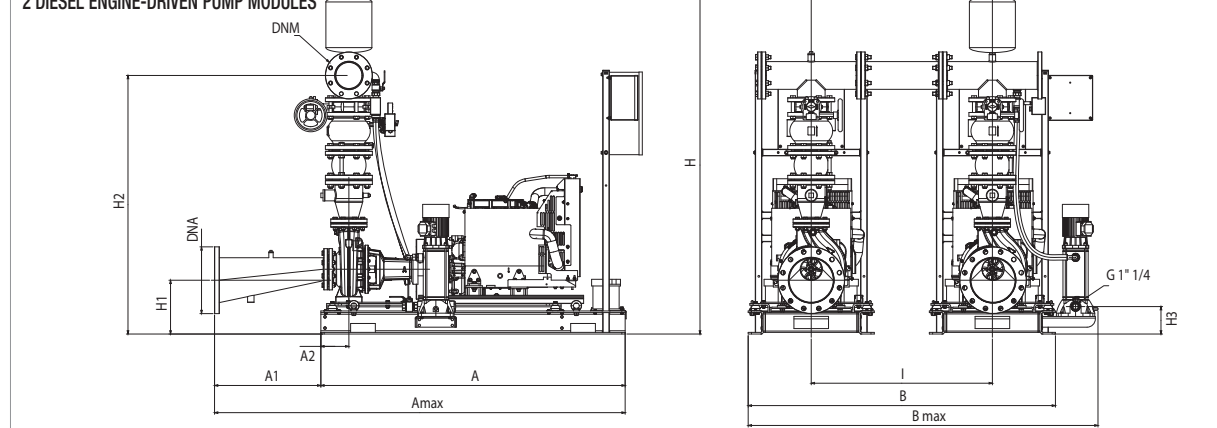
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

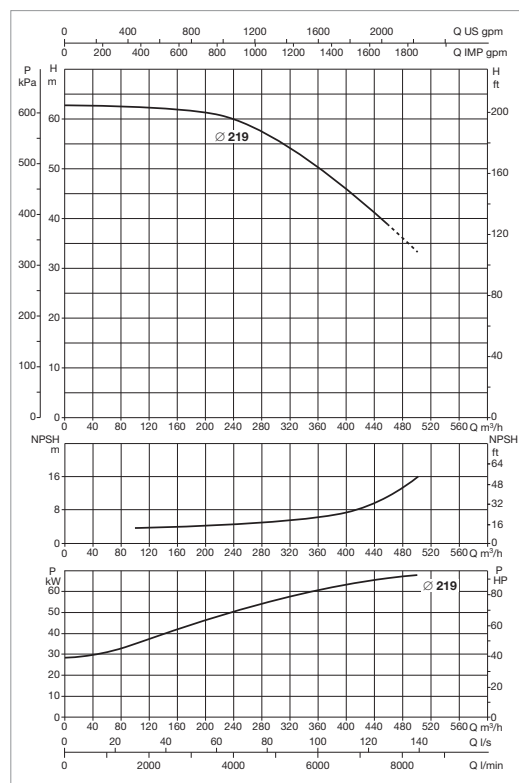


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 100-200/200 - DIESEL ENGINE DRIVEN PUMP MODULE	1846	643	170	2593	765	-	991	1879	328	1569	167	-	-	250	150	1066	1092
1 KDN 100-200/200 - ELECTRIC PUMP MODULE	1600	723	90	2332	720	600	917	1999	283	1522	131	-	-	250	150	1049	1075
1 KDN 100-200/200 - 2 ELECTRIC PUMP MODULES	1600	723	90	2332	1940	-	2137	1999	283	1522	131	-	1100	250	150	1049	1075
1 KDN 100-200/200 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1846	643	170	2593	-	-	2256	1879	328	1569	167	-	1100	250	150	2115	2141
1 KDN 100-200/200 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1846	643	170	2593	-	-	2256	1879	328	1569	167	-	1100	250	150	2132	2158

1 KDN 100-200/219 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
1 KDN 100-200/219 75	3x400 V ~	KVCX 65/80 T	kW	kW	124	KDN 100 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

