

# Aseptic EHEDG series pumps

Keeping your process clean.



Tapflo Aseptic series pumps are designed for service in pharmaceutical-, biotech- and food industries where a clean process is the key.

Tapflo Aseptic series is EHEDG certified, has FDA and USP VI approved materials and conform to the ATEX directive 94/9/EC.

## Typical applications

Industry	Example of applications
» Food & dairy	Soup, cream, syrup, dairy products, flavoring, alcohol, chocolate, paste
» Pharmaceuticals & cosmetics	Cream, paste, alcohol and filtration gel



EN 10204



## ■ Features & Benefits

- ✓ **No bacteria growth**  
no horizontal areas
- ✓ **Easy cleaning and draining**  
designed for CIP and SIP cleaning
- ✓ **Gentle pumping**  
no damage of sensitive products
- ✓ **Wide range of connection types**  
TriClamp, sanitary threads (DIN, SMS) etc.
- ✓ **Hygienic surfaces**  
 housings made from electro polished stainless steel AISI 316L, Ra 0.8 (standard) or Ra 0.5 (on request)
- ✓ **No leakage**  
no rotating shaft seals
- ✓ **Flexible installation**  
self priming
- ✓ **Reliable in service**  
can run dry and against closed valve without damage
- ✓ **Environmental friendly**  
lube free air valve
- ✓ **Hygienic diaphragms**  
designed without any nuts or plates on the pumped side

## The EHEDG certificate

The EHEDG (European Hygienic Engineering & Design Group) certificate is your guarantee that the design is according to the hygienic guidelines. Furthermore the pump is clean ability tested, which means bacteria does not grow in the pump after cleaning and draining procedure.

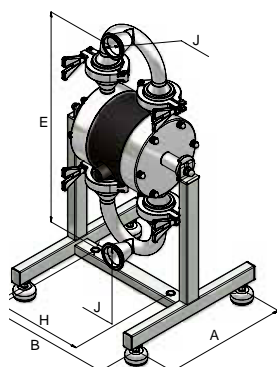


### Keeping your process clean

Smooth surfaces and clean ability are important keys for the EHEDG certification

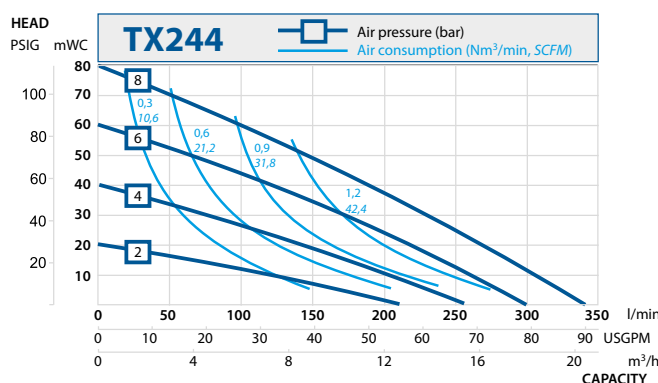
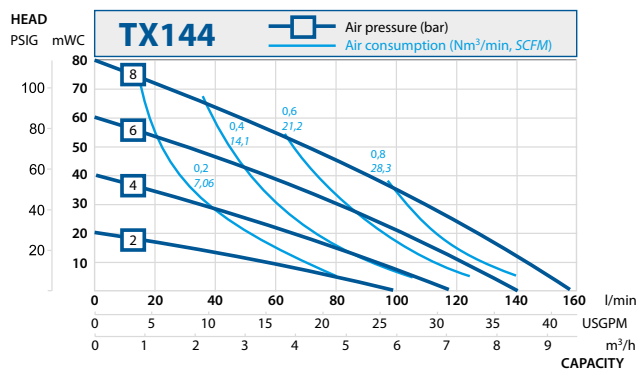
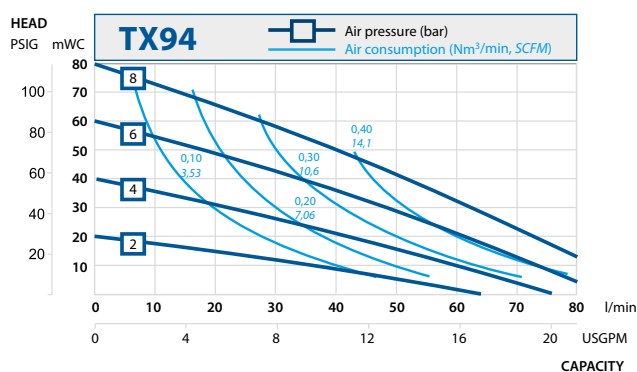
## Technical data

Data			
Model	TX94	TX144	TX244
Max flow	94 l/min	144 l/min	330 l/min
Max pressure	8 bar	8 bar	8 bar
Max air pressure	8 bar	8 bar	8 bar
Dry suction lift	2 m	3 m	4.4 m
Max solid size	6 mm, bigger if soft	6 mm, bigger if soft	10 mm, bigger if soft
Temperature	-20° .... +110°C (temporary higher)		
Weight	15 kg	22 kg	46 kg
Connections	Triclamp (standard), SMS, DIN and RJT threads, DIN 11864 clamp		
ATEX details	Group II, cat 2, T4		
Materials and options			
Housing, manifolds	AISI 316L, Ra 0.8 Ra 0.5 on request		
Diaphragms	PTFE (FDA & USP VI) PTFE 1705B (solvents, FDA & USP VI) EPDM (FDA on request) White EPDM (FDA) PTFE with white back (FDA & USP VI)		
Valves (ball type)	PTFE (FDA) PTFE (USP VI & FDA) EPDM (FDA on request) AISI 316L		
O-rings	EPDM (FDA) EPDM (USP VI & FDA) FEP/FKM (FDA)		
Options	Backup diaphragm system		



Changes reserved without notice

## Performance curves



### Dimensions (mm)

A	260	280	360
B	275	278	340
E	447	488	700
H	185	188	270
J	DN 40	DN 50	DN 65