

Description

The VA-E25 is an electrical driven double diaphragm pump. With the wide range of different available materials for pump body, valve seats, valve balls and diaphragms, this pump is the ideal problem solver in a wide range of applications across many industries. The VA-E25 can run in “low pulsation mode” to reduce the generated pulsations in the flow or in “transfer mode” to generate a higher flow rate.



Your benefits

- Energy efficient
- Smoother flow when operating in “low pulsation mode”
- Low noise level
- Can stall against close discharge
- Can run dry without damage
- Dry self priming



Technical data	Drive option	Fluid & air section		
	IG	AA	33,6	
		PA	32,4	
		PS	46,7	
		SA	40,6	
		SS	54,9	
	Weight [kg]	AC, BC	Extra weight on the drive option IG above	+ 23
AX, BX		Extra weight on the drive option IG above	+48	
A2, B2		Extra weight on the drive option AC/BC above	+ 13	
Max. Suction lift (mwc)		Dry	4,9	
		Wet	8,8	
Temperature (°C)	A,S	Fluid section		
		Internals		
		AC,BN	-12	82
		VT	-40	135*
		GE	-40	66
		NO,NE, NW	-18	82
		PP	0	66
		TO	4	82
		TF	4	104
		SP	-40	82
		HY	-29	66
		P	All except TF,TO	0
		TF, TO	4	66



Drive option			
Electric Motor	AC, BC, A2, B2	Power (kW)	1,5
		Voltage (V)	3 x 230/460 - 50
	AX, BX	Power (kW)	1,5
		Voltage (V)	3x 240/415 - 50
Max. Particle size (mm)		3,2	
Air connection		3/8" NPT(f)	
Air consumption (Nm³/h)		< 0,006	
Max. recommended viscosity (mPas)		10.000	

Code VA-E25 No.1 No.2 No.3 No.4.No.5.No.6.No.7.

No.1 Fluid section

-  A = Aluminium
-  S = Stainless Steel
- P = Polypropylene

No.2 Center section

- A = Aluminium
- S = Stainless Steel

No.3 Check valve seats

- AC = Acetal
- AL = Aluminium
- BN = Buna-N
- GE = Geolast
- HY = Hytrel (TPE)
- PP = Polypropylene
- SP = Santoprene
- SS = Stainless Steel 316
- VT = Viton (FKM)

No. 4 Check valve balls

- AC = Acetal
- BN = Buna-N
- GE = Geolast

- HY = Hytrel (TPE)
- NE = Neoprene
- NW = Neoprene Weighted
- SP = Santoprene
- SS = Stainless Steel 316
- TF = PTFE
- VT = Viton (FKM)

No. 5 Diaphragms




- BN = Buna-N
- GE = Geolast
- HY = Hytrel (TPE)
- NO = Neoprene overmolded
- SP = Santoprene

- TF = PTFE/EPDM 2 piece
- TO = PTFE/EPDM overmolded
- VT = Viton (FKM)

No. 6 Connections

- TB = Threaded BSP(f)
- TN = Threaded NPT(f)
- FC = Center Flange DIN/ANSI
- FE = End Flange DIN/ANSI


No. 7 Drive options

- AC = 159 RPM, Gearbox with AC drive
- BC = 80 RPM, Gearbox with AC drive
-  AX = 159 RPM, Gearbox with Atex drive
-  BX = 80 RPM, Gearbox with Atex drive
-  IG = IEC 90 gearbox (18,08 ratio)
- A2 = AC + Compressor 240V
- B2 = BC + Compressor 240V