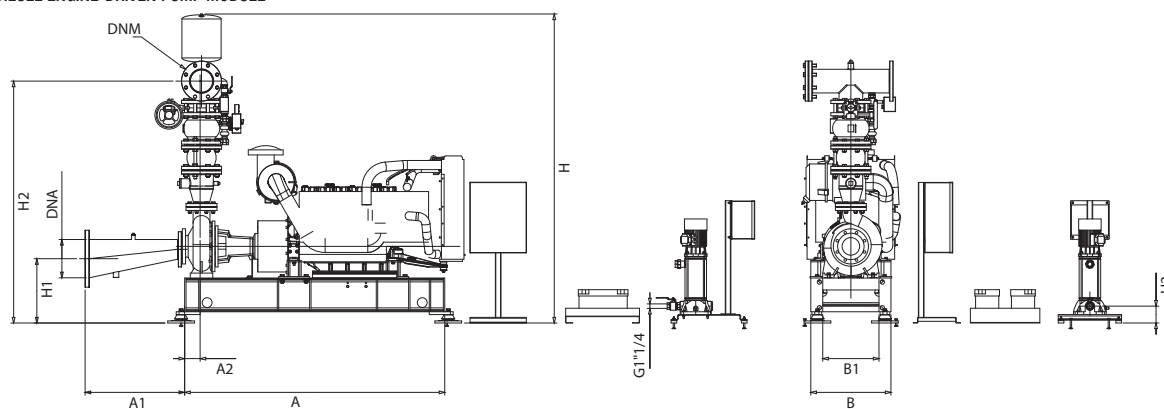
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
1 KDN 100-200/219 MD	3x230-400 V ~	KVCX 65/80 T	kW	kW	KDN 100 EN 12845	0,40 m²

* Jockey pump on request.

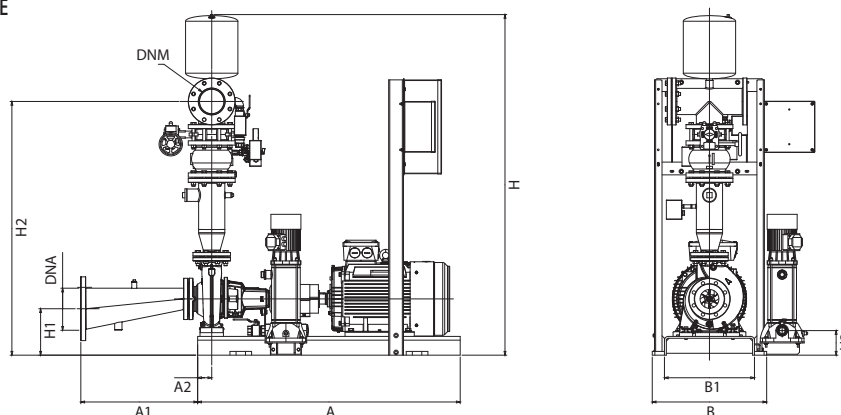
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



