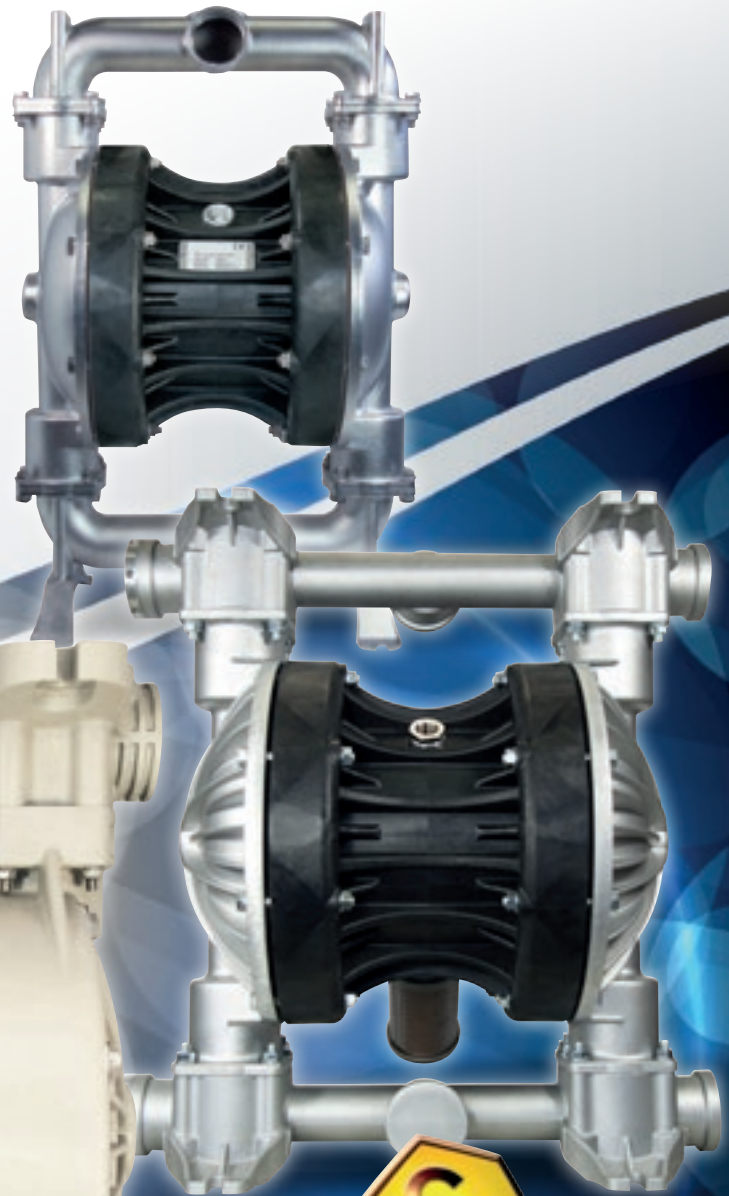
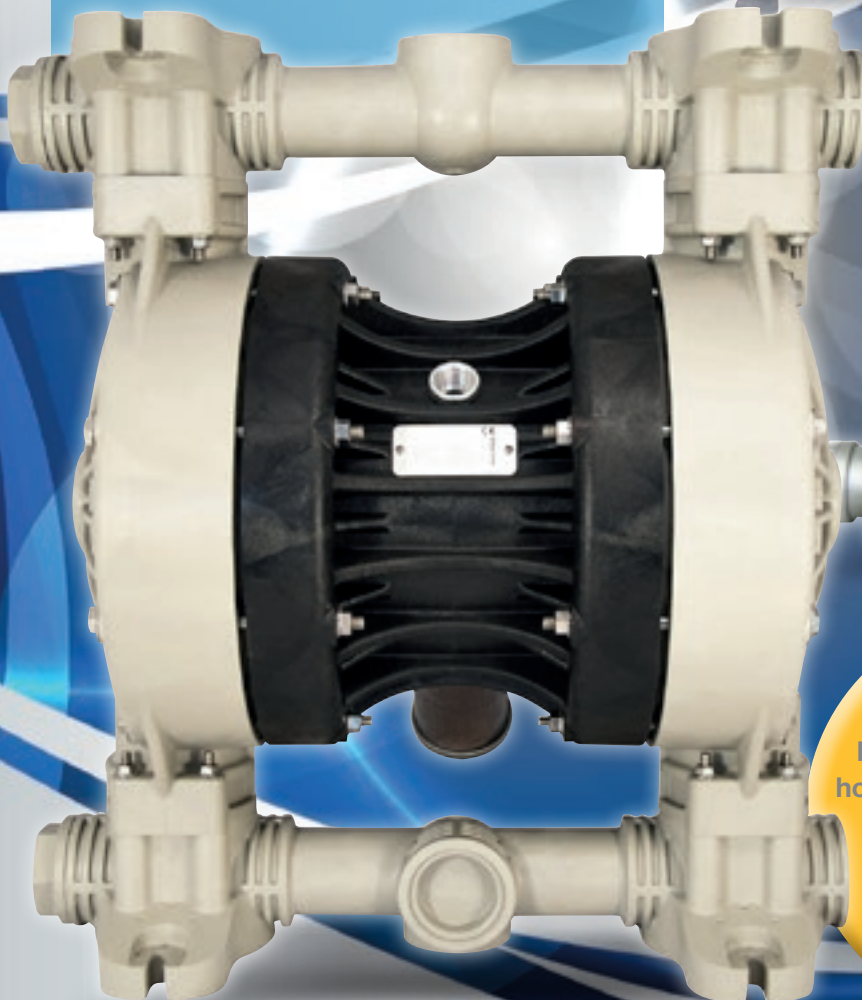


Druckluft- membran- pumpen

Air operated diaphragm pumps

- JP-800 Standard:
II 3/3 GD c IIB T135 °C
Ex Zone 2
- JP-800 Conduct:
II 2/2 GD c IIB T135 °C
Ex Zone 1



Für Öle,
Chemikalien,
brennbare Medien und
hochviskose Flüssigkeiten

For oils, chemicals,
flammable and highly
viscous media

Druckluftmembranpumpen | Air operated diaphragm pumps

Vorteile

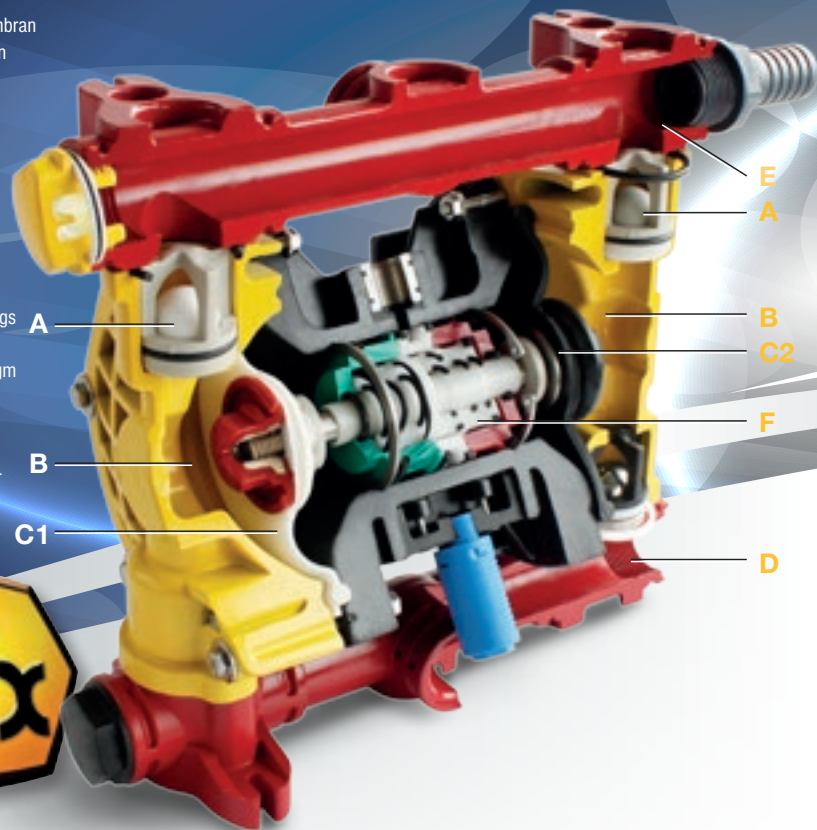
- Förderung von aggressiven und brennbaren Substanzen, viskosen Flüssigkeiten, auch mit Feststoffanteilen sowie Medien mit Gasanteilen.
- Einsatz speziell in explosionsgefährdeten Bereichen möglich (ATEX Zertifizierung).
- Betriebssicherheit auch bei hoher Luftfeuchtigkeit.
- Über Luftdruck variabel einstellbare Fördermenge und Förderhöhe.
- Trockenlauf problemlos möglich.
- Betrieb mit ölfreier Luft.
- Bei Trockenstart ist Selbstsaugung gewährleistet.
- Drei Saug- und Druckanschlüsse.
- Möglichkeit zur Teilung der Kollektoren. Dadurch können zwei Medien gleichzeitig gefördert werden.
- Leichter Austausch von Ersatzteilen und einfache Wartung durch Ihre Service-Abteilung.

