



Centrifugal E booster units.



Vertical, multi-stage centrifugal pump with suction and discharge openings at the same level (inline).

The pump is equipped with a 3-phase, fan-cooled synchronous motor with permanent magnet. The motor efficiency is designated as IE5, in accordance with IEC 60034-30-2. The motor includes a frequency inverter and a PI controller in the motor terminal box. As a result, a continuously variable control of the engine speed is possible, which makes it possible to adapt the performance to a specific requirement. A control panel on the motor terminal box allows the setting of the desired setpoint as well as the setting of the pump to "Min." or "Max." company or "Stop". The Grundfos Eye indicator on the control panel provides a visual indication of pump status:

- "Enabled": Motor running (rotating green indicator is on) or not running (green indicator is on continuously)
- "Warning": Motor is still running (rotating yellow indicator is on) or stopped (yellow indicator is on continuously)
- "Alarm": Motor is stopped (flashing red indicator is on).

Communication with the pump is possible via Grundfos GO Remote (accessory). With the remote control, further adjustment is possible and also the reading of a number of parameters such as "Actual value", "Speed", "Power" and total "Power consumption".

The frequency-controlled pumps are equipped as standard with the following parts:

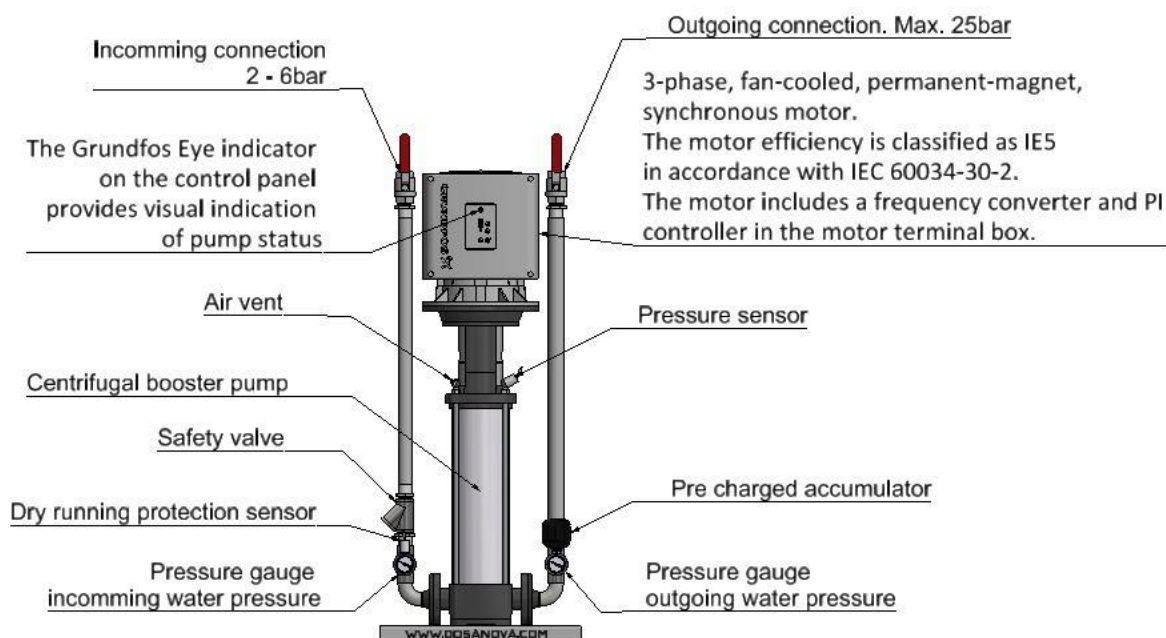
Stainless steel skid.
Stainless steel shut-off valves on in and outlet.
Stainless steel pipework
Stainless steel check valve(s)
Stainless steel dry running protection.
Stainless steel pressure gauges on in and outlet.
Stainless steel pressure capture sensor.
Stainless steel booster pump(s).
IE5 motor, in accordance with IEC 60034-30-2.
Frequency inverter and a PI controller in the motor terminal box.
Accumulator.
On/Off Switch.
Grundfos "GO" Remote.
Plug & play delivery.



**All parts on motor, pump frequency control are original Grundfos parts.
This makes world-wide Grundfos service possible.**



Building method:



Standard Dosanova E booster units.

	Reference	961.080E	961.120E	961.150E	961.300	961.450	961.600
Outgoing pressure	Bar	20-25	20-25	20-25	20-25	20-25	20-25
Flow capacity	Liter/min.	80	120	165	330	495	660
Users (30l/user)		1/3	1/4	1/6	1/10	1/15	1/20
Inlet	Inch	1 1/4	1 1/4	1 1/2	2 1/2	2 1/2	2 1/2
Supply pressure	Bar	2-6	2-6	2-6	2-6	2-6	2-6
Max. temperature	C°	70	70	70	70	70	70
Outlet	Inch	1 1/4	1 1/4	1 1/2	2 1/2	2 1/2	2 1/2
Voltage	Volt	3x400	3x400	3x400	3x400	3x400	3x400
Power	kW	4	4	7.5	15	22.5	30