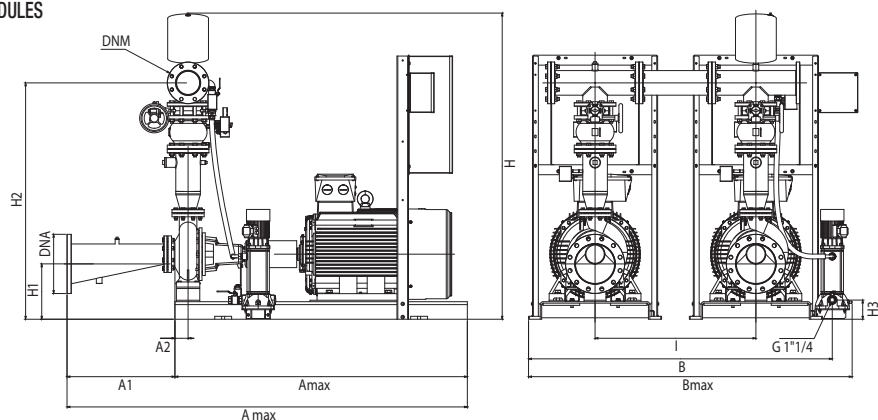
ELECTRIC PUMP MODULE



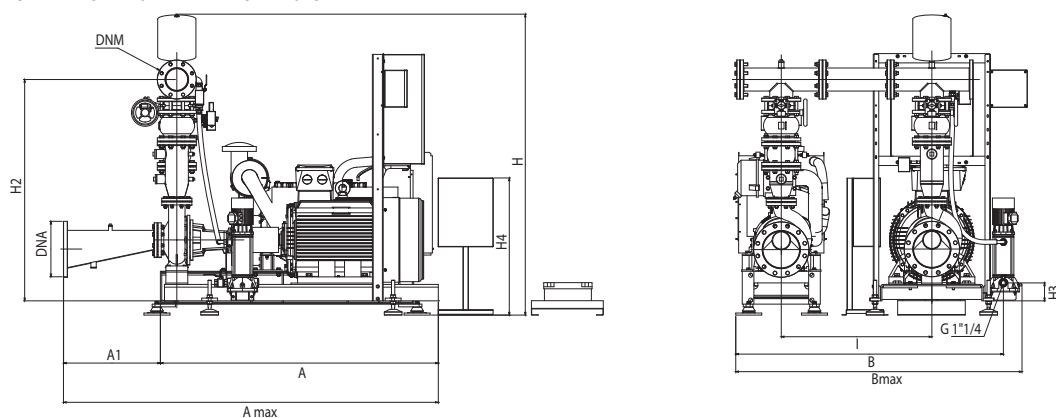
The dashed components are not included in the standard supply.

1 KDN 100-200/219 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

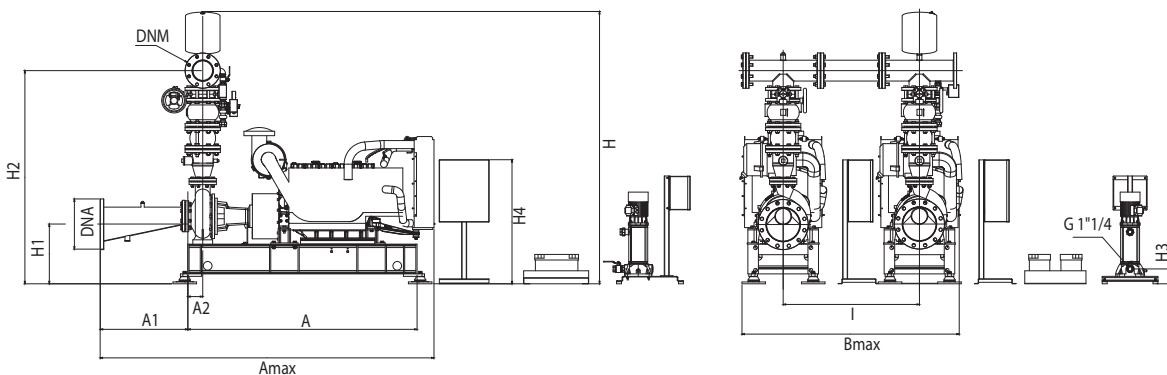
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

