



# evv45

**VERTICAL PUMPS** 

#### **ADVANTAGES**

- Excellent Chemical Resistance
- Low Energy Consumption thanks to the "Volute" Design of the Pump Body
- Dry-run capability for Pump depth till 600mm (no bushes version)

#### **FEATURES**

- Body materials: PP PVDF PVC
- Tmax = PP 70°C PVDF 95°C PVC 50°C
- Connection: Socket Union (Standard); Flanged (Optional)
- Pump Depth 400 2.000 mm
- Bushing Couple Wide range of combinations (see table)
- Open impeller
- Customizable Support Flