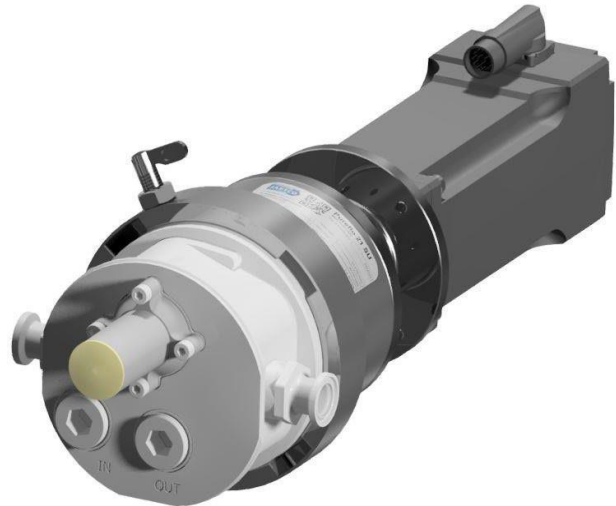


PureFlo 21 Single Use Diaphragm pump for Single-Use Model:SU21-XXX-XXX-1A

This document provides technical information relating to this specific Jabsco model. General information, references and further resource locations are also included.

Features:

- Gentle product treatment
- Safety Valve
- Safe dry-running operation
- Low pulsation
- Fast replacement
- Flexible connections
- Self-Priming

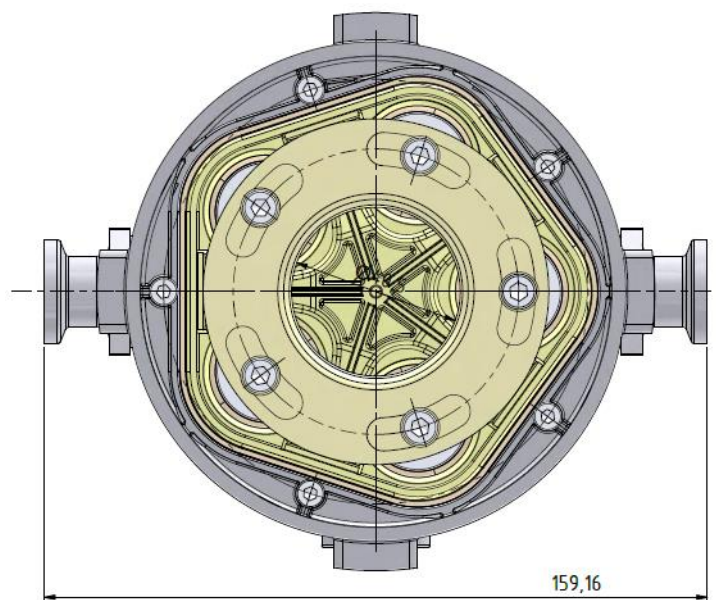
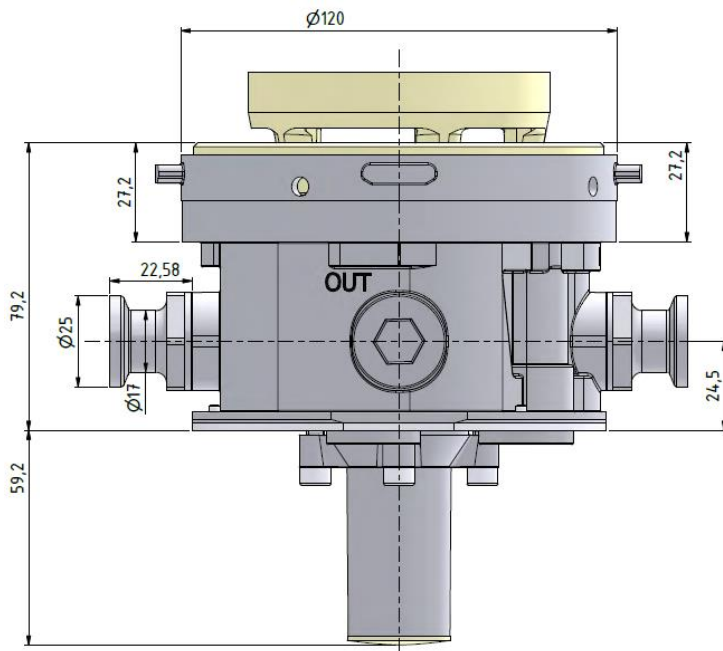


Dimensional Drawing

Notes: Inches [mm]

Additional envelope space required to allow port clips to extend, wires to bend, port fittings and hoses, etc.

Advanced Head



Specifications:

General

Part Number:	Please see matrix table
Application:	Crossflow-Systems Chromatography Systems Cell cultures Virus filtration Sterile filtration
Design:	5 Chamber Diaphragm
Port connects:	¾" Tri-Clamp

Materials (*designates wetted path)

Pump Head*:	PP Med
Pump Connection*:	PP Med
Valve Housing*:	Nylon PA66-GF
Diaphragm*:	Santoprene
Valves*:	EPDM
O-Ring*:	EPDM

Hydraulic Performance

Max Flowrate:	1800 l/h
Min Flowrate:	50 l/h
Adjusted safety valve:	max. 4 bar
Inactive safety valve:	max. 6 bar
Fluid Temperature Range:	5°C - 40°C (41°F - 104°F)
Pump Speed Range	
(inactive valve):	30 - 3000 1/min
(active valve):	30 - 1800 1/min

Electrical Performance

Voltage / Engine Power:	Flexible (Customized)
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Compliance

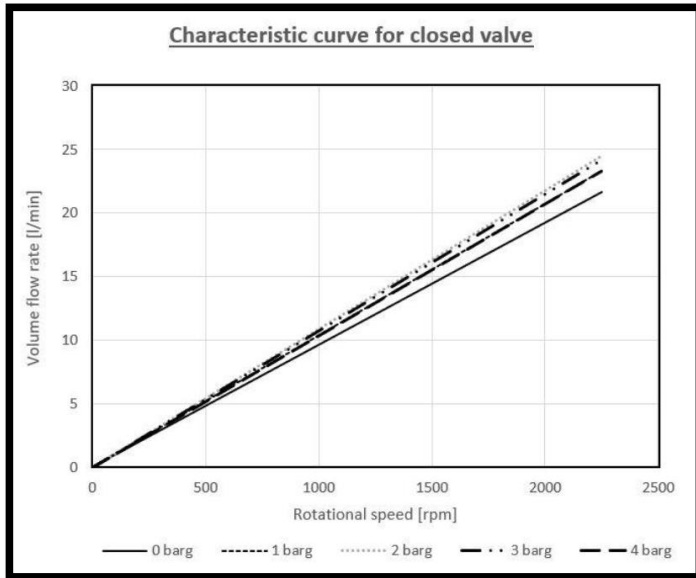
USP 88 Class VI:	Yes
USP 87 Class VI:	Yes
USP 788:	Yes
BSE-TSE inactive (according To EMA 410):	Yes
TSCA:	Yes
RoHS:	Yes
REACH:	Yes

Other Information

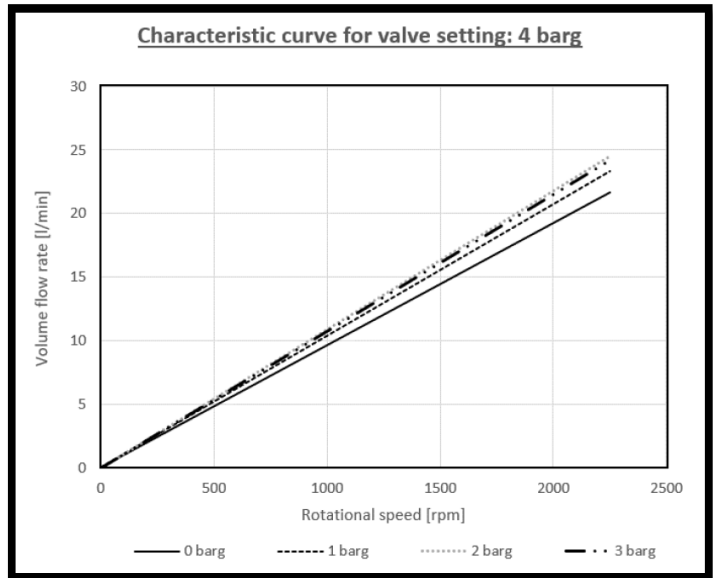
Operating Environment:	5°C - 40°C (41°F - 104°F)
Mounting positions:	4 (90° rotating)
Connection variants:	6 (in and out)
Weight:	7.7 kg (17 lbs)
Volume:	ca. 175 ml
UPC Code:	

Flowcurve:

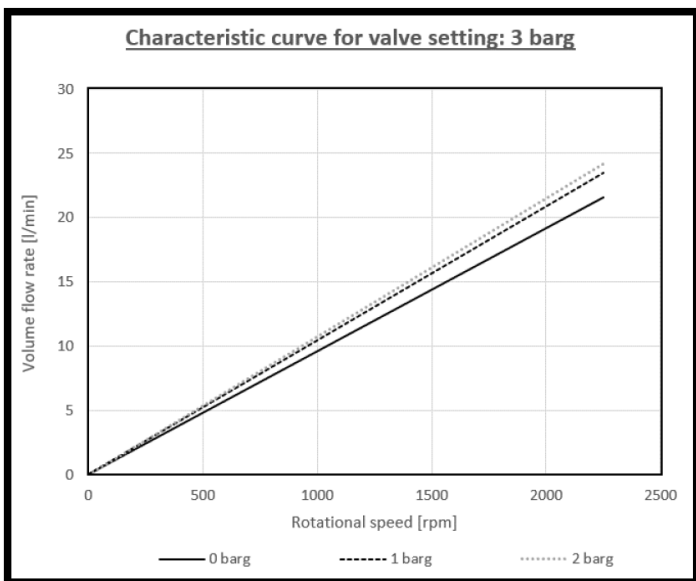
Performance range I: Closed valve



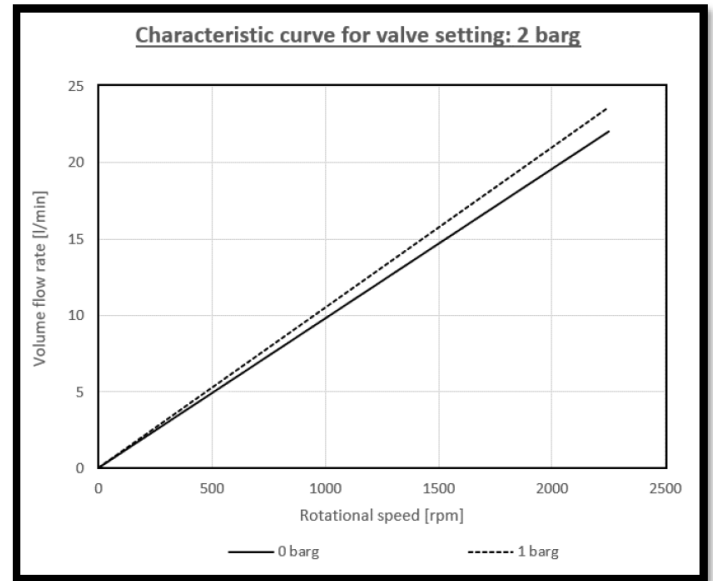
Performance range II: 4 barg valve set pressure



Performance range III: 3 barg valve set pressure



Performance range IV: 2 barg valve set pressure



Test medium Deionized water at 22°C. Environment: Air-conditioned clean room ISO 7
Conveying pressures: 0,0 to 4,0 barg. Connections: ¾" Tri-Clamp

Part Number Matrix:

SU21 - 001 - C40 - 1A

PRODUCT		SIZE	
Series	SU	20 LPM, 5 chamber	21

PUMP HEAD	
OEM Individual Level	001
Standard Level	002
Lite Level (no PRV)	003

CERTIFICATION	PRESSURE	CONNECTION COMBINATION	PACKAGING
Normal Certification C	4.0 BAR 40	180 Tri-Clamp	1 Single Pack A
Traceable Certification T	3.0 BAR 30	90 Tri-Clamp front out	2
	2.5 BAR 25	90 Tri-Clamp	3
	2.0 BAR 20	360 Tri-Clamp front ports	4
	1.5 BAR 15	90 Tri-Clamp front in - bottom out	5
	NO PRV 0	90 Tri-Clamp front in - side out	6
		Distribution node (all ports no plugs)	7

Available Jabsco Options

In addition to the unit described in this datasheet Jabsco also offers the following configurations (will vary somewhat by region and model type) and options to suit above applications. Please contact us for further information.

Installation and Operation

For guidance on proper installation and operation of this pump, as well as for any warnings or cautions involving use, please consult the appropriate IOM for the pump. Printed IOM's are supplied with the pumps and are also available online.

Resources & Contact Information

IOM: On website; hard copies with pumps

Warranty: Information included in IOM

Customer Service: Refer to contact info at our website.

Website: www.xylem.com/Jabsco

Note: Specifications provided for guidance only. We reserve the right to change specifications without prior notice.



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