EXAMPLE PUMP TYPE

VA-E25 AA HY AC HY TB AC

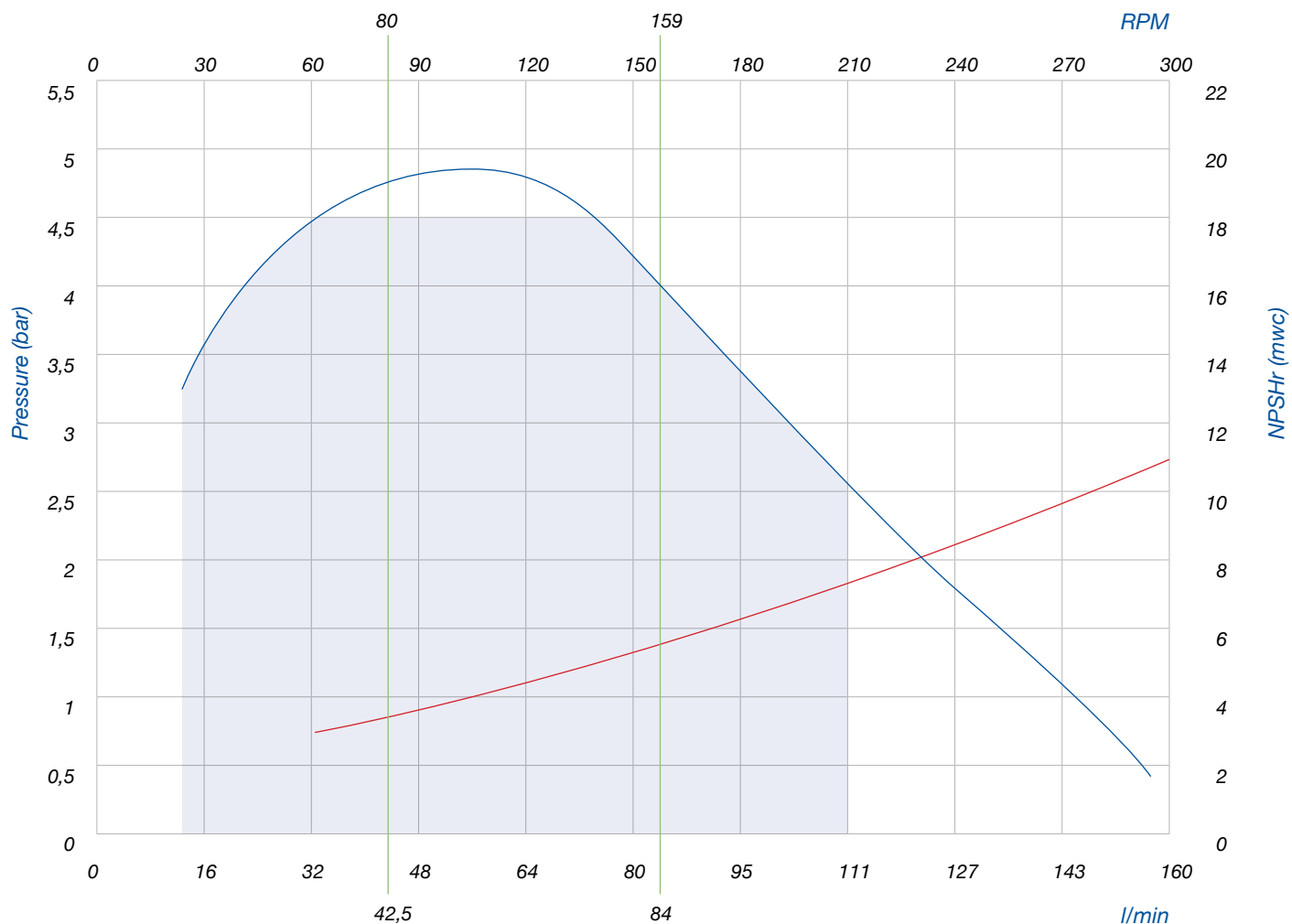
NOTE not all combinations are available

 II 2 GD ck Ex d IIB T3 Gb

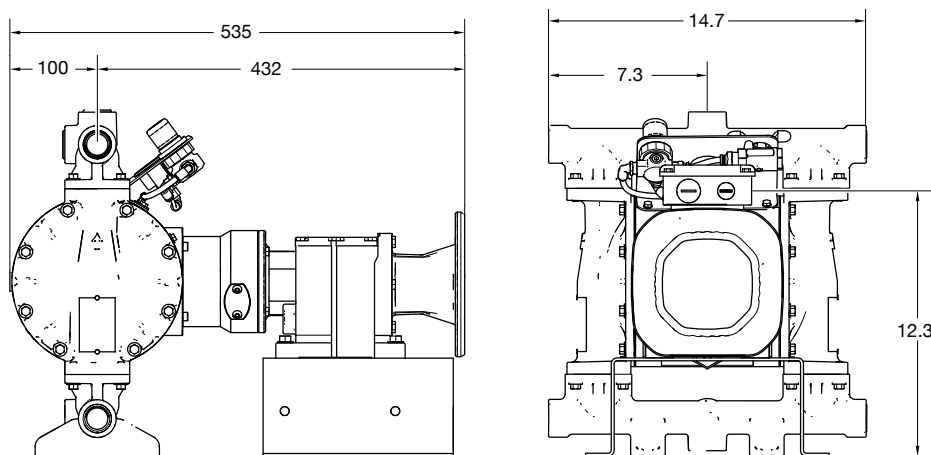
 II 2 GD ck IIB T3 Gb



Performance curve



Dimensions (mm)



(Aluminium version with IC drive)



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