



# HUGE FLUID SOLUTIONS



**HUGE** PUMP



*PLASTIC BODY ELECTRICAL  
DIAPHRAGM PUMPS*



## APPLICATION AREAS

-  MEDICAL INDUSTRY
-  FOOD INDUSTRY
-  PAINT AND COATING INDUSTRY
-  WASTE WATER TREATMENT
-  CHEMICAL INDUSTRY
-  MINING INDUSTRY
-  CERAMIC INDUSTRY
-  RAFINERY

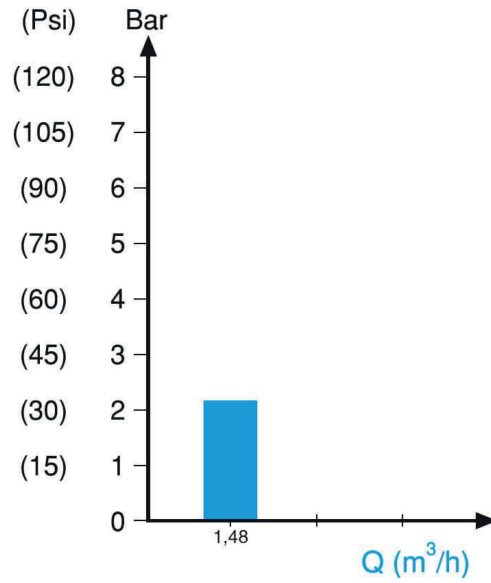
## ADVANTAGES

- 1) Solid particles may pass through the pump.
- 2) It can work with an electric motor in environments where there is no or insufficient air.
- 3) Maintenance cost is low .
- 4) The flow rate can be controlled by connecting the driver to the electric motor of the pump.
- 5) The suction depth of this pump is 2 m.
- 6) It has the feature of working dry.

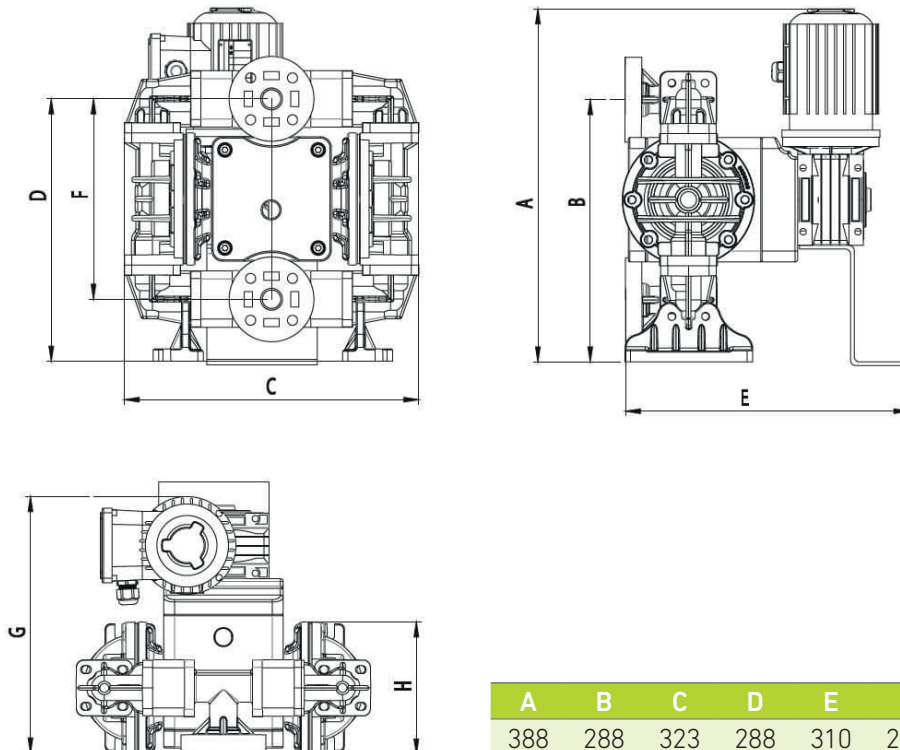
## PUMP TECHNICAL SPECIFICATIONS

<b>Max. Operating Pressure</b>	: 2 bar
<b>Voltage</b>	: 380/220 volt 50 hz
<b>Energy Consumption</b>	: 0,25 kw
<b>Displacment/Stroke</b>	: 0,2 lt/strok
<b>Max. Discharge Head</b>	: 20 mss
<b>Suction Head</b>	: 2 m
<b>Solid Particle Permeability</b>	: 3 mm
<b>Max. Capacity</b>	: 1,48 m3/h 24.6 l/min
<b>Reducer Speed</b>	: 60 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 3/4 inch
<b>Outlet</b>	: 3/4 inch
<b>Body Material</b>	: PB (Glass fiber added polypropylene)
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Seat Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton

## DIAPHRAGM PUMPS PERFORMANCE CURVES



## PUMP EXTERNAL DIMENSIONS





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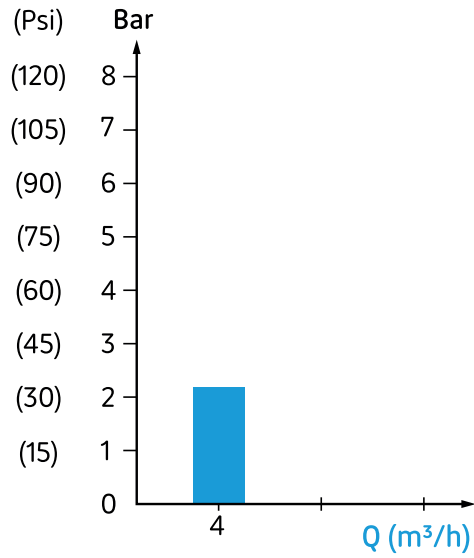
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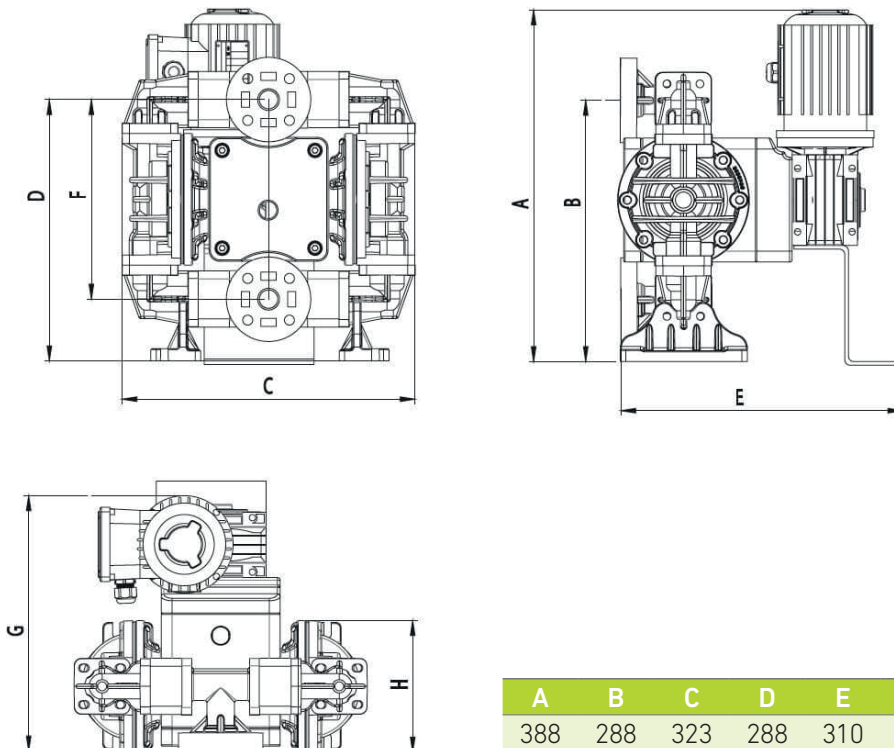
## PUMP TECHNICAL SPECIFICATIONS