Technischer Aufbau der Pumpen

- A = Kugeln, Kugelsitze, O-Ringe
- B = Pumpenkammer
- C1 = Mediumberührte Membran
- C2 = Luftberührte Membran
- D = Sauganschluss
- E = Druckanschluss
- F = Luftaustauscher

Technical construction of the pumps

- A = Balls, ball seats, O-rings
- B = Pumping chamber
- C1 = Product-side diaphragm
- C2 = Air-side diaphragm
- D = Suction connection
- E = Delivery connection
- F = Pneumatic exchanger



Advantages

- Pumping of aggressive and flammable substances, viscous liquids also with solids and media containing gas.
- Especially suitable for use in hazardous areas (ATEX certification).
- Reliability even at high humidity.
- Adjustable flow rate and head via air pressure.
- Dry-running without any problems.
- Operation with non-lubricated air.
- Dry self-priming.
- Three suction and delivery connections.
- Manifolds can be separated. Therefore two different media can be pumped at the same time.
- Easy replacement of spare parts and maintenance by your service department.

Funktionsweise

Phase 1:

Die Druckluft, die hinter der Membran zugeführt wird, drückt das Medium aus der Kammer in Richtung Druckanschluss.

Gleichzeitig wird durch die Anschlusswelle die Membran B mitgenommen wodurch die Ansaugung bewirkt wird.

Phase 2:

Bei Hubende schaltet der Zyklus um.

- Druckluft
- Saugvorgang
- Druckvorgang

Functionality

Phase 1:

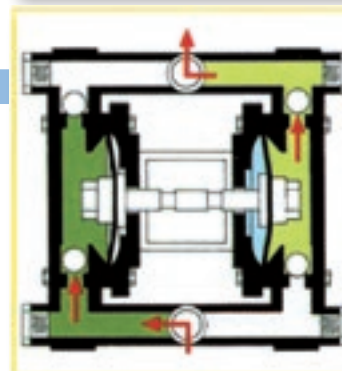
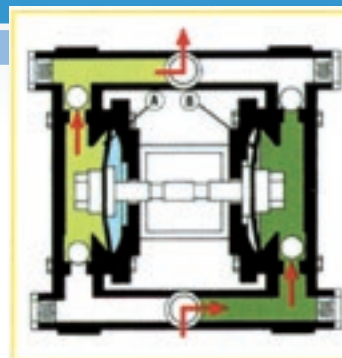
The air that is supplied behind the diaphragm pushes the medium from the chamber to the delivery connection.

At the same time the diaphragm B is pulled by the shaft. This creates the suction process.

Phase 2:

Direction is reversed at stroke end.

- Compressed air
- Suction process
- Delivery process



JP-800.5 1/4", 5 l/min

► Polypropylen



Standard:

II 3/3 GD c IIB T135 °C (Ex Zone 2)

Conduct:

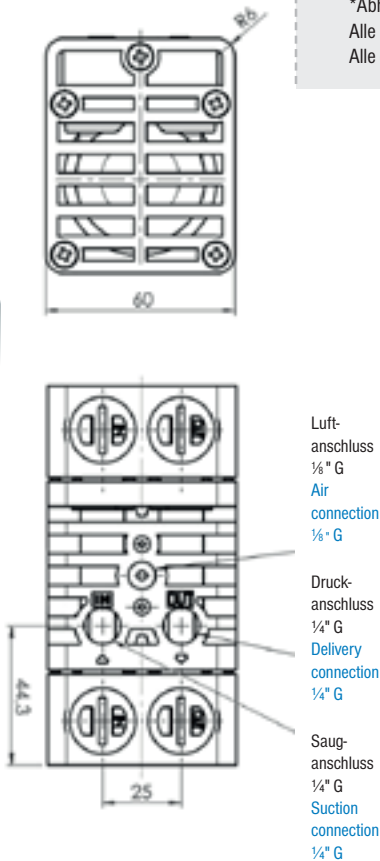
II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten

Technical data

Druck-/Sauganschluss	Delivery/suction connection	G 1/4"
Luftanschluss	Air connection	G 1/8"
Max. Saughöhe trocken*	Max. dry suction lift*	3 m
Max. Förderleistung*	Max. flow rate*	5 l/min
Max. Förderhöhe*	Max. head*	70 m
Feststoffe	Solids	-
Max. Betriebsdruck	Max. air supply pressure	7 bar
Werkstoff	Construction material	PP
Gewicht	Net weight	0,5 kg

Abmessungen - Dimensions PP

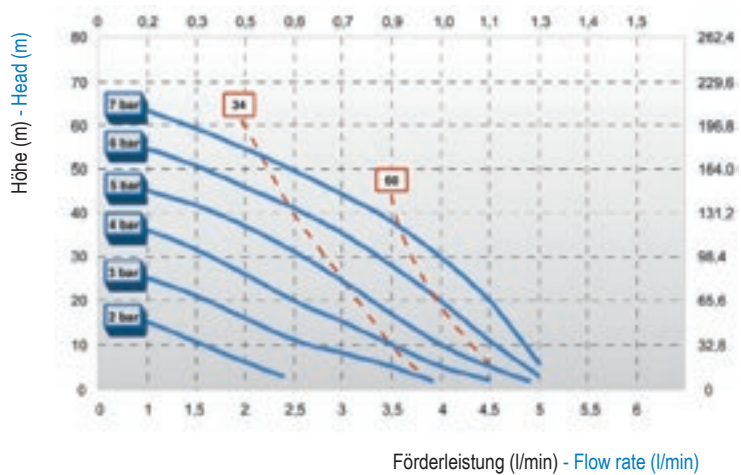


*Abhängig von den Werkstoffen - *Depending on construction materials

Alle Gewinde sind Innengewinde - All threads are female threads

Alle genannten Werte sind unverbindliche Richtwerte - All values shown are approximate and not binding

Temperaturen /Temperatures PP 65 °C; PVDF, Alu, SS 95 °C



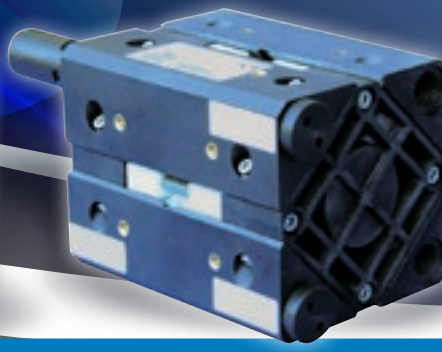
Leistungskurve - Performance curve

- Betriebsdruck - Air supply pressure
- Luftverbrauch NI/min - Air consumption NI/min

JP-800.16 3/8", 17 l/min

► Polypropylen

► ECTFE



Standard:

II 3/3 GD c IIB T135 °C (Ex Zone 2)

Conduct:

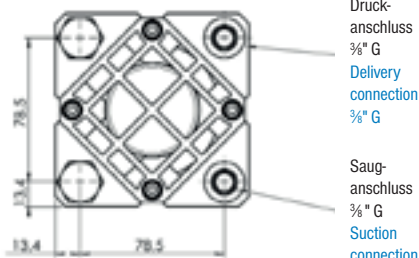
II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten

Technical data

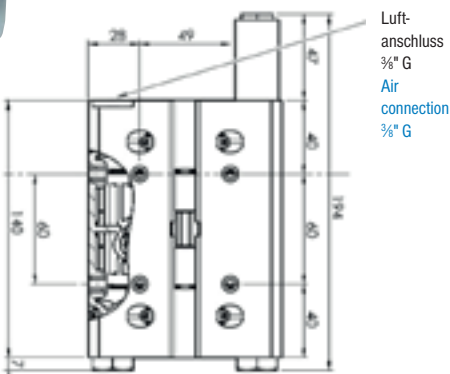
Druck-/Sauganschluss	Delivery/suction connection	G 3/8"
Luftanschluss	Air connection	G 3/8"
Max. Saughöhe trocken*	Max. dry suction lift*	4 m
Max. Förderleistung*	Max. flow rate*	17 l/min
Max. Förderhöhe*	Max. head*	70 m
Feststoffe	Solids	Ø max. 0,5 mm
Max. Betriebsdruck	Max. air supply pressure	7 bar
Werkstoff	Construction material	PP/ECTFE
Gewicht	Net weight	1,0/1,5 kg

Abmessungen - Dimensions PP/ECTFE



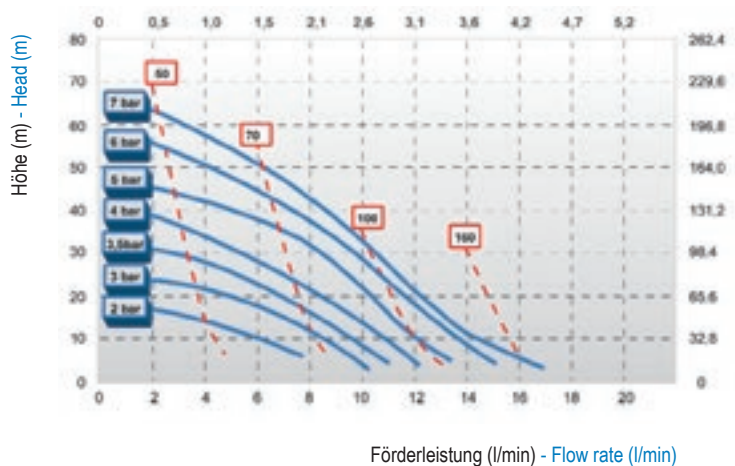
Druck-anschluss
3/8" G
Delivery
connection
3/8" G

Saug-anschluss
3/8" G
Suction
connection
3/8" G



Luft-anschluss
3/8" G
Air
connection
3/8" G

Temperaturen /Temperatures PP 65 °C; PVDF, Alu, SS 95 °C



Leistungskurve - Performance curve

— Betriebsdruck - Air supply pressure
— Luftverbrauch NI/min - Air consumption NI/min

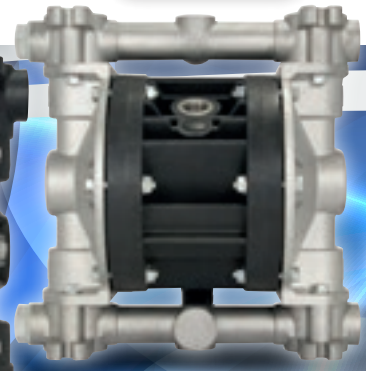
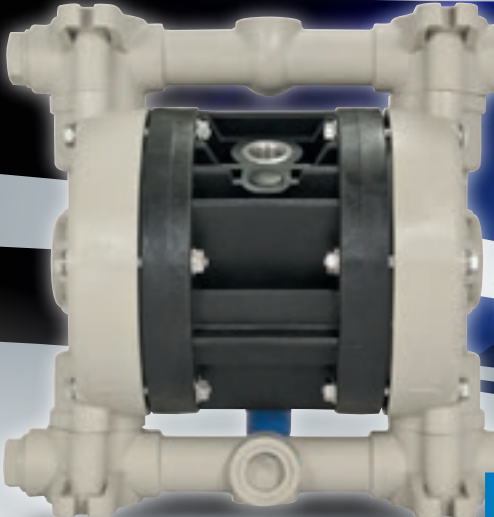
JP-800.50 1/2", 50 l/min

► Polypropylen

► PVDF

► Aluminium

► Edelstahl/Stainless Steel



Standard:
II 3/3 GD c IIB T135 °C (Ex Zone 2)
Conduct:
II 2/2 GD c IIB T135 °C (Ex Zone 1)

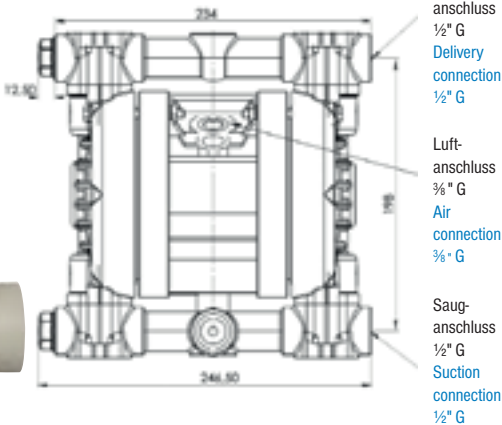
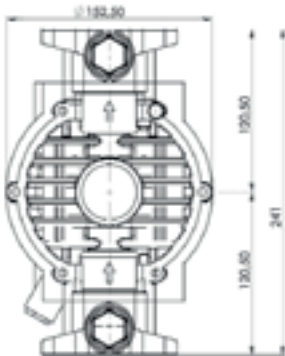
Technische Daten

Technical data

Druck-/Sauganschluss	Delivery/suction connection	G 1/2"
Luftanschluss	Air connection	G 3/8"
Max. Saughöhe trocken*	Max. dry suction lift*	5 m
Max. Förderleistung*	Max. flow rate*	50 l/min
Max. Förderhöhe*	Max. head*	70 m
Feststoffe	Solids	Ø max. 4 mm
Max. Betriebsdruck	Max. air supply pressure	7 bar
Werkstoff	Construction material	PP/PVDF/Alu/Edelstahl (SS)
Gewicht	Net weight	3,6/4,2/4,0/6,5 kg

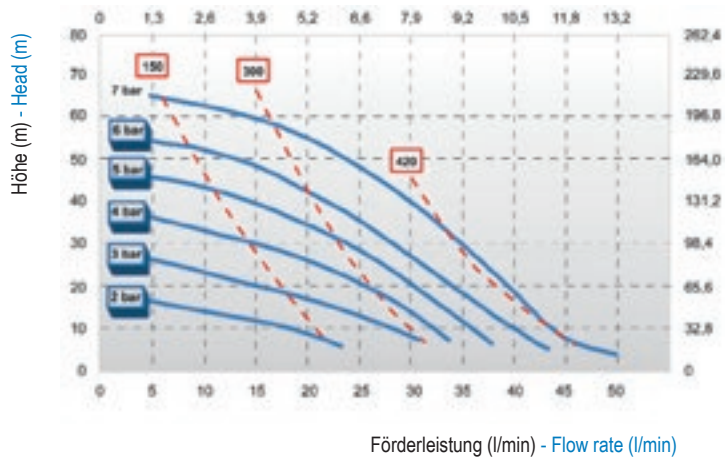
Abmessungen - Dimensions

PP/PVDF



*Abhängig von den Werkstoffen - *Depending on construction materials
Alle Gewinde sind Innengewinde - All threads are female threads
Alle genannten Werte sind unverbindliche Richtwerte - All values shown are approximate and not binding

Temperaturen /Temperatures PP 65 °C; PVDF, Alu, SS 95 °C



Leistungskurve - Performance curve

— Betriebsdruck - Air supply pressure
— Luftverbrauch NI/min - Air consumption NI/min

JP-800.90 1", 100 l/min

► Edelstahl/Stainless Steel



Standard:

II 3/3 GD c IIB T135 °C (Ex Zone 2)

Conduct:

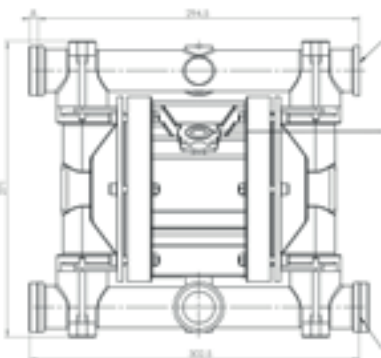
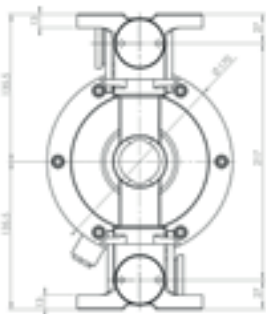
II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten

Technical data

Druck-/Sauganschluss	Delivery/suction connection	G 1"
Luftanschluss	Air connection	G 3/8"
Max. Saughöhe trocken*	Max. dry suction lift*	6 m
Max. Förderleistung*	Max. flow rate*	100 l/min
Max. Förderhöhe*	Max. head*	70 m
Feststoffe	Solids	Ø max. 4 mm
Max. Betriebsdruck	Max. air supply pressure	7 bar
Werkstoff	Construction material	Edelstahl (SS)
Gewicht	Net weight	10,5 kg

Abmessungen - Dimensions Edelstahl - Stainless Steel



Druckanschluss
1" G
Delivery connection
1" G

Luftanschluss
3/8" G
Air connection
3/8" G

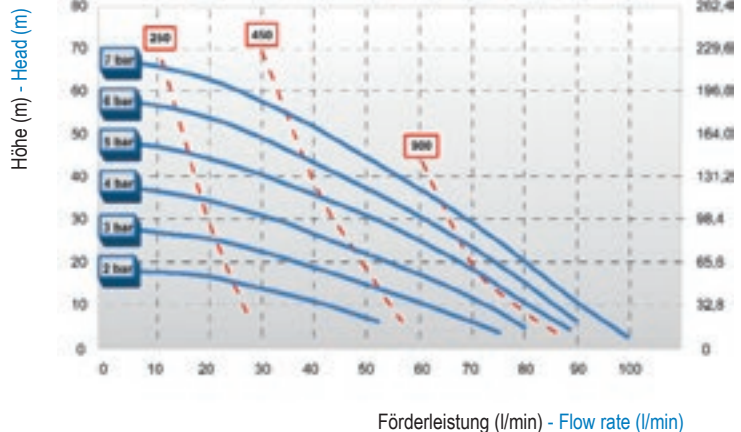
Sauganschluss
1" G
Suction connection
1" G

*Abhängig von den Werkstoffen - *Depending on construction materials

Alle Gewinde sind Innengewinde - All threads are female threads

Alle genannten Werte sind unverbindliche Richtwerte - All values shown are approximate and not binding

Temperaturen /Temperatures PP 65 °C; PVDF, Alu, SS 95 °C



Leistungskurve - Performance curve

— Betriebsdruck - Air supply pressure
— Luftverbrauch NI/min - Air consumption NI/min

JP-800.91 1", 100 l/min

▶ Aluminium

▶ PVDF

▶ Polypropylen



Standard:

II 3/3 GD c IIB T135 °C (Ex Zone 2)

Conduct:

II 2/2 GD c IIB T135 °C (Ex Zone 1)

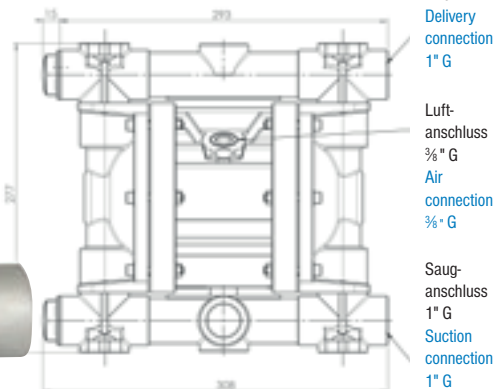
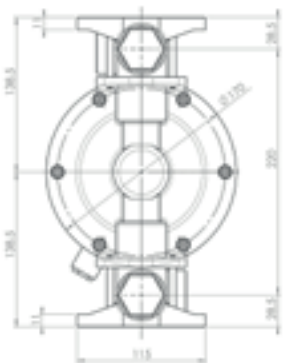
Technische Daten

Technical data

Druck-/Sauganschluss	Delivery/suction connection	G 1"
Luftanschluss	Air connection	G 3/8"
Max. Saughöhe trocken*	Max. dry suction lift*	6 m
Max. Förderleistung*	Max. flow rate*	100 l/min
Max. Förderhöhe*	Max. head*	70 m
Feststoffe	Solids	Ø max. 4 mm
Max. Betriebsdruck	Max. air supply pressure	7 bar
Werkstoff	Construction material	PP/PVDF/Alu
Gewicht	Net weight	5,0/6,5/6,5 kg