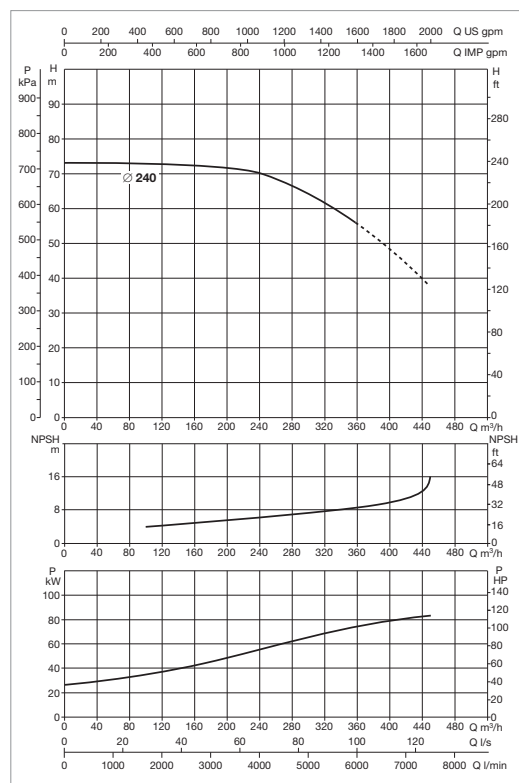


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H4	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 100-200/219 - DIESEL ENGINE DRIVEN PUMP MODULE	1626	703	110	2432	570	-	675	2173	620	1696	120	734	-	-	250	150	1362	1386
1 KDN 100-200/219 - ELECTRIC PUMP MODULE	1800	723	90	2523	730	600	987	2029	313	1552	131	734	-	-	250	150	1345	1369
1 KDN 100-200/219 - 2 ELECTRIC PUMP MODULES	1800	723	90	2523	1960	-	2217	2029	313	1552	131	734	-	1100	250	150	2690	2714
1 KDN 100-200/219 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1626	703	110	2432	-	-	1745	2173	620	1696	120	734	-	1100	250	150	2707	2731
1 KDN 100-200/219 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1626	703	110	2432	-	-	1745	2173	620	1696	120	734	-	1100	250	150	2724	2748

1 KDN 100-250/240 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
1 KDN 100-250/240 90	3x400 V ~	KVCX 65/80 T	90 kW	2,2 kW	148	KDN 100 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

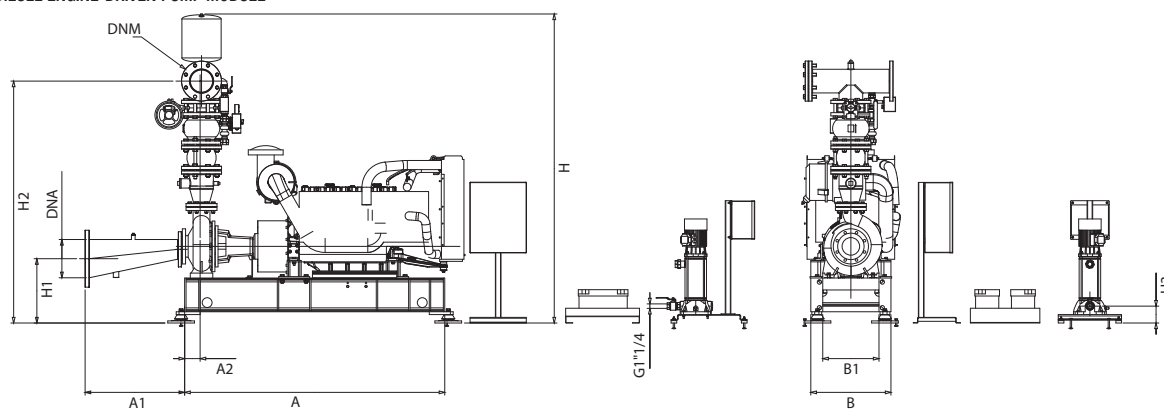
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
1 KDN 100-250/240 MD	3x230-400 V ~	KVCX 65/80 T	110 kW	2,2 kW	KDN 100 EN 12845	0,40 m²

* Jockey pump on request.

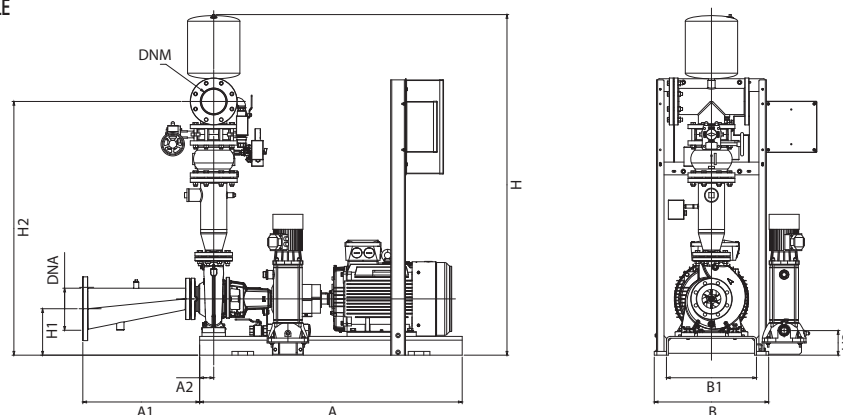
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