<b>Max. Operating Pressure</b>	: 2 bar
<b>Voltage</b>	: 380/220 volt 50 hz
<b>Energy Consumption</b>	: 0,55 kw
<b>Displacement/Stroke</b>	: 0,55 lt/strok
<b>Max. Discharge Head</b>	: 20 mss
<b>Suction Head</b>	: 2 m
<b>Solid Particle Permeability</b>	: 4 mm
<b>Max. Capacity</b>	: 4 m3/h 66.66 l/min
<b>Reducer Speed</b>	: 60 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 1 inch
<b>Outlet</b>	: 1 inch
<b>Body Material</b>	: PB (Glass fiber added polypropylene)
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
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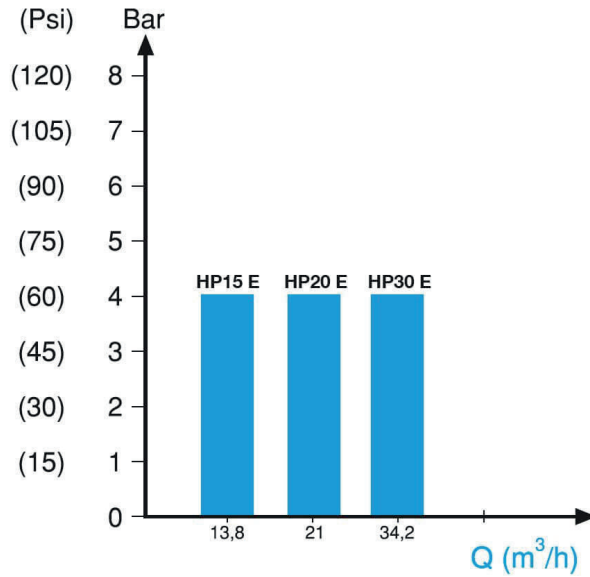
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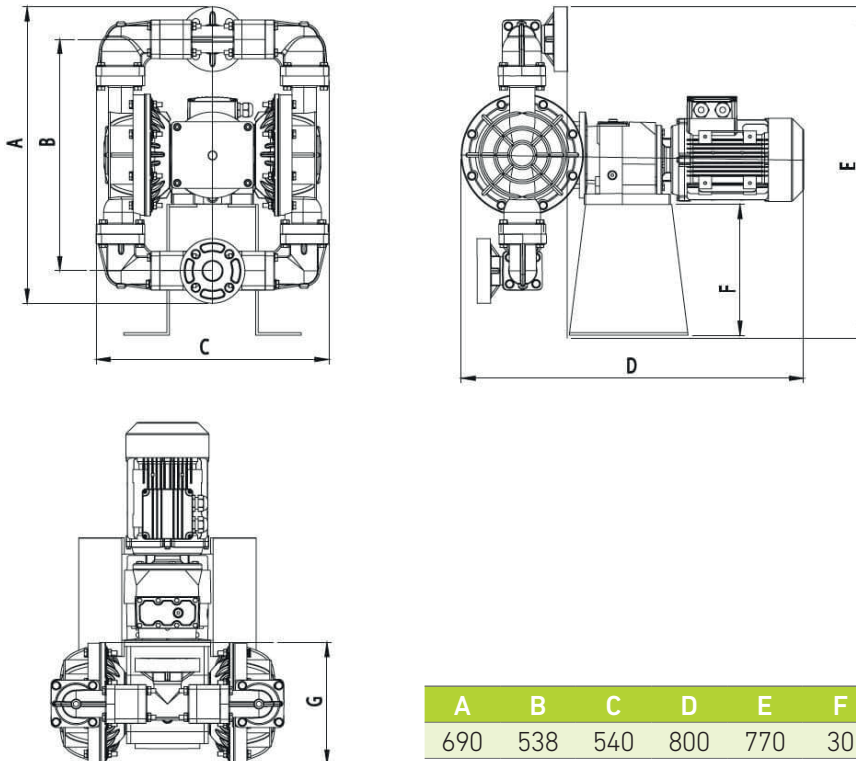
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<b>Max. Operating Pressure</b>	: 4 bar
<b>Voltage</b>	: 380 volt 50 hz
<b>Energy Consumption</b>	: 2,2 kw / 3 kw / 4 kw
<b>Displacement/Stroke</b>	: 1,47 lt/strok
<b>Max. Discharge Head</b>	: 40 mss
<b>Suction Head</b>	: 4 m
<b>Solid Particle Permeability</b>	: 6 mm
<b>Max. Capacity</b>	: 13,8 m3/h 230 l/min
<b>Reducer Speed</b>	: 78 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 1½ inch
<b>Outlet</b>	: 1½ inch
<b>Body Material</b>	: PB (Glass fiber added polypropylene)
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
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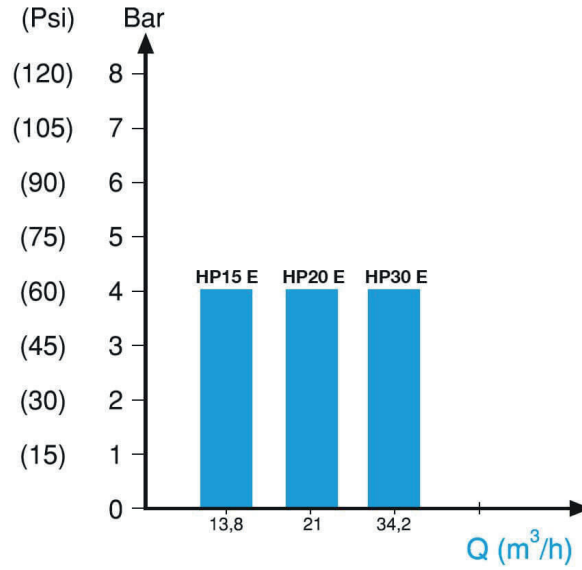
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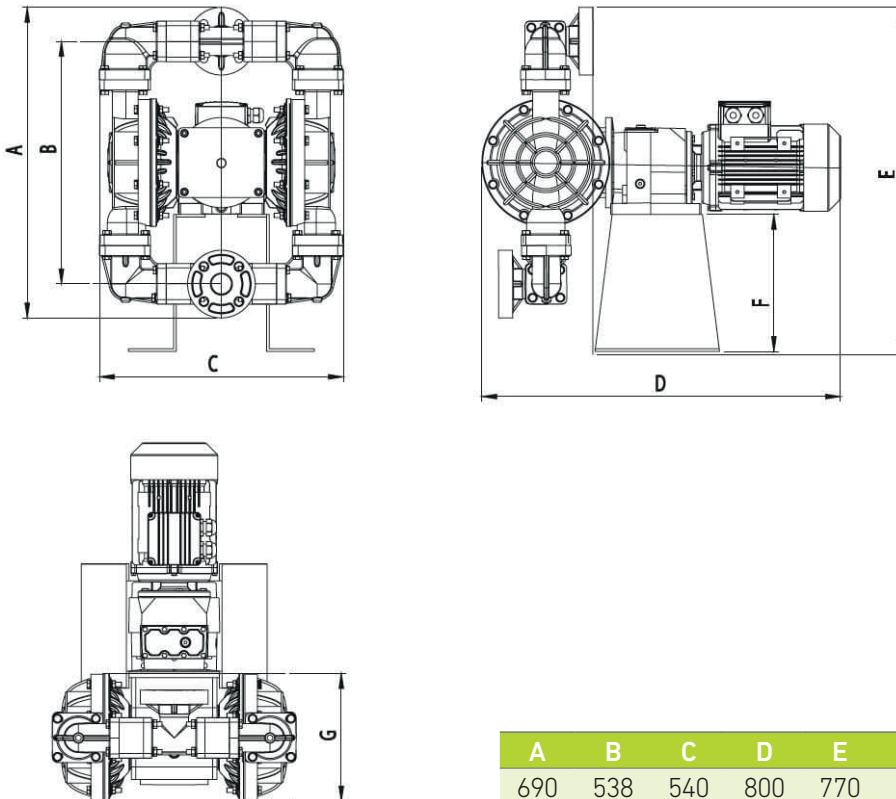
<b>Max. Operating Pressure</b>	: 4 bar
<b>Voltage</b>	: 380 volt 50 hz
<b>Energy Consumption</b>	: 3kw / 4kw / 5,5 kw
<b>Displacment/Stroke</b>	: 2,24 lt/strok
<b>Max. Discharge Head</b>	: 40 mss
<b>Suction Head</b>	: 4 m
<b>Solid Particle Permeability</b>	: 6 mm
<b>Max. Capacity</b>	: 21 m3/h 350 l/min
<b>Reducer Speed</b>	: 78 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 2 inch
<b>Outlet</b>	: 2 inch
<b>Body Material</b>	: PB (Glass fiber added polypropylene)
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
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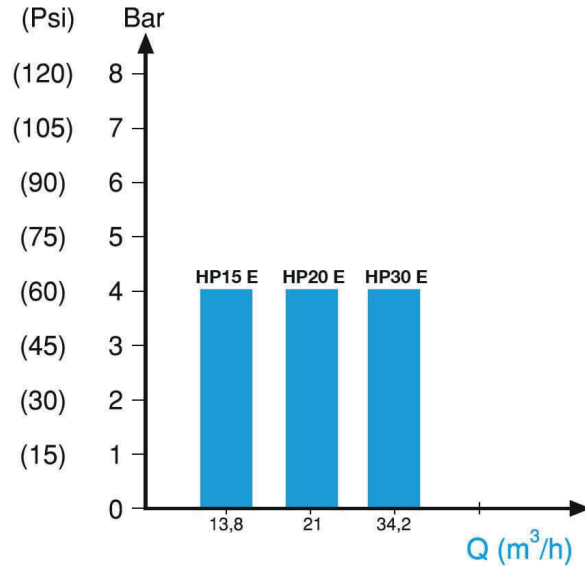
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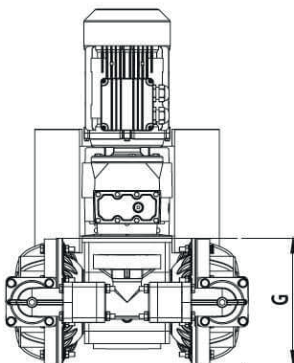
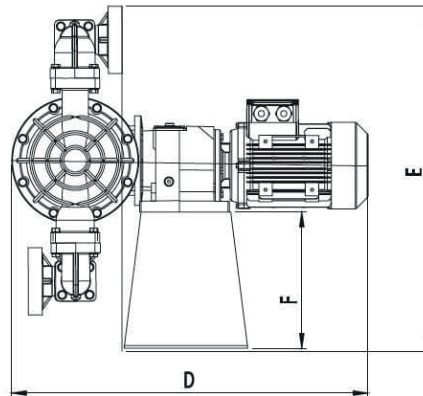
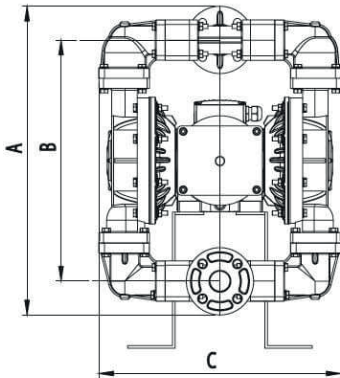
## PUMP TECHNICAL SPECIFICATIONS