Abmessungen - Dimensions

Aluminium

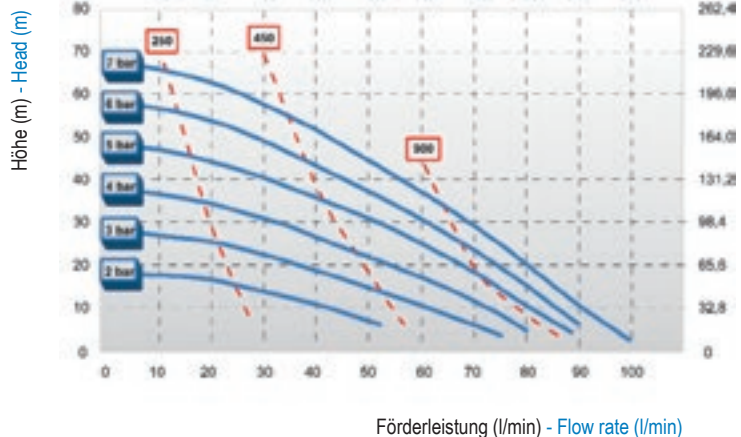


*Abhängig von den Werkstoffen - *Depending on construction materials

Alle Gewinde sind Innengewinde - All threads are female threads

Alle genannten Werte sind unverbindliche Richtwerte - All values shown are approximate and not binding

Temperaturen /Temperatures PP 65 °C; PVDF, Alu, SS 95 °C



Leistungskurve - Performance curve

— Betriebsdruck - Air supply pressure
— Luftverbrauch NI/min - Air consumption NI/min

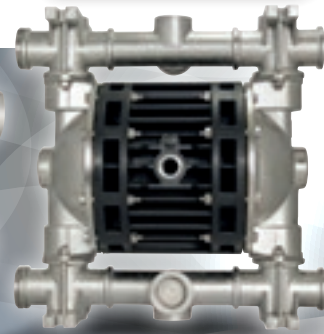
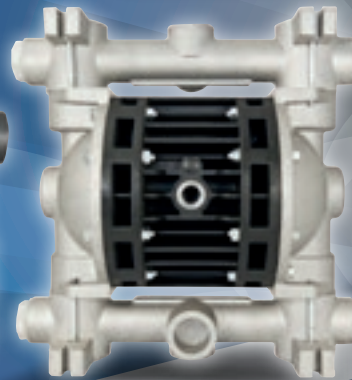
JP-800.220 1 1/4", 220 l/min

► Edelstahl/Stainless Steel

► Aluminium

► PVDF

► Polypropylen



Standard:
II 3/3 GD c IIB T135 °C (Ex Zone 2)
Conduct:
II 2/2 GD c IIB T135 °C (Ex Zone 1)

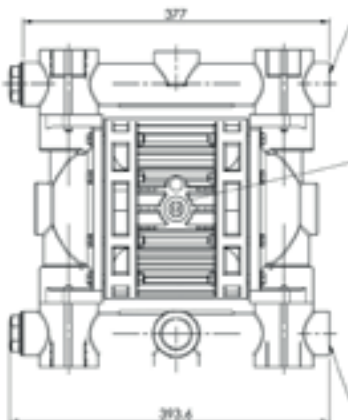
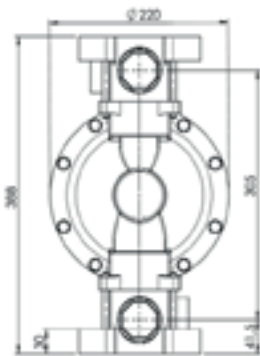
Technische Daten

Technical data

Druck-/Sauganschluss	Delivery/suction connection	G 1 1/4"
Luftanschluss	Air connection	G 1/2"
Max. Saughöhe trocken*	Max. dry suction lift*	6 m
Max. Förderleistung*	Max. flow rate*	220 l/min
Max. Förderhöhe*	Max. head*	70 m
Feststoffe	Solids	Ø max. 5 mm
Max. Betriebsdruck	Max. air supply pressure	7 bar
Werkstoff	Construction material	PP/PVDF/Alu/Edelstahl (SS)
Gewicht	Net weight	12,0/14,0/16,0/21,0 kg

Abmessungen - Dimensions

Aluminium



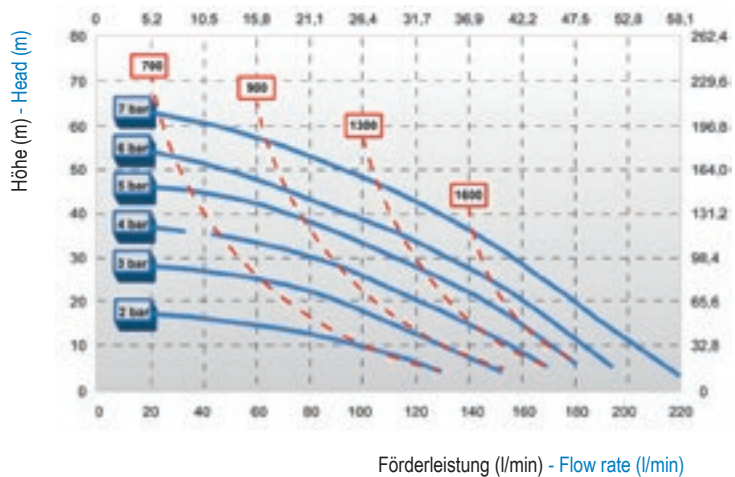
Druckanschluss
1 1/4" G
Delivery connection
1 1/4" G

Luftanschluss
1/2" G
Air connection
1/2" G

Sauganschluss
1 1/4" G
Suction connection
1 1/4" G

*Abhängig von den Werkstoffen - *Depending on construction materials
Alle Gewinde sind Innengewinde - All threads are female threads
Alle genannten Werte sind unverbindliche Richtwerte - All values shown are approximate and not binding

Temperaturen /Temperatures PP 65 °C; PVDF, Alu, SS 95 °C



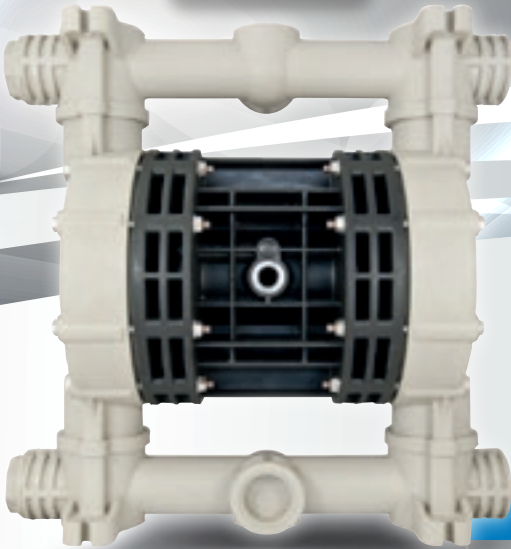
Leistungskurve - Performance curve

— Betriebsdruck - Air supply pressure
— Luftverbrauch NI/min - Air consumption NI/min

JP-800.340 1½", 340 l/min

► PVDF

► Polypropylen



Standard:

II 3/3 GD c IIB T135 °C (Ex Zone 2)

Conduct:

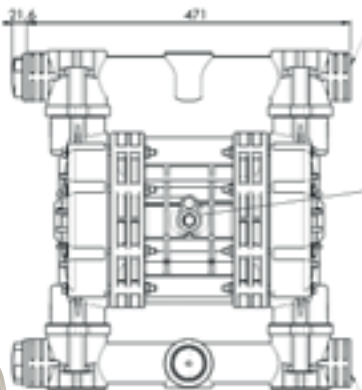
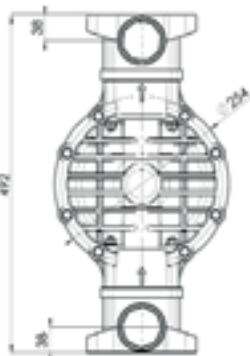
II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten

Technical data

Druck-/Sauganschluss	Delivery/suction connection	G 1½"
Luftanschluss	Air connection	G ½"
Max. Saughöhe trocken*	Max. dry suction lift*	6 m
Max. Förderleistung*	Max. flow rate*	340 l/min
Max. Förderhöhe*	Max. head*	70 m
Feststoffe	Solids	Ø max. 6 mm
Max. Betriebsdruck	Max. air supply pressure	7 bar
Werkstoff	Construction material	PP/PVDF
Gewicht	Net weight	16,0/20,0 kg

Abmessungen - Dimensions
PP/PVDF



Druck-anschluss
1½" G
Delivery connection
1½" G

Luft-anschluss
½" G
Air connection
½" G

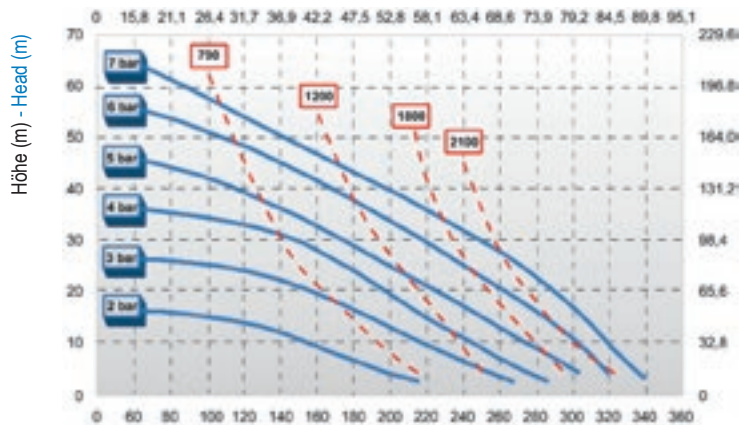
Saug-anschluss
1½" G
Suction connection
1½" G

*Abhängig von den Werkstoffen - *Depending on construction materials

Alle Gewinde sind Innengewinde - All threads are female threads

Alle genannten Werte sind unverbindliche Richtwerte - All values shown are approximate and not binding

Temperaturen /Temperatures PP 65 °C; PVDF, Alu, SS 95 °C



Leistungskurve - Performance curve

— Betriebsdruck - Air supply pressure
— Luftverbrauch NI/min - Air consumption NI/min

JP-800.341 1½", 340 l/min

► Edelstahl/Stainless Steel

► Aluminium



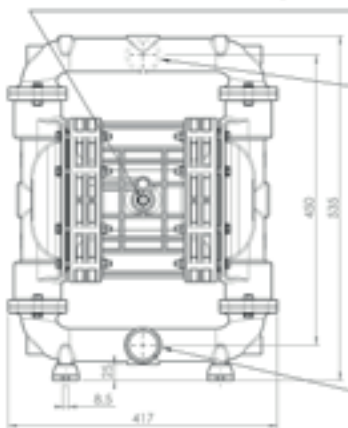
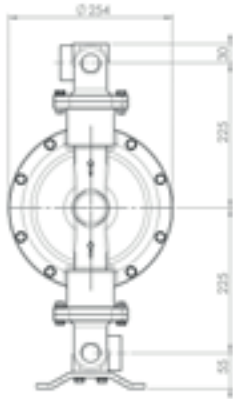
Standard:
II 3/3 GD c IIB T135 °C (Ex Zone 2)
Conduct:
II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten

Technical data

Druck-/Sauganschluss	Delivery/suction connection	G 1½"
Luftanschluss	Air connection	G ½"
Max. Saughöhe trocken*	Max. dry suction lift*	6 m
Max. Förderleistung*	Max. flow rate*	340 l/min
Max. Förderhöhe*	Max. head*	70 m
Feststoffe	Solids	Ø max. 6 mm
Max. Betriebsdruck	Max. air supply pressure	7 bar
Werkstoff	Construction material	Alu/Edelstahl (SS)
Gewicht	Net weight	21,0/32,0 kg

Abmessungen - Dimensions Edelstahl - Stainless Steel



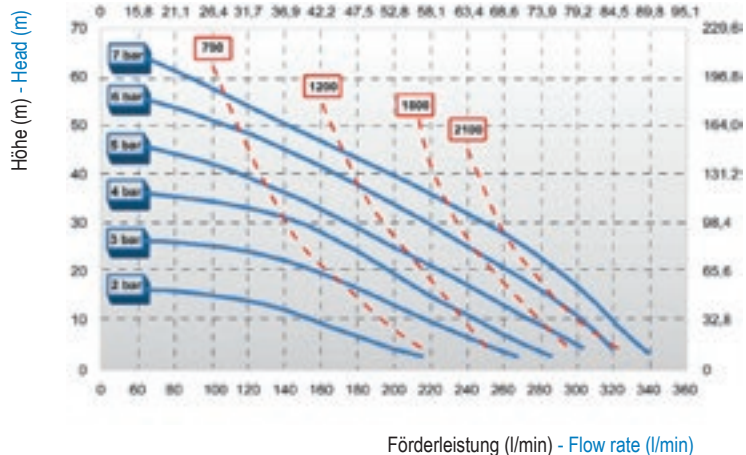
Luftanschluss
½" G
Air connection
½" G

Druckanschluss
1½" G
Delivery connection
1½" G

Sauganschluss
1½" G
Suction connection
1½" G

*Abhängig von den Werkstoffen - *Depending on construction materials
Alle Gewinde sind Innengewinde - All threads are female threads
Alle genannten Werte sind unverbindliche Richtwerte - All values shown are approximate and not binding

Temperaturen /Temperatures PP 65 °C; PVDF, Alu, SS 95 °C



Leistungskurve - Performance curve

— Betriebsdruck - Air supply pressure
— Luftverbrauch NI/min - Air consumption NI/min

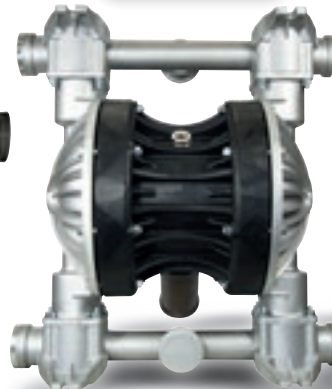
JP-800.650 2", 650 l/min

▶ Edelstahl/Stainless Steel

▶ Aluminium

▶ PVDF

▶ Polypropylen



Standard:

II 3/3 GD c IIB T135 °C (Ex Zone 2)

Conduct:

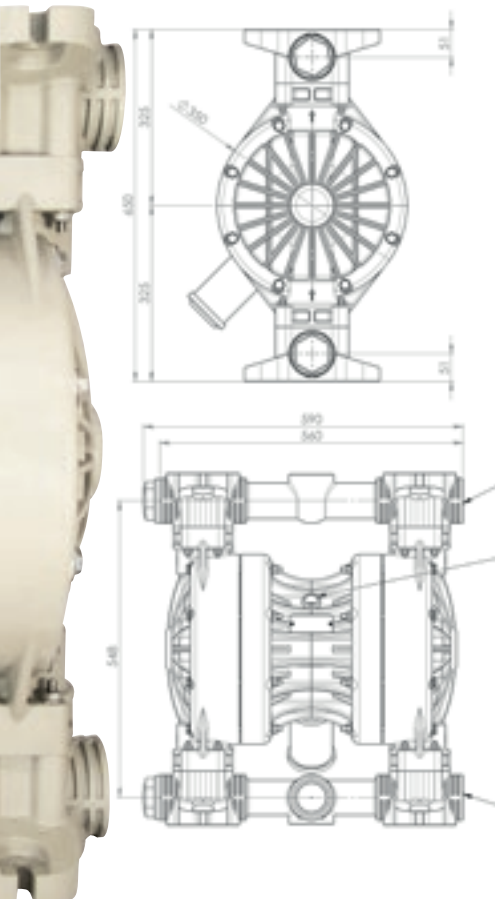
II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten

Technical data

Druck-/Sauganschluss	Delivery/suction connection	G 2"
Luftanschluss	Air connection	G 1/2"
Max. Saughöhe trocken*	Max. dry suction lift*	6 m
Max. Förderleistung*	Max. flow rate*	650 l/min
Max. Förderhöhe*	Max. head*	70 m
Feststoffe	Solids	Ø max. 8 mm
Max. Betriebsdruck	Max. air supply pressure	7 bar
Werkstoff	Construction material	PP/PVDF/Alu/Edelstahl (SS)
Gewicht	Net weight	38,0/45,0/49,0/54,0 kg

Abmessungen - Dimensions
PP/PVDF

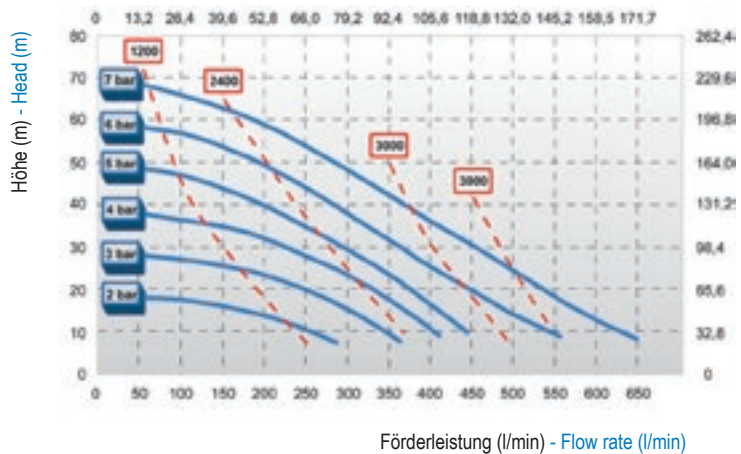


*Abhängig von den Werkstoffen - *Depending on construction materials

Alle Gewinde sind Innengewinde - All threads are female threads

Alle genannten Werte sind unverbindliche Richtwerte - All values shown are approximate and not binding

Temperaturen /Temperatures PP 65 °C; PVDF, Alu, SS 95 °C

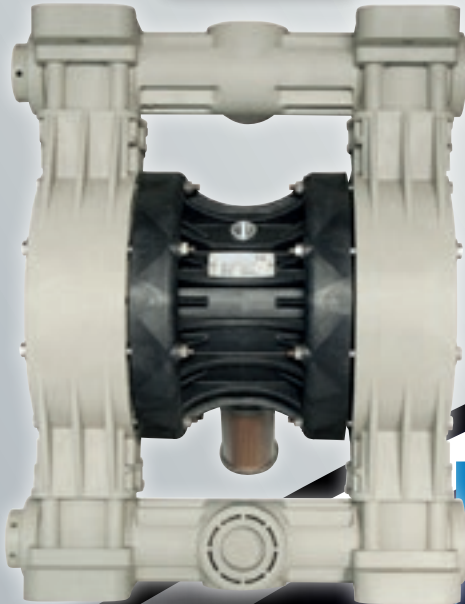


Leistungskurve - Performance curve

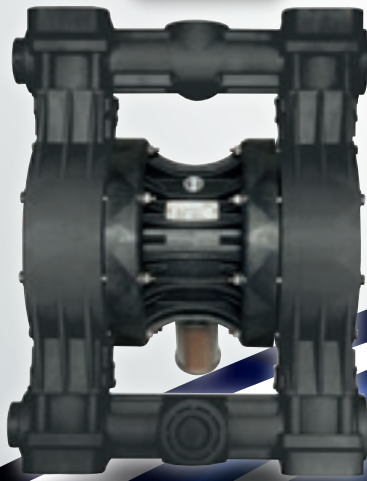
— Betriebsdruck - Air supply pressure
— Luftverbrauch NI/min - Air consumption NI/min