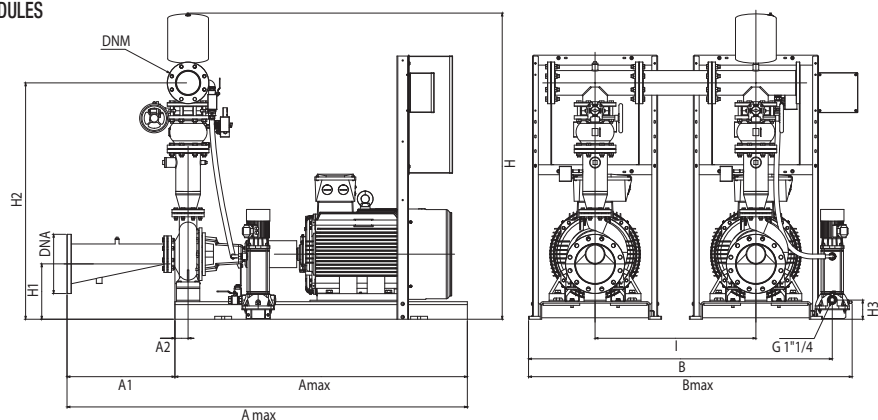
ELECTRIC PUMP MODULE



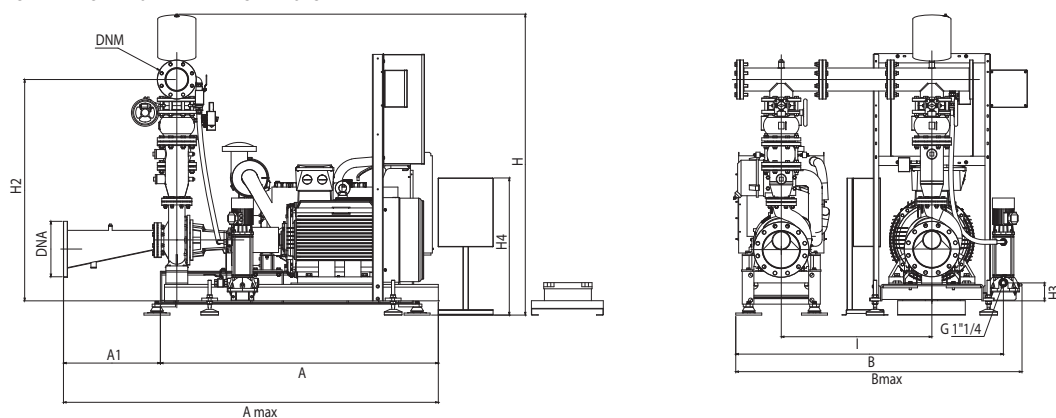
The dashed components are not included in the standard supply.

1 KDN 100-250/240 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

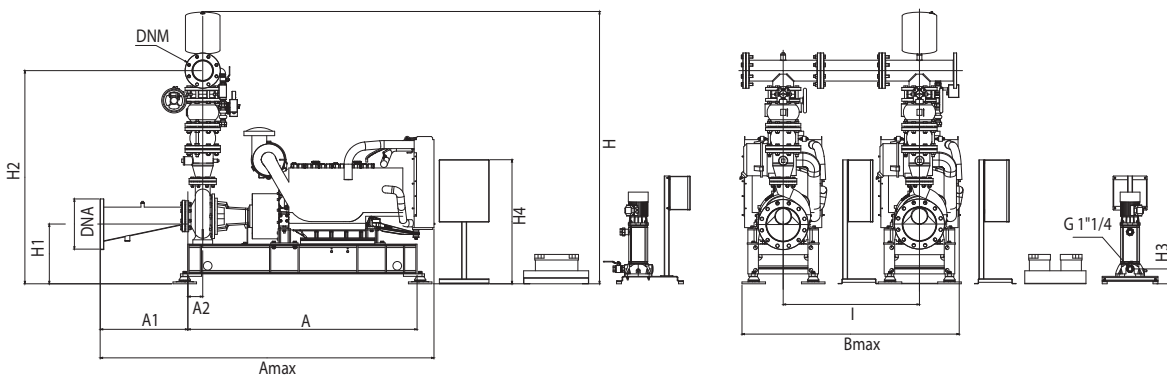
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES

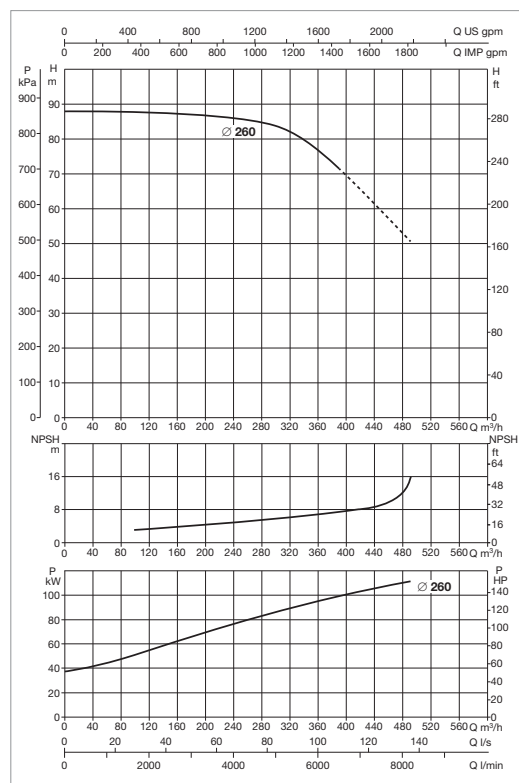


The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H4	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 100-250/240 - DIESEL ENGINE DRIVEN PUMP MODULE	1850	708	110	2694	570	-	701	2198	460	1721	120	734	-	-	250	150	1502	1502
1 KDN 100-250/240 - ELECTRIC PUMP MODULE	1800	723	90	2538	730	600	987	2304	328	1557	131	734	-	-	250	150	1485	1485
1 KDN 100-250/240 - 2 ELECTRIC PUMP MODULES	1800	723	90	2538	1960	-	2217	2304	328	1557	131	734	-	1100	250	150	2970	2970
1 KDN 100-250/240 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1850	708	110	2694	-	-	1771	2198	460	1721	120	734	-	1100	250	150	2987	2987
1 KDN 100-250/240 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1850	708	110	2694	-	-	1771	2198	460	1721	120	734	-	1100	250	150	3004	3004

1 KDN 100-250/260 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

Pumped liquid temperature range: from -15 °C to +70 °C - Maximum ambient temperature: from +4 °C to +40 °C



KDN EN 12845 ELECTRIC PUMP

MODEL	POWER INPUT	JOCKEY PUMP*	P2 MAIN PUMP	P2 JOCKEY PUMP	In A	METER KIT
1 KDN 100-250/260 110	3x400 V ~	KVCX 65/80 T	110 kW	2,2 kW	184	KDN 100 EN 12845