<b>Max. Operating Pressure</b>	: 4 bar
<b>Voltage</b>	: 380 volt 50 hz
<b>Energy Consumption</b>	: 5,5kw / 7,5 kw
<b>Displacement/Stroke</b>	: 3,65 lt/strok
<b>Max. Discharge Head</b>	: 40 mss
<b>Suction Head</b>	: 4 m
<b>Solid Particle Permeability</b>	: 8 mm
<b>Max. Capacity</b>	: 34,2 m3/h 570 l/min
<b>Reducer Speed</b>	: 78 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 3 inch
<b>Outlet</b>	: 3 inch
<b>Body Material</b>	: PB (Glass fiber added polypropylene)
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Seat Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton

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## PUMP EXTERNAL DIMENSIONS



A	B	C	D	E	F	G
690	538	540	800	770	30	283

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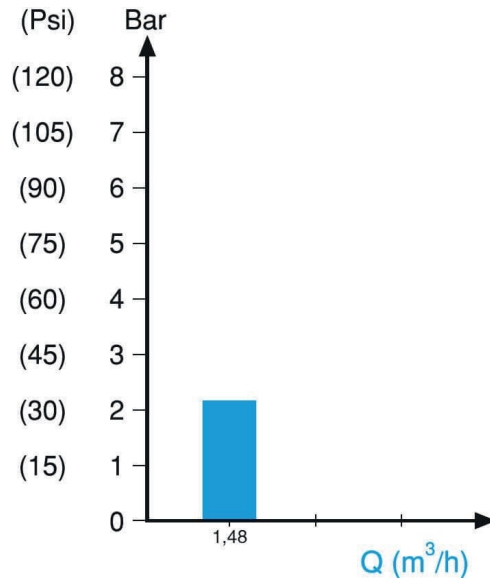
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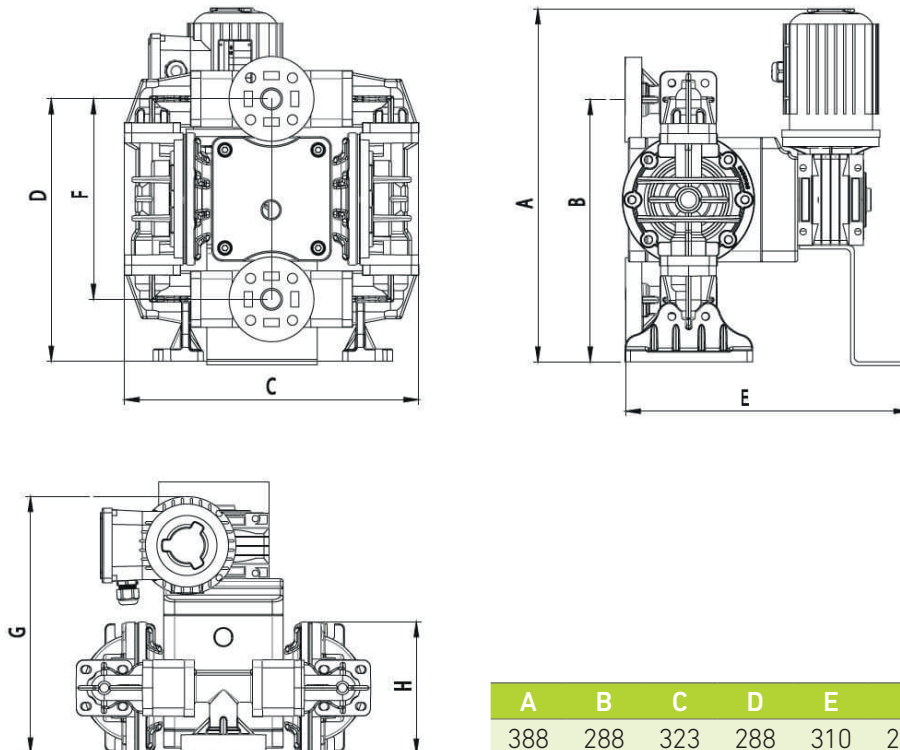
## PUMP TECHNICAL SPECIFICATIONS