JP-800.850 3", 900 l/min

▶ Polypropylen



▶ PVDF



▶ Aluminium



▶ Edelstahl/Stainless Steel



Standard:

II 3/3 GD c IIB T135 °C (Ex Zone 2)

Conduct:

II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten

Technical data

Druck-/Sauganschluss	Delivery/suction connection	G 3"
Luftanschluss	Air connection	G 3/4"
Max. Saughöhe trocken*	Max. dry suction lift*	5 m
Max. Förderleistung*	Max. flow rate*	900 l/min
Max. Förderhöhe*	Max. head*	70 m
Feststoffe	Solids	Ø max. 10 mm
Max. Betriebsdruck	Max. air supply pressure	7 bar
Werkstoff	Construction material	PP/PVDF/Alu/Edelstahl (SS)
Gewicht	Net weight	50,0/67,0/66,0/71,0 kg

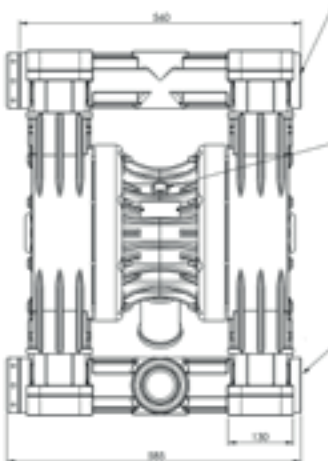
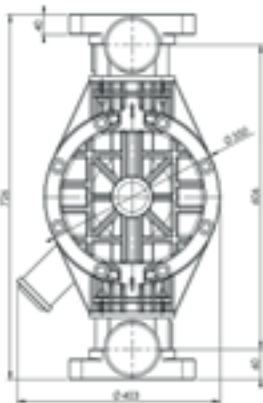
*Abhängig von den Werkstoffen - *Depending on construction materials

Alle Gewinde sind Innengewinde - All threads are female threads

Alle genannten Werte sind unverbindliche Richtwerte - All values shown are approximate and not binding

Abmessungen - Dimensions

PP/PVDF



Druck-anschluss
3" G

Delivery connection
3" G

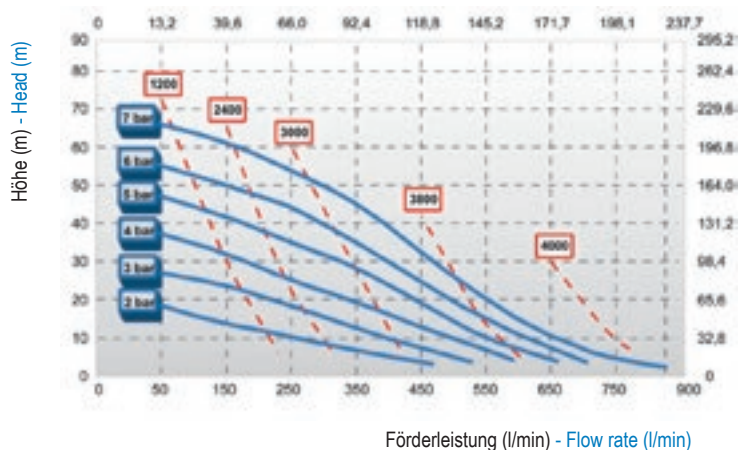
Luft-anschluss
3/4" G

Air connection
3/4" G

Saug-anschluss
3" G

Suction connection
3" G

Temperaturen /Temperatures PP 65 °C; PVDF, Alu, SS 95 °C



Leistungskurve - Performance curve

— Betriebsdruck - Air supply pressure
 - - - Luftverbrauch NI/min - Air consumption NI/min

JP-800 FOOD Für Anwendungen in der Nahrungsmittel-, Getränke-, Pharma- und Kosmetikindustrie
 For applications in the food, beverage, pharmaceutical and cosmetic industries

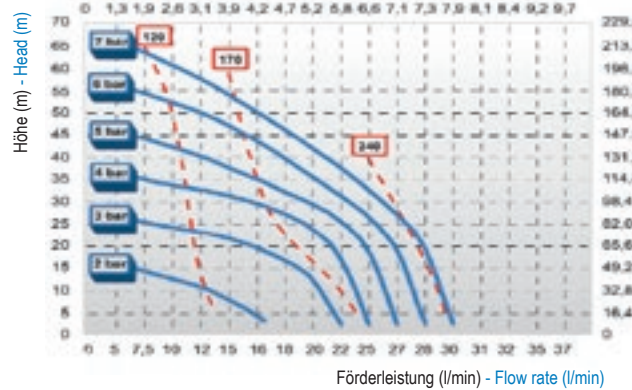
FDA
konform / compliant



Standard:
II 3/3 GD c IIB T135 °C (Ex Zone 2)
Conduct:
II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten - Technical data							
Druck-/ Sauganschluss	Luftanschluss	Max. Saughöhe trocken	Max. Förderleistung	Max. Förderhöhe	Max. Betriebsdruck	Abmessungen in mm	Max. Ø für Feststoffe
Delivery/ suction connection	Air connection	Max. dry suction lift	Max. flow rate	Max. head	Max. air supply pressure	Dimensions are in mm	Max. Ø of passing solids
G 1/2"*	G 1/4"	6 m	30 l/min	70 m	7 bar	177 x 170 x 120	2 mm

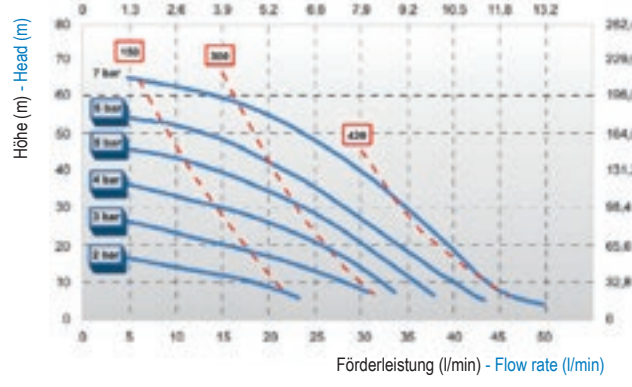
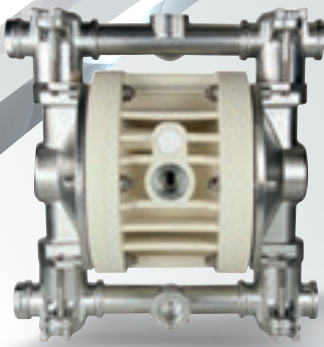
JP-800.30 FOOD



Werkstoff: Edelstahl elektropliert
Construction material: Stainless Steel electro-polished

Leistungskurve - Performance curve
 — Betriebsdruck - Air supply pressure
 - - - Luftverbrauch NI/min - Air consumption NI/min

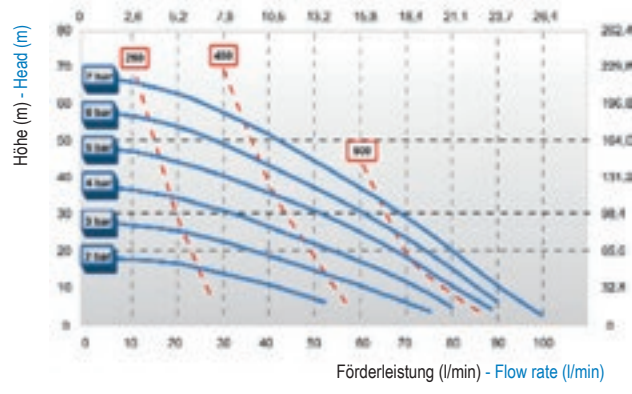
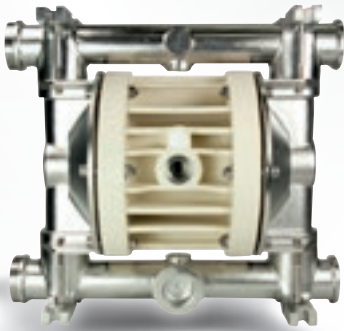
JP-800.50 FOOD



Werkstoff: Edelstahl elektropliert
Construction material: Stainless Steel electro-polished

Leistungskurve - Performance curve
 — Betriebsdruck - Air supply pressure
 - - - Luftverbrauch NI/min - Air consumption NI/min

JP-800.90 FOOD



Werkstoff: Edelstahl elektropliert
Construction material: Stainless Steel electro-polished

Leistungskurve - Performance curve
 — Betriebsdruck - Air supply pressure
 - - - Luftverbrauch NI/min - Air consumption NI/min

*erhältlich mit Tri-Clamp-Anschlüssen oder DIN-Anschlüssen auf Anfrage
 *available with triclamp or DIN-connections on request

Alle Gewinde sind Innengewinde
 All threads are female threads

JP-800 FOOD Für Anwendungen in der Nahrungsmittel-, Getränke-, Pharma- und Kosmetikindustrie
 For applications in the food, beverage, pharmaceutical and cosmetic industries