KDN EN 12845 DIESEL ENGINE-DRIVEN PUMP

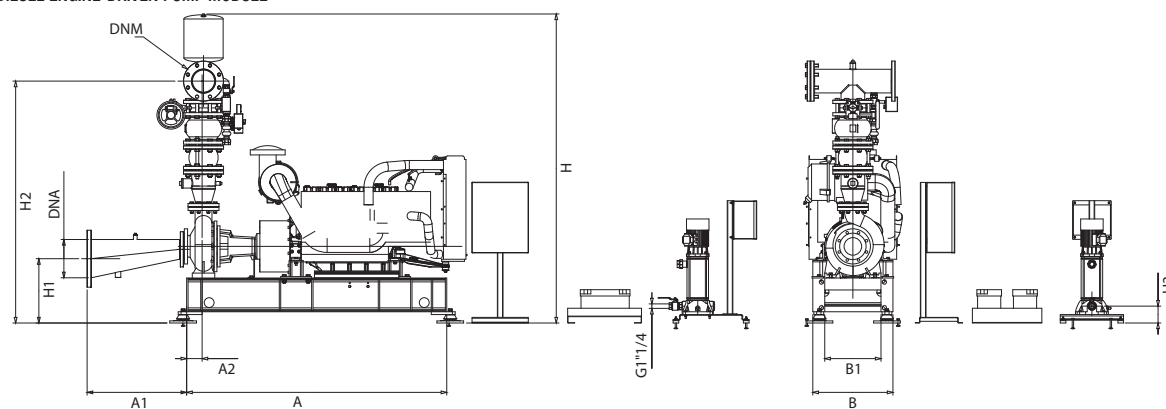
MODEL	BATTERY CHARGER POWER INPUT	JOCKEY PUMP*	** P2 DIESEL ENGINE - DRIVEN PUMP	P2 JOCKEY PUMP	METER KIT	FAN SURFACE
1 KDN 100-250/260 MD	3x230-400 V ~	KVCX 65/80 T	110 kW	2,2 kW	KDN 100 EN 12845	0,40 m²

* Jockey pump on request.

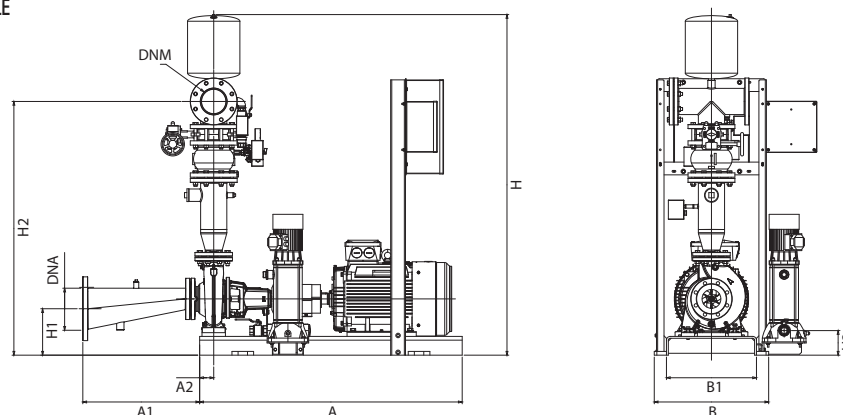
** ISO 3046 continuous power The motor is capable of delivering 10 % more of the power requested by the pump.

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

DIESEL ENGINE-DRIVEN PUMP MODULE



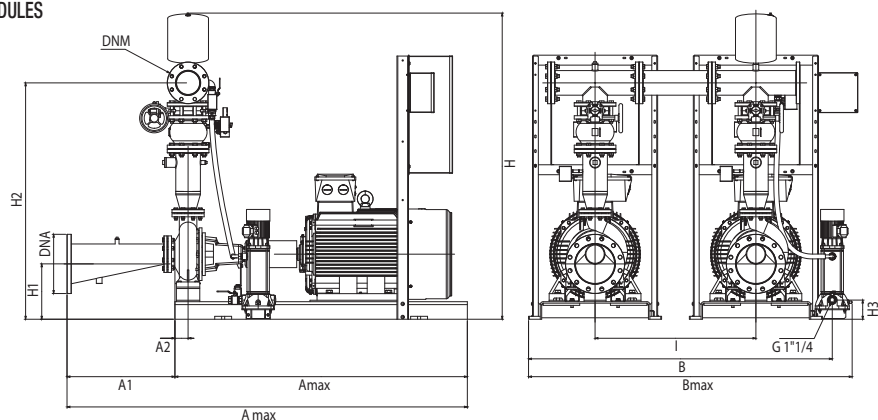
ELECTRIC PUMP MODULE



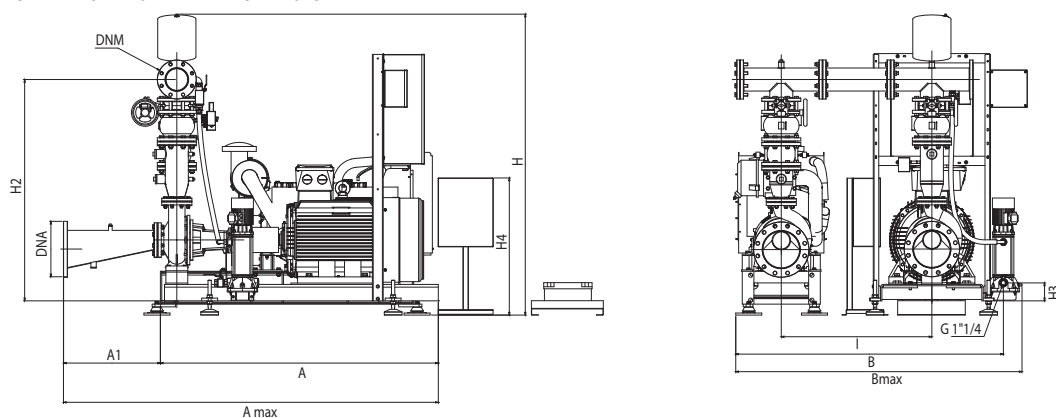
The dashed components are not included in the standard supply.

1 KDN 100-250/260 - UNI EN 12845 FIRE-FIGHTING PUMP SETS

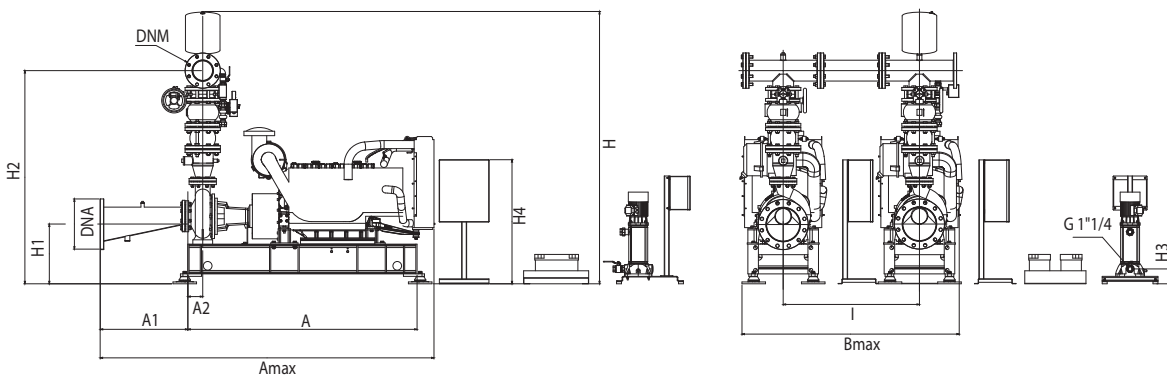
2 ELECTRIC PUMP MODULES



ELECTRIC PUMP + DIESEL ENGINE-DRIVEN PUMP MODULE



2 DIESEL ENGINE-DRIVEN PUMP MODULES



The dashed components are not included in the standard supply.

MODEL	A	A1	A2	A max	B	B1	B max	H	H1	H2	H3	H4	H5	I	DNA	DNM	WEIGHT without jockey pump kg	WEIGHT with jockey pump kg
1 KDN 100-250/260 - DIESEL ENGINE DRIVEN PUMP MODULE	1850	708	110	2694	570	-	701	2198	460	1721	120	734	-	-	250	150	1984	2004
1 KDN 100-250/260 - ELECTRIC PUMP MODULE	2000	738	90	2738	910	750	1146	2304	378	1617	131	734	-	-	250	150	1967	1987
1 KDN 100-250/260 - 2 ELECTRIC PUMP MODULES	2000	738	90	2738	2320	-	2556	2304	378	1617	131	734	-	1100	250	150	3934	3954
1 KDN 100-250/260 - ELECTRIC PUMP + DIESEL ENGINE DRIVEN PUMP MODULE	1850	708	110	2738	-	-	1771	2198	460	1721	120	734	-	1100	250	150	3951	3971
1 KDN 100-250/260 - 2 DIESEL ENGINE DRIVEN PUMP MODULES	1850	708	110	2694	-	-	1771	2198	460	1721	120	734	-	1100	250	150	3968	3988