<b>Max. Operating Pressure</b>	: 2 bar
<b>Voltage</b>	: 380/220 volt 50 hz
<b>Energy Consumption</b>	: 0,25 kw
<b>Displacment/Stroke</b>	: 0,2 lt/strok
<b>Max. Discharge Head</b>	: 20 mss
<b>Suction Head</b>	: 2 m
<b>Solid Particle Permeability</b>	: 3 mm
<b>Max. Capacity</b>	: 1,48 m3/h 24.6 l/min
<b>Reducer Speed</b>	: 60 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 3/4 inch
<b>Outlet</b>	: 3/4 inch
<b>Body Material</b>	: Polipropilen
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
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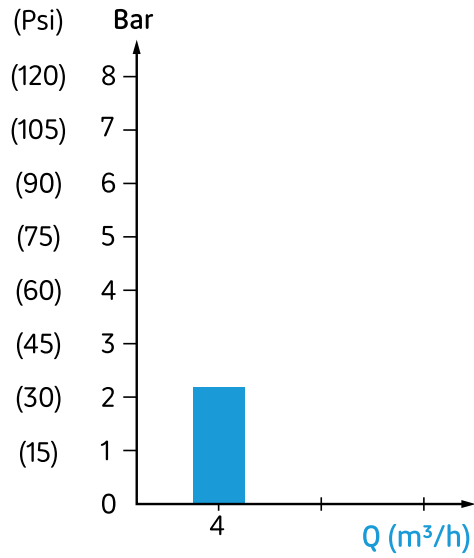
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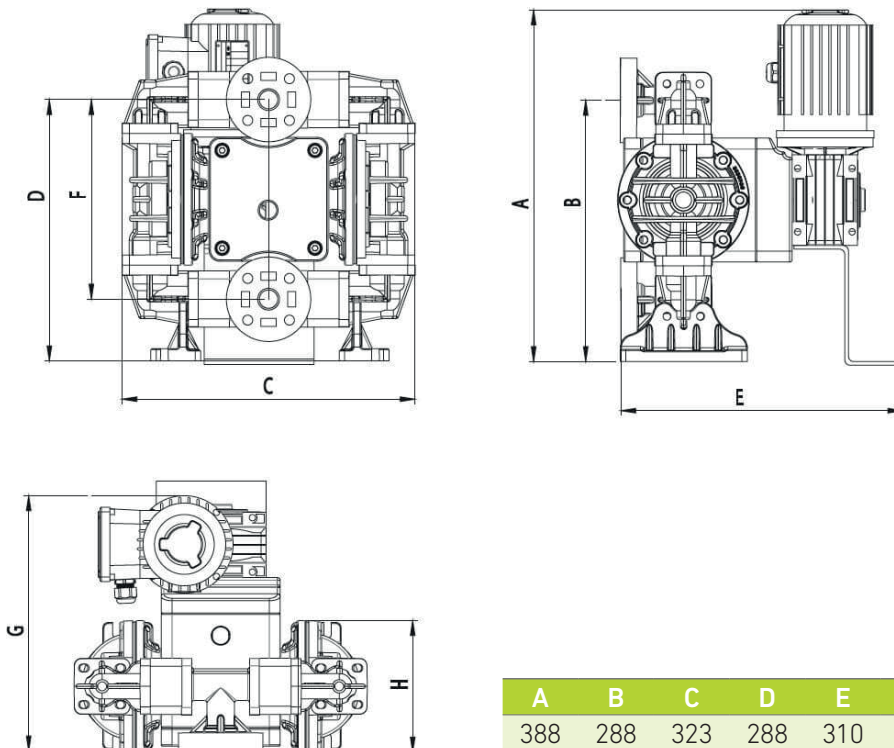
## PUMP TECHNICAL SPECIFICATIONS

<b>Max. Operating Pressure</b>	: 2 bar
<b>Voltage</b>	: 380/220 volt 50 hz
<b>Energy Consumption</b>	: 0,55 kw
<b>Displacement/Stroke</b>	: 0,55 lt/strok
<b>Max. Discharge Head</b>	: 20 mss
<b>Suction Head</b>	: 2 m
<b>Solid Particle Permeability</b>	: 4 mm
<b>Max. Capacity</b>	: 4 m3/h 66.66 l/min
<b>Reducer Speed</b>	: 60 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 1 inch
<b>Outlet</b>	: 1 inch
<b>Body Material</b>	: Polipropilen
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
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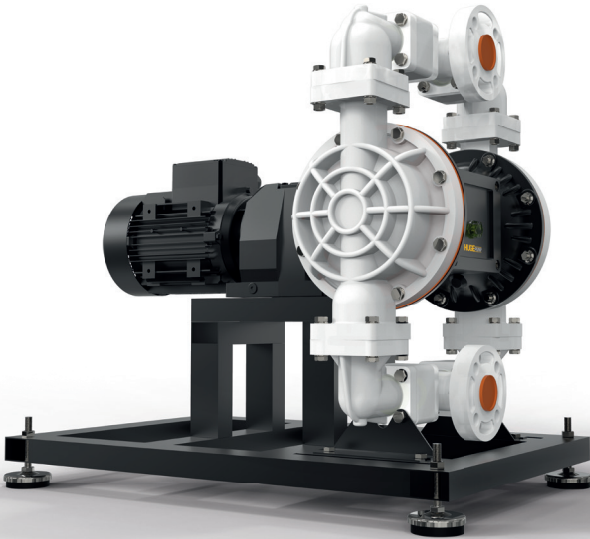