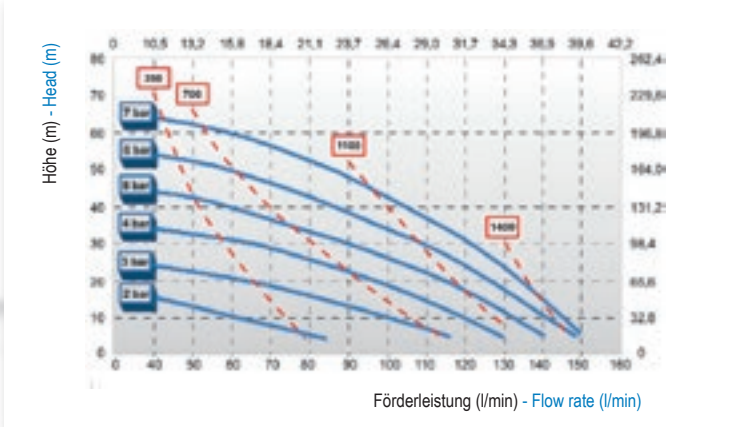
FDA
konform / compliant

Standard:
II 3/3 GD c IIB T135 °C (Ex Zone 2)

Conduct:
II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten - Technical data							
Druck-/ Sauganschluss	Luftanschluss	Max. Saughöhe trocken	Max. Förderleistung	Max. Förderhöhe	Max. Betriebsdruck	Abmessungen in mm	Max. Ø für Feststoffe
Delivery/ suction connection	Air connection	Max. dry suction lift	Max. flow rate	Max. head	Max. air supply pressure	Dimensions are in mm	Max. Ø of passing solids
G 1"*	G 3/8"	5 m	150 l/min	70 m	7 bar	307 x 326 x 202	4 mm

JP-800.150 FOOD

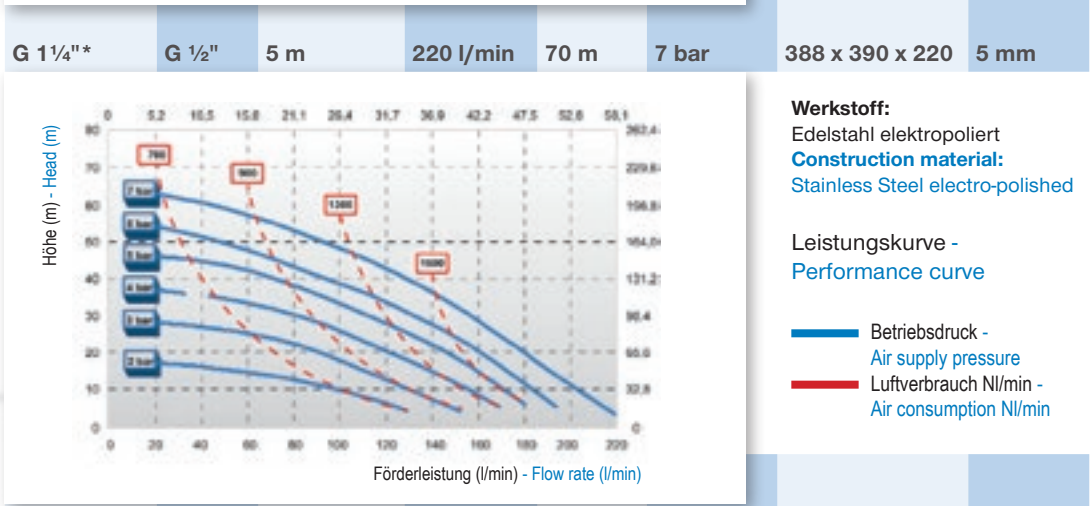
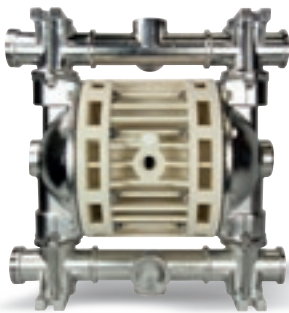


Werkstoff:
Edelstahl elektropliert
Construction material:
Stainless Steel electro-polished

Leistungskurve -
Performance curve

— Betriebsdruck -
Air supply pressure
 - - - Luftverbrauch NI/min -
Air consumption NI/min

JP-800.220 FOOD

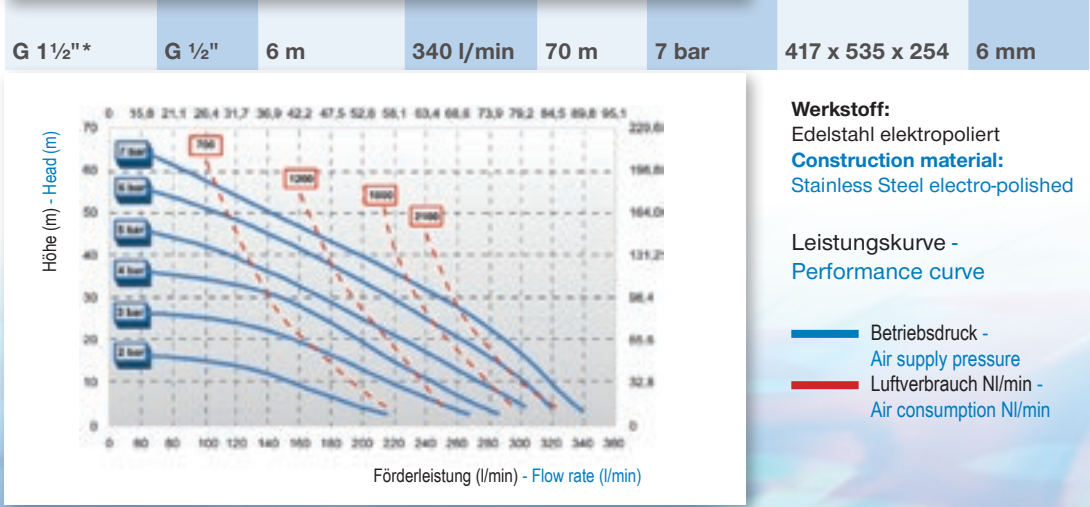
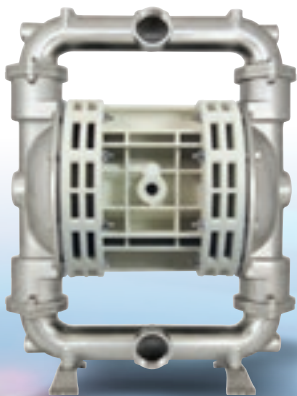


Werkstoff:
Edelstahl elektropliert
Construction material:
Stainless Steel electro-polished

Leistungskurve -
Performance curve

— Betriebsdruck -
Air supply pressure
 - - - Luftverbrauch NI/min -
Air consumption NI/min

JP-800.341 FOOD



Werkstoff:
Edelstahl elektropliert
Construction material:
Stainless Steel electro-polished

Leistungskurve -
Performance curve

— Betriebsdruck -
Air supply pressure
 - - - Luftverbrauch NI/min -
Air consumption NI/min

*erhältlich mit Tri-Clamp-Anschlüssen oder DIN-Anschlüssen auf Anfrage
 *available with triclamp or DIN-connections on request

Alle Gewinde sind Innengewinde
 All threads are female threads

JP-800 FOOD Für Anwendungen in der Nahrungsmittel-, Getränke-, Pharma- und Kosmetikindustrie
For applications in the food, beverage, pharmaceutical and cosmetic industries

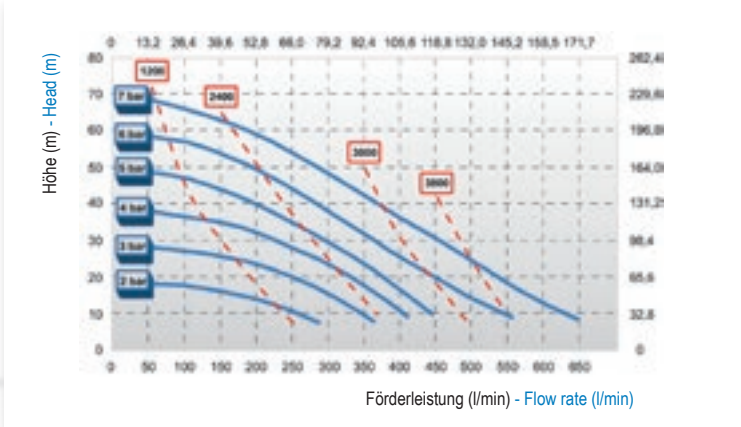
FDA
konform / compliant



Standard:
II 3/3 GD c IIB T135 °C (Ex Zone 2)
Conduct:
II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten - Technical data							
Druck-/ Sauganschluss Delivery/ suction connection	Luftanschluss Air connection	Max. Saughöhe trocken Max. dry suction lift	Max. Förderleistung Max. flow rate	Max. Förderhöhe Max. head	Max. Betriebsdruck Max. air supply pressure	Abmessungen in mm Dimensions are in mm	Max. Ø für Feststoffe Max. Ø of passing solids
G 2"*	G 1/2"	6 m	650 l/min	70 m	7 bar	470 x 705 x 404	8 mm

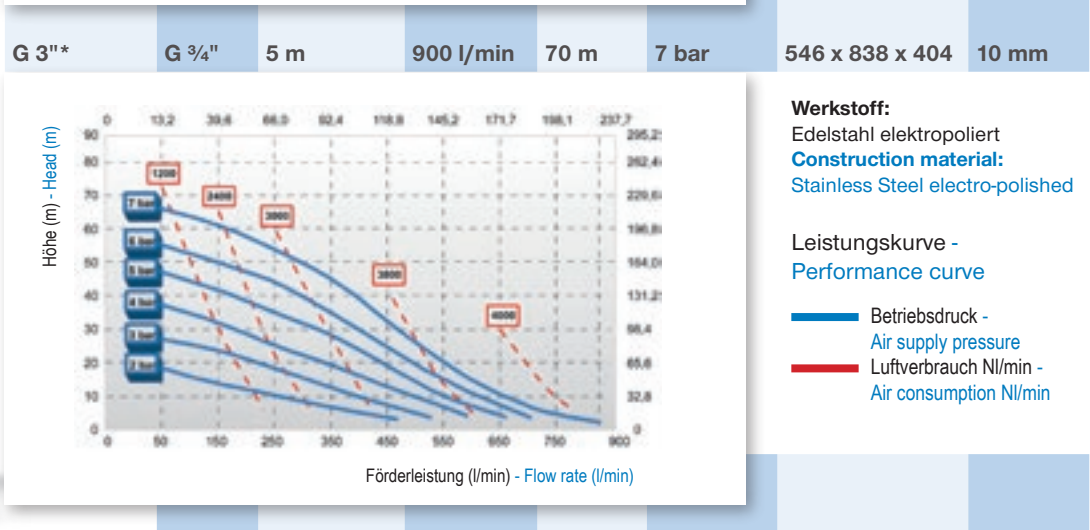
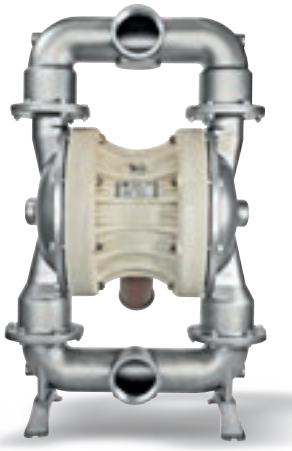
JP-800.650 FOOD



Werkstoff:
Edelstahl elektropliert
Construction material:
Stainless Steel electro-polished

Leistungskurve -
Performance curve
— Betriebsdruck - Air supply pressure
- - - Luftverbrauch Nl/min - Air consumption Nl/min

JP-800.850 FOOD



Werkstoff:
Edelstahl elektropliert
Construction material:
Stainless Steel electro-polished

Leistungskurve -
Performance curve
— Betriebsdruck - Air supply pressure
- - - Luftverbrauch Nl/min - Air consumption Nl/min

JP-800 SANI



Die JP-800 SANI Druckluftmembranpumpen werden speziell für das Umpumpen von Nahrungsmitteln mit einer Viskosität von 1 bis 15.000 cps bei 20°C verwendet. Alle mit dem Fördermedium in Kontakt kommenden Bauteile sind 3-A-konform und sowohl für Reinigung, CIP und Sterilisation geeignet. Die Oberflächen werden mechanisch poliert, RA < 0,8 µm.

JP-800 SANI Air operated diaphragm pumps are especially used for pumping food materials with a viscosity from 1 to 15.000 cps at 20 °C. All internal parts that will get in contact with the medium are 3-A-conform and suitable for cleaning, CIP and sterilization. The surfaces get mechanically polished, roughness < 0,8 µm.

G 1 1/2 clamp**	G 3/8"	4 m	120 l/min	70 m	7 bar	405 x 618 x 417	4 mm
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Graph showing Head (m) vs Flow rate (l/min) for JP-800 SANI. The x-axis ranges from 0 to 140 l/min, and the y-axis ranges from 0 to 70 m. Curves are shown for pressures of 7 bar, 6 bar, 5 bar, 4 bar, 3 bar, and 2 bar. Air consumption curves are also shown for 1200, 2400, 3600, and 4800 Nl/min.

Werkstoff:
Edelstahl mechanisch poliert
Construction material:
Stainless Steel mechanical-polished

Leistungskurve -
Performance curve
— Betriebsdruck - Air supply pressure
- - - Luftverbrauch Nl/min - Air consumption Nl/min

*erhältlich mit Tri-Clamp-Anschlüssen oder DIN-Anschlüssen auf Anfrage
*available with triclamp or DIN-connections on request

Alle Gewinde sind Innengewinde
All threads are female threads

Pulsationsdämpfer | Pulsation dampeners



Standard:
II 3/3 GD c IIB T135 °C (Ex Zone 2)

Conduct:
II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten - Technical data						
Anschluss	Luftanschluss	Max. Betriebsdruck	Verwendungsmöglichkeit	Gewicht	Max. Temperatur	Abmessungen in mm
Connection	Air connection	Max. air supply pressure	Applicability	Weight	Max. operating temperature	Dimensions are in mm

EQUA-FLUX 51



► Polypropylen



► PVDF



► PPS-V



► Edelstahl/Stainless Steel

G 3/4"	Ø 6 mm	7 bar	JP-800.5 PP JP-800.16 PP JP-800.30 PP	0,5 kg	65 °C	121 x 117
G 3/4"	Ø 6 mm	7 bar	JP-800.16 ECTFE JP-800.30 PVDF JP-800.30 SS	0,5 kg	95 °C	121 x 117
G 3/4"	Ø 6 mm	7 bar	JP-800.30 Alu	0,6 kg	95 °C	121 x 117
G 1/2"	Ø 6 mm	7 bar	JP-800.30 SS	1,4 kg	95 °C	133 x 117

EQUA-FLUX 100



► Polypropylen



► PVDF



► PPS-V



► Edelstahl/Stainless Steel

G 1"	Ø 6 mm	7 bar	JP-800.50 PP JP-800.91 PP	1,5 kg	65 °C	177 x 170
G 1"	Ø 6 mm	7 bar	JP-800.50 SS JP-800.50 PVDF JP-800.91 PVDF JP-800.90 SS	1,7 kg	95 °C	177 x 170
G 1"	Ø 6 mm	7 bar	JP-800.50 Alu JP-800.91 Alu	1,7 kg	95 °C	177 x 170
G 1"	Ø 6 mm	7 bar	JP-800.50 SS JP-800.90 SS	2,2 kg	95 °C	183,2 x 151

Pulsationsdämpfer | Pulsation dampeners

Standard:

II 3/3 GD c IIB T135 °C (Ex Zone 2)

Conduct:

II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten - Technical data

Anschluss	Luftanschluss	Max. Betriebsdruck	Verwendungsmöglichkeit	Gewicht	Max. Temperatur	Abmessungen in mm
Connection	Air connection	Max. air supply pressure	Applicability	Weight	Max. operating temperature	Dimensions are in mm



▶ Polypropylen

G 1½"	Ø 6 mm	7 bar	JP-800.150 PP JP-800.220 PP JP-800.340 PP	3,8 kg	65 °C	283,2 x 254
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EQUA-FLUX 200



▶ PVDF

G 1½"	Ø 6 mm	7 bar	JP-800.150 PVDF/SS JP-800.220 PVDF/SS JP-800.340 PVDF JP-800.341 SS	4,5 kg	95 °C	283,2 x 254
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▶ PPS-V

G 1½"	Ø 6 mm	7 bar	JP-800.150 Alu JP-800.220 Alu JP-800.341 Alu	4,5 kg	95 °C	283,2 x 254
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▶ Edelstahl/Stainless Steel

G 1½"	Ø 6 mm	7 bar	JP-800.150 SS JP-800.220 SS JP-800.341 SS	6,5 kg	95 °C	264,7 x 254
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▶ Polypropylen

G 2"	Ø 8 mm	7 bar	JP-800.650 PP	23 kg	65 °C	398 x 516
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EQUA-FLUX 302



▶ PVDF

G 2"	Ø 8 mm	7 bar	JP-800.650 PVDF	28,5 kg	95 °C	398 x 516
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▶ Aluminium

G 2"	Ø 8 mm	7 bar	JP-800.650 Alu	26 kg	95 °C	356 x 352
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▶ Edelstahl/Stainless Steel

G 2"	Ø 8 mm	7 bar	JP-800.650 SS	32 kg	95 °C	356 x 352
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Pulsationsdämpfer | Pulsation dampeners



Standard:

II 3/3 GD c IIB T135 °C (Ex Zone 2)

Conduct:

II 2/2 GD c IIB T135 °C (Ex Zone 1)

Technische Daten - Technical data

Anschluss	Luftanschluss	Max. Betriebsdruck	Verwendungsmöglichkeit	Gewicht	Max. Temperatur	Abmessungen in mm
Connection	Air connection	Max. air supply pressure	Applicability	Weight	Max. operating temperature	Dimensions are in mm

EQUA-FLUX 303



G 3"	Ø 8 mm	7 bar	JP-800.850 PP	23 kg	65 °C	398 x 516
G 3"	Ø 8 mm	7 bar	JP-800.850 PVDF	28,5 kg	95 °C	398 x 516
G 3"	Ø 8 mm	7 bar	JP-800.850 Alu	29 kg	95 °C	356 x 352

Pulsationsdämpfer | Pulsation dampeners Food

EQUA-FLUX 51



G 1/2"	Ø 6 mm	7 bar	JP-800.30 Food	1,4 kg	95 °C	133 x 117
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EQUA-FLUX 100



G 1"	Ø 6 mm	7 bar	JP-800.50 Food JP-800.90 Food	2,2 kg	95 °C	183,2 x 151
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EQUA-FLUX 200



G 1 1/2"	Ø 6 mm	7 bar	JP-800.150 Food JP-800.220 Food JP-800.340 Food	6,5 kg	95 °C	264,7 x 254
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EQUA-FLUX 302



G 2"	Ø 8 mm	7 bar	JP-800.650 Food	32 kg	95 °C	356 x 352
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▶ Edelstahl
Stainless Steel

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