

# VERDERAIR

## VA-2H80(HE) 3A



The VA-2H80(HE) 3A is a hygienic designed air operated double diaphragm pump. With the wide range of materials for valve seats, ball valves and diaphragms, this pump is the ideal problem solver for numerous hygienic applications. The VA-2H series is used where a high degree of food safety is required. The VA-2H is a reliable, easy to operate pump.

### Your benefits

- Most hygienic design for food applications
- Efficient engineered design which reduces the risk of contamination (low amount of products which come into contact with the medium)
- A high quality product with best price-performance ratio
- Can run against closed discharge valve without the need of overpressure safety equipment
- Dry self-priming

Technical Data			
Weight (kg)	Ball version	56,2	
Suction lift (mWc)	dry	3	
	wet	9,1	
Temperature limits internals (°C)	EPDM	-40	135
	Neoprene	-18	82
	PTFE	4	104
	Santoprene	-40	82
Max. particle size (mm)	Ball versions	19	
Max. viscosity (mPas)		25000	
Fluid displacement/cycle (litres)	Ball versions	4,54	
Certifications	All models	-	CE / FDA / 3A
	Internals diaphragms	EO in combination with TF valves	EN1935/2004 USP class VI

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VA-2H80(HE) 3A



Code VA-2H80(HE) No.1 No.2 No.3 No.4 No.5 No.6 No.7 No.8

**No. 1 Fluid Section Material**

X = 316 Stainless Steel, Ra : 0,8µm

**No. 2 Air Section Material**

P = Polypropylene

**No. 3 Check Valve seat material**


SE = SS seat with EPDM o-rings

**No. 4 Check ball valves material**

EP = EPDM

SP = Santoprene

NE = Neoprene

 TF = PTFE

**No. 5 Diaphragm material**

 EO = EPDM overmolded

SP = Santoprene

**No. 6 Connections**

D8 = DIN 11851, DN80, male

T8 = Tri-Clamp (ASME BPE), 3"



**No. 7 Pump Style**

3A = ball valve execution, 3A  
(leak sensors included)

**No. 8 Wetted material certifications**

21 = EN 10204 type 2.1

31 = EN 10204 type 3.1

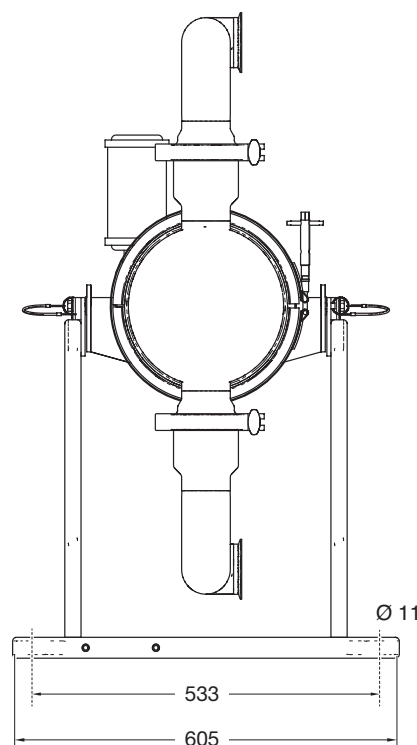
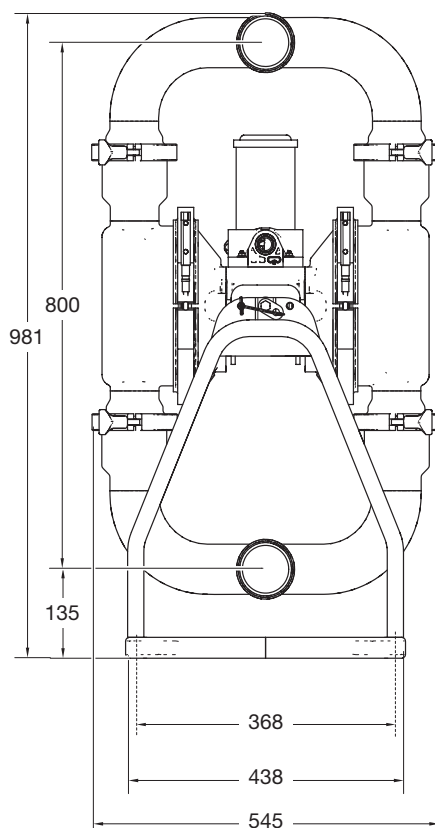
NOTE not all combinations are available

 EN 1935/2004

**EXAMPLE PUMP TYPE**

**VA-2H80(HE)XP SE EP EO D8 3A 31**

**Dimensions (mm)**

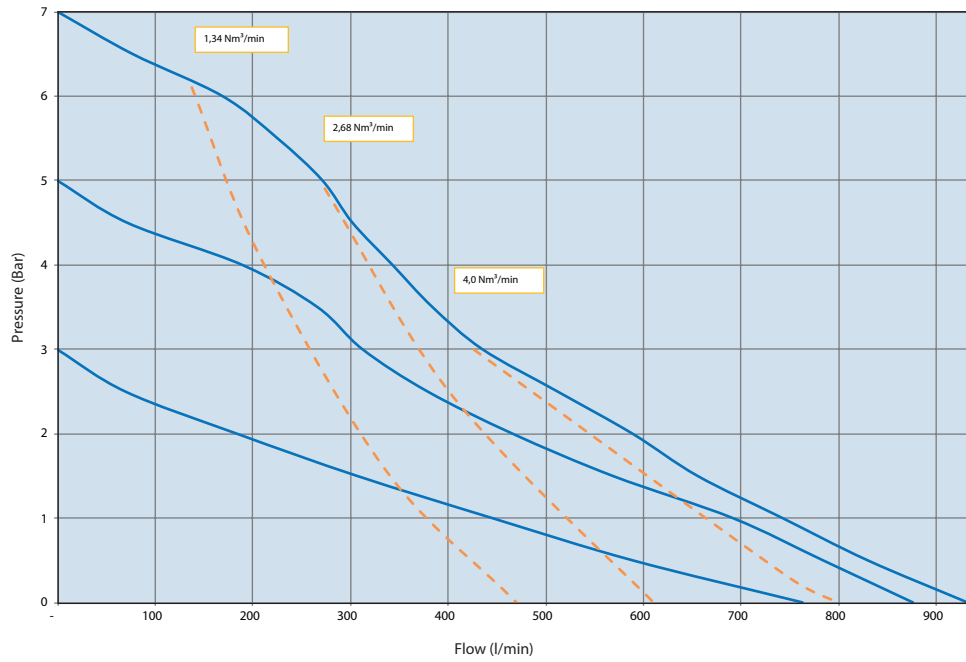


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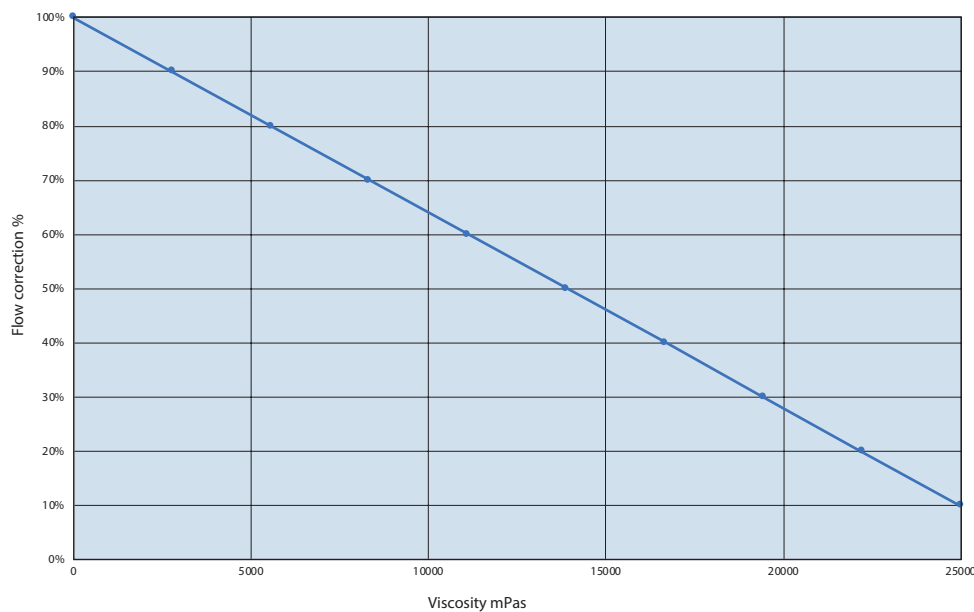
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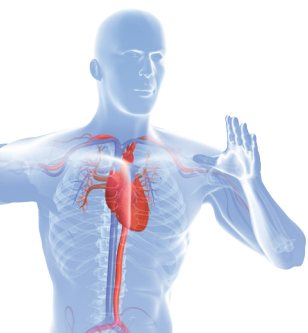
### Flow rate / air consumption



### Viscosity correction curve



Datasheet\_VA-2H80HE\_3A\_EU\_rev1



Find your local supplier at [www.verderliquids.com](http://www.verderliquids.com)

For construction, installation and floor mounting drawings please contact your local authorised Verderair® distributor.