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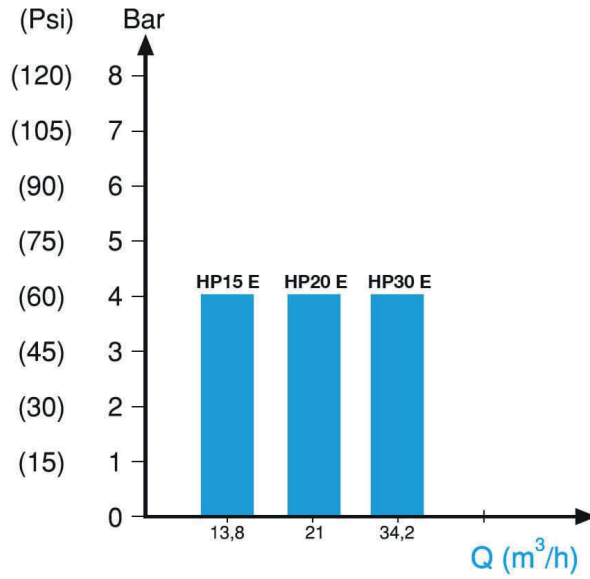
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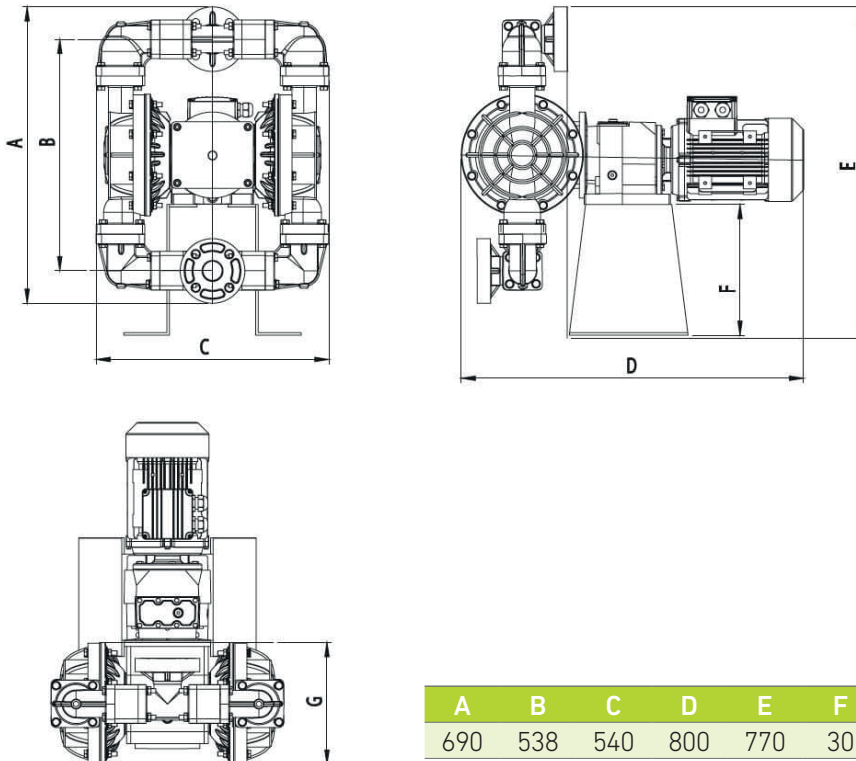
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<b>Voltage</b>	: 380 volt 50 hz
<b>Energy Consumption</b>	: 2,2 kw / 3 kw / 4 kw
<b>Displacement/Stroke</b>	: 1,47 lt/strok
<b>Max. Discharge Head</b>	: 40 mss
<b>Suction Head</b>	: 4 m
<b>Solid Particle Permeability</b>	: 6 mm
<b>Max. Capacity</b>	: 13,8 m3/h 230 l/min
<b>Reducer Speed</b>	: 78 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 1½ inch
<b>Outlet</b>	: 1½ inch
<b>Body Material</b>	: Polipropilen
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
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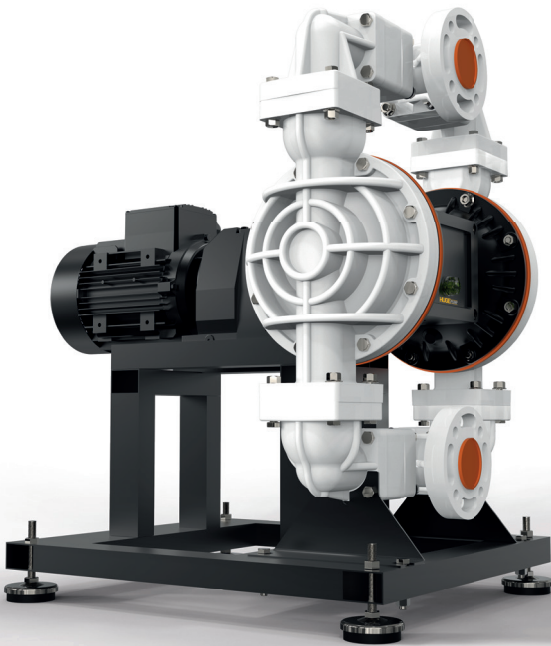


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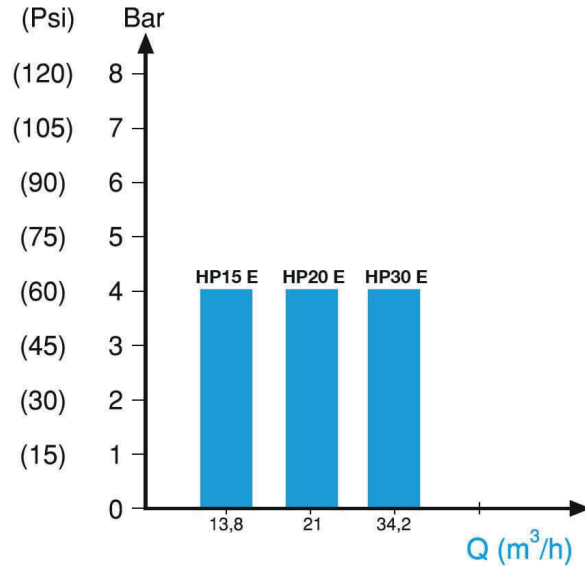
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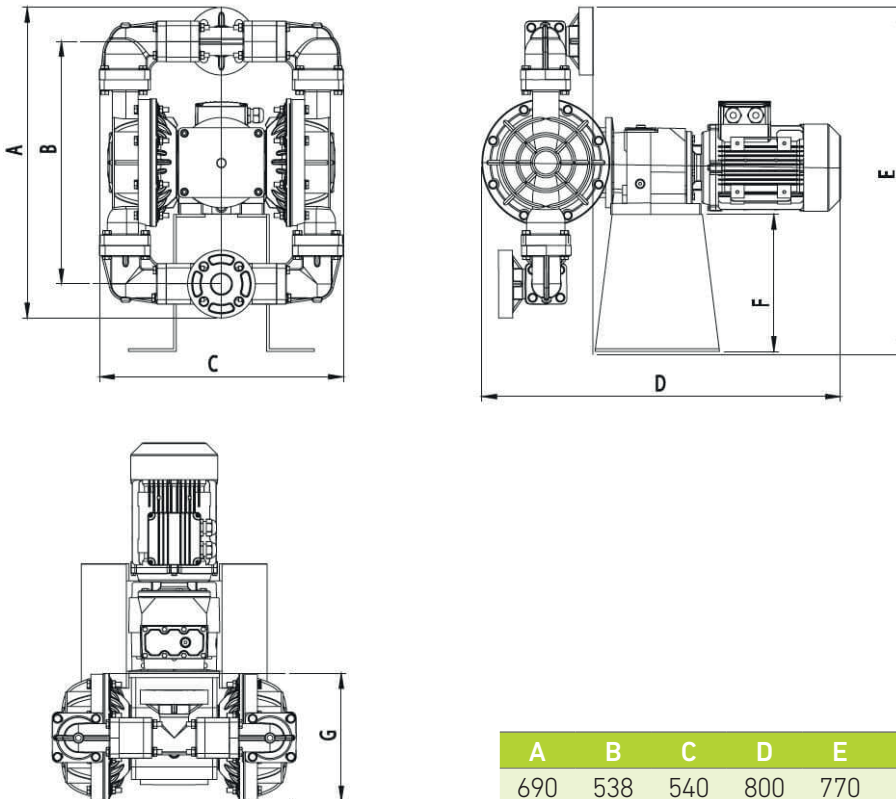
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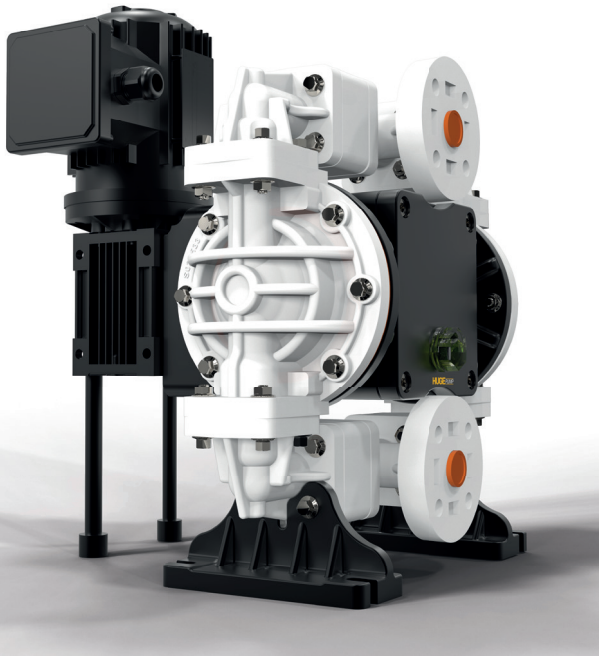
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<b>Solid Particle Permeability</b>	: 6 mm
<b>Max. Capacity</b>	: 21 m3/h 350 l/min
<b>Reducer Speed</b>	: 78 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 2 inch
<b>Outlet</b>	: 2 inch
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<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
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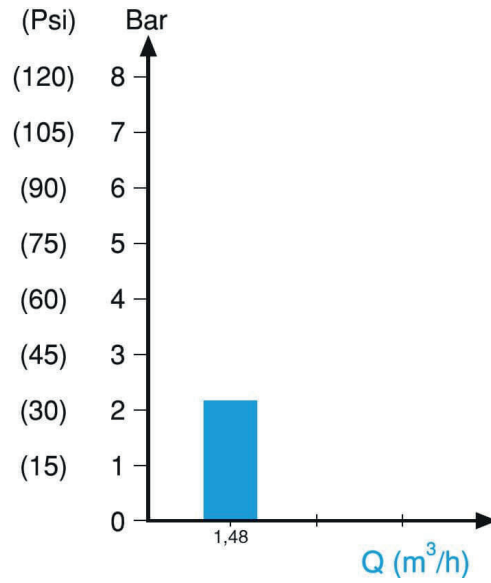
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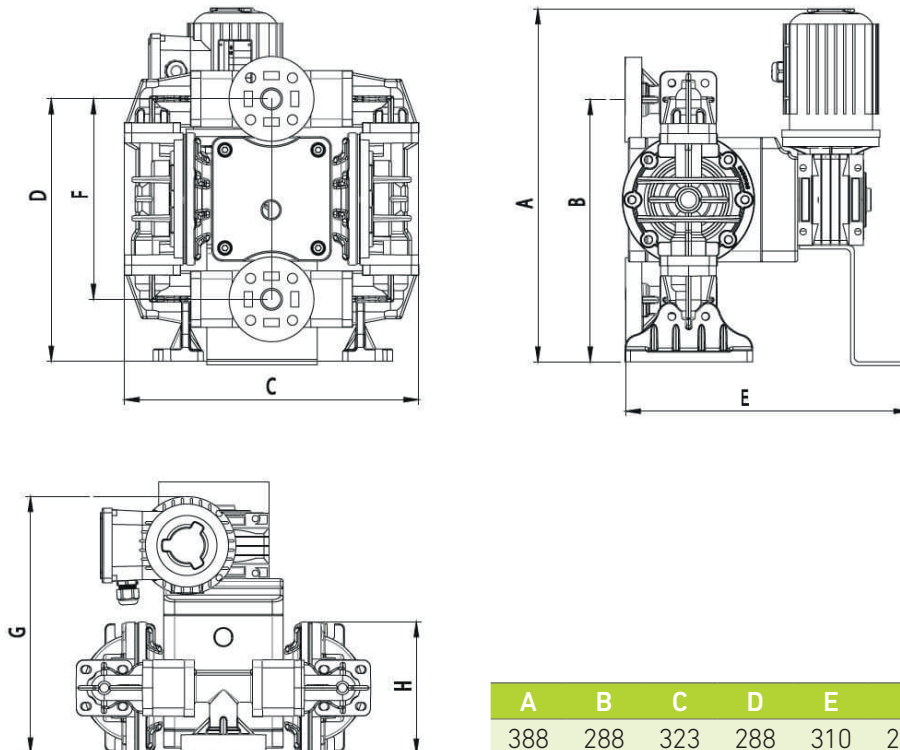
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<b>Solid Particle Permeability</b>	: 3 mm
<b>Max. Capacity</b>	: 1,48 m3/h 24.6 l/min
<b>Reducer Speed</b>	: 60 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 3/4 inch
<b>Outlet</b>	: 3/4 inch
<b>Body Material</b>	: PVDF
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
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-  PAINT AND COATING INDUSTRY
-  WASTE WATER TREATMENT
-  CHEMICAL INDUSTRY
-  MINING INDUSTRY
-  CERAMIC INDUSTRY
-  RAFINERY

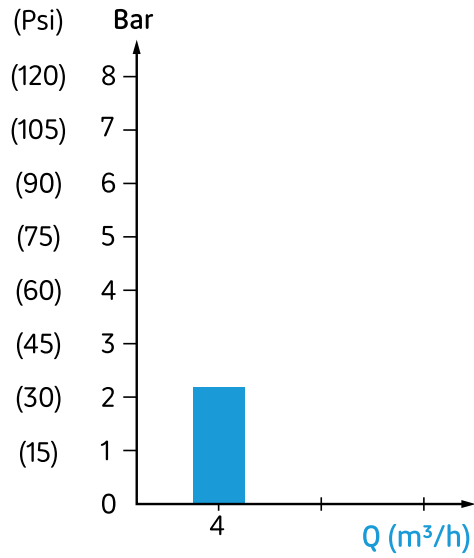
## ADVANTAGES

- 1) Solid particles may pass through the pump.
- 2) It can work with an electric motor in environments where there is no or insufficient air.
- 3) Maintenance cost is low .
- 4) The flow rate can be controlled by connecting the driver to the electric motor of the pump.
- 5) The suction depth of this pump is 2 m.
- 6) It has the feature of working dry.

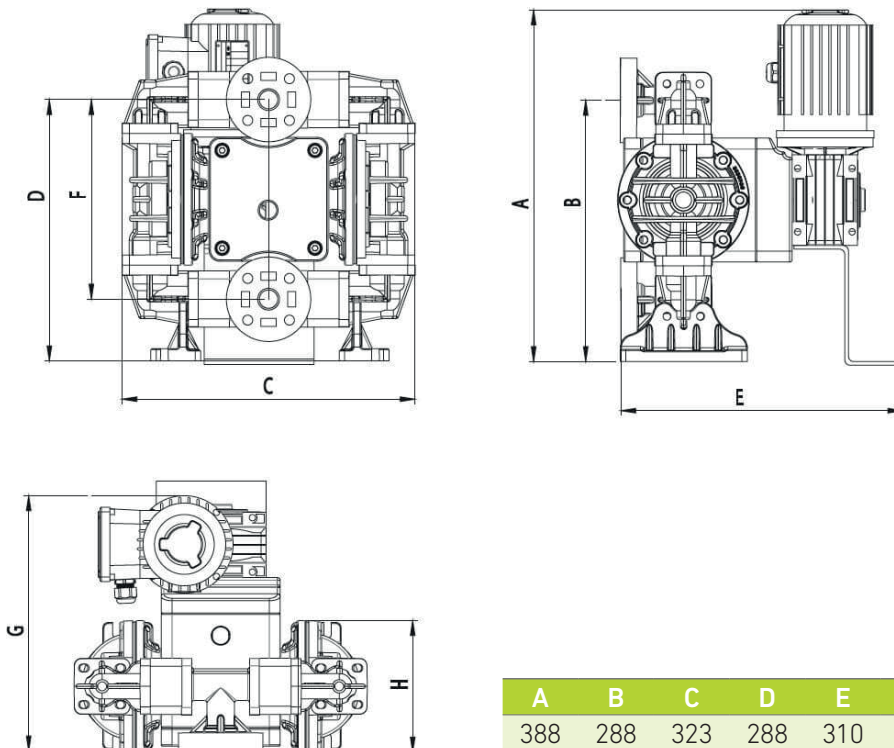
## PUMP TECHNICAL SPECIFICATIONS

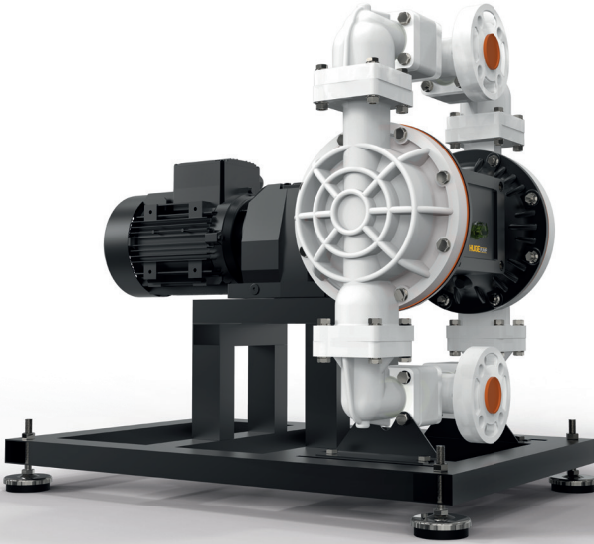
<b>Max. Operating Pressure</b>	: 2 bar
<b>Voltage</b>	: 380/220 volt 50 hz
<b>Energy Consumption</b>	: 0,55 kw
<b>Displacement/Stroke</b>	: 0,55 lt/strok
<b>Max. Discharge Head</b>	: 20 mss
<b>Suction Head</b>	: 2 m
<b>Solid Particle Permeability</b>	: 4 mm
<b>Max. Capacity</b>	: 4 m3/h 66.66 l/min
<b>Reducer Speed</b>	: 60 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 1 inch
<b>Outlet</b>	: 1 inch
<b>Body Material</b>	: PVDF
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Seat Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton

## DIAPHRAGM PUMPS PERFORMANCE CURVES



## PUMP EXTERNAL DIMENSIONS





## APPLICATION AREAS

-  MEDICAL INDUSTRY
-  FOOD INDUSTRY
-  PAINT AND COATING INDUSTRY
-  WASTE WATER TREATMENT
-  CHEMICAL INDUSTRY
-  MINING INDUSTRY
-  CERAMIC INDUSTRY
-  RAFINERY

## ADVANTAGES

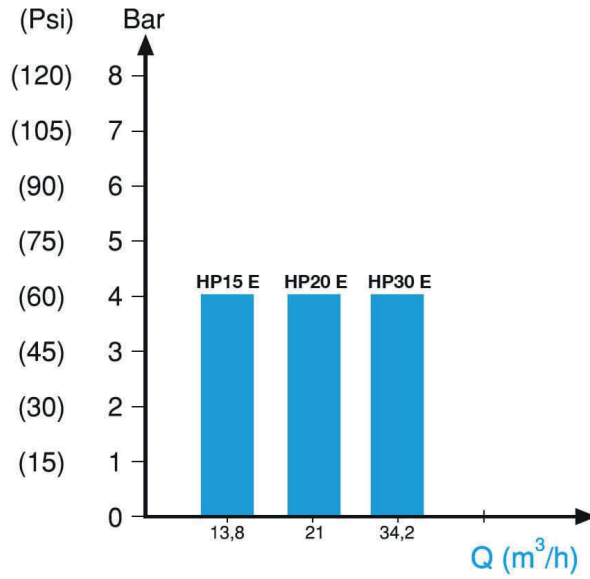
- 1) Solid particles may pass through the pump.
- 2) It can work with an electric motor in environments where there is no or insufficient air.
- 3) Maintenance cost is low .
- 4) The flow rate can be controlled by connecting the driver to the electric motor of the pump.
- 5) The suction depth of this pump is 4 m.
- 6) It has the feature of working dry.

## PUMP TECHNICAL SPECIFICATIONS

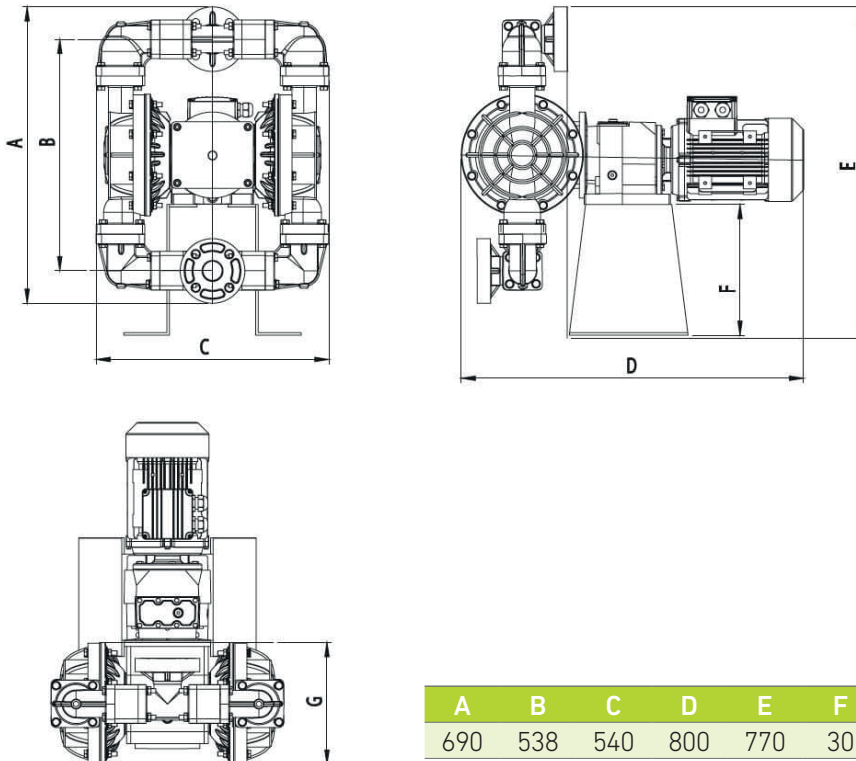
<b>Max. Operating Pressure</b>	: 4 bar
<b>Voltage</b>	: 380 volt 50 hz
<b>Energy Consumption</b>	: 2,2 kw / 3 kw / 4 kw
<b>Displacement/Stroke</b>	: 1,47 lt/strok
<b>Max. Discharge Head</b>	: 40 mss
<b>Suction Head</b>	: 4 m
<b>Solid Particle Permeability</b>	: 6 mm
<b>Max. Capacity</b>	: 13,8 m3/h 230 l/min
<b>Reducer Speed</b>	: 78 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 1½ inch
<b>Outlet</b>	: 1½ inch
<b>Body Material</b>	: PVDF
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Seat Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton



## DIAPHRAGM PUMPS PERFORMANCE CURVES



## PUMP EXTERNAL DIMENSIONS





## APPLICATION AREAS

-  MEDICAL INDUSTRY
-  FOOD INDUSTRY
-  PAINT AND COATING INDUSTRY
-  WASTE WATER TREATMENT
-  CHEMICAL INDUSTRY
-  MINING INDUSTRY
-  CERAMIC INDUSTRY
-  RAFINERY

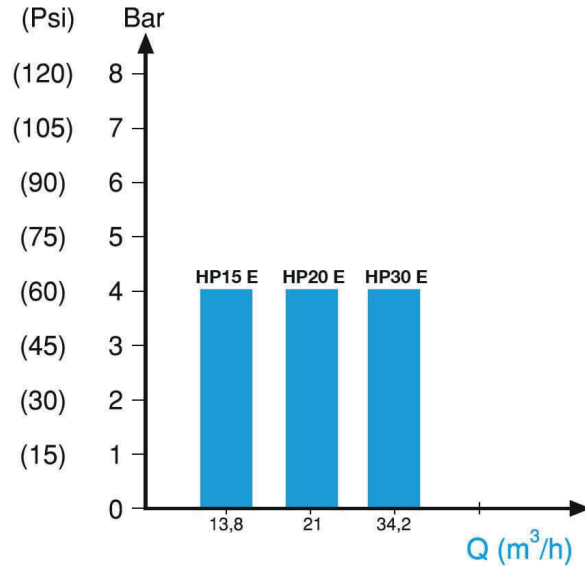
## ADVANTAGES

- 1) Solid particles may pass through the pump.
- 2) It can work with an electric motor in environments where there is no or insufficient air.
- 3) Maintenance cost is low .
- 4) The flow rate can be controlled by connecting the driver to the electric motor of the pump.
- 5) The suction depth of this pump is 4 m.
- 6) It has the feature of working dry.

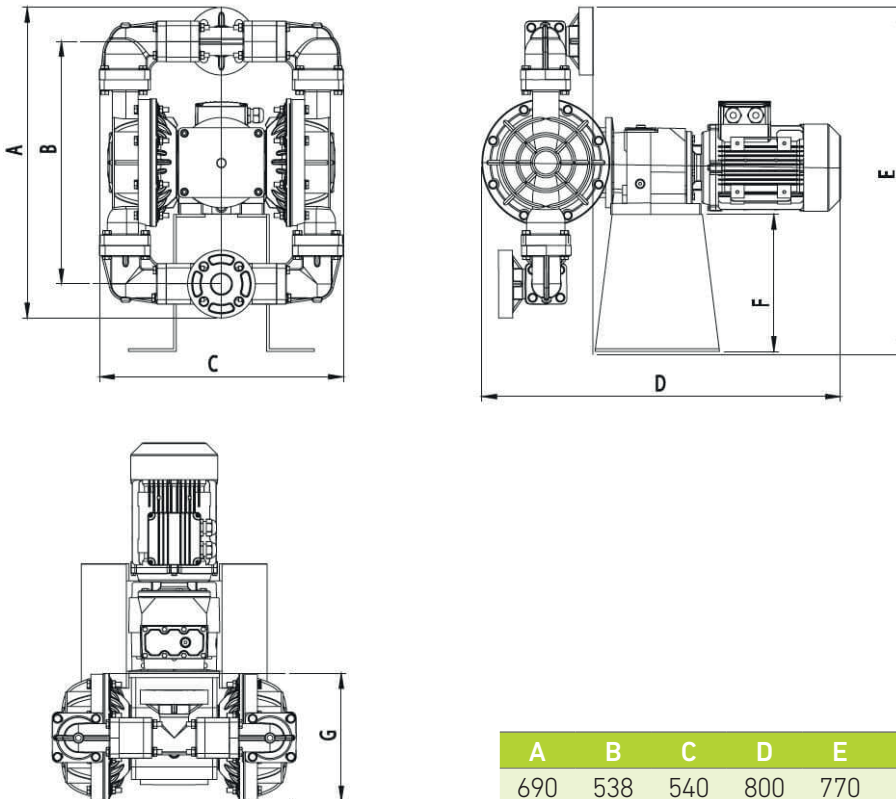
## PUMP TECHNICAL SPECIFICATIONS

<b>Max. Operating Pressure</b>	: 4 bar
<b>Voltage</b>	: 380 volt 50 hz
<b>Energy Consumption</b>	: 3kw / 4kw / 5,5 kw
<b>Displacement/Stroke</b>	: 2,24 lt/strok
<b>Max. Discharge Head</b>	: 40 mss
<b>Suction Head</b>	: 4 m
<b>Solid Particle Permeability:</b>	6 mm
<b>Max. Capacity</b>	: 21 m <sup>3</sup> /h 350 l/min
<b>Reducer Speed</b>	: 78 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 2 inch
<b>Outlet</b>	: 2 inch
<b>Body Material</b>	: PVDF
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Seat Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton

## DIAPHRAGM PUMPS PERFORMANCE CURVES



## PUMP EXTERNAL DIMENSIONS





## APPLICATION AREAS

-  MEDICAL INDUSTRY
-  FOOD INDUSTRY
-  PAINT AND COATING INDUSTRY
-  WASTE WATER TREATMENT
-  CHEMICAL INDUSTRY
-  MINING INDUSTRY
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-  RAFINERY

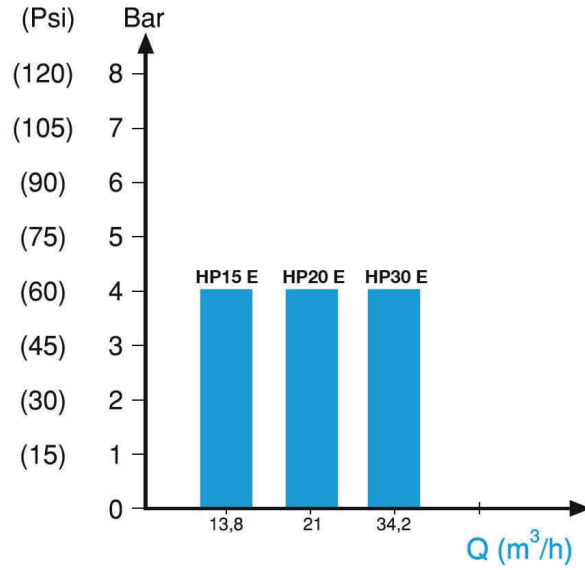
## ADVANTAGES

- 1) Solid particles may pass through the pump.
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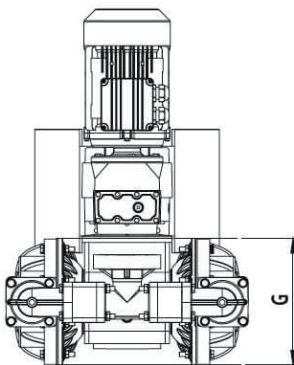
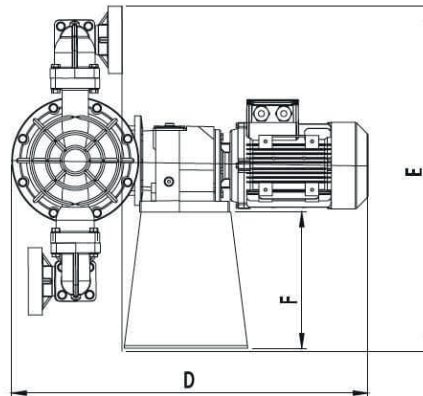
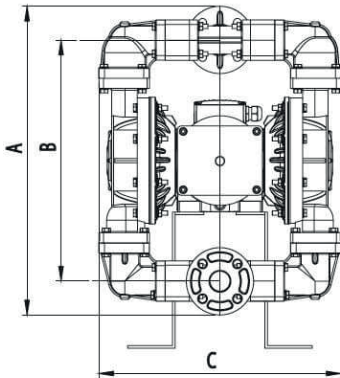
## PUMP TECHNICAL SPECIFICATIONS

<b>Max. Operating Pressure</b>	: 4 bar
<b>Voltage</b>	: 380 volt 50 hz
<b>Energy Consumption</b>	: 5,5kw / 7,5 kw
<b>Displacement/Stroke</b>	: 3,65 lt/strok
<b>Max. Discharge Head</b>	: 40 mss
<b>Suction Head</b>	: 4 m
<b>Solid Particle Permeability</b>	: 8 mm
<b>Max. Capacity</b>	: 34,2 m3/h 570 l/min
<b>Reducer Speed</b>	: 78 D/d
<b>Max. Çalışma sıcaklığı</b>	: 100 °C
<b>Inlet</b>	: 3 inch
<b>Outlet</b>	: 3 inch
<b>Body Material</b>	: PVDF
<b>Diaphragm Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton
<b>Ball Seat Options</b>	: Santoprene, Neoprene, Buna-N, EPDM, Teflon, Viton

## DIAPHRAGM PUMPS PERFORMANCE CURVES



## PUMP EXTERNAL DIMENSIONS



A	B	C	D	E	F	G
690	538	540	800	770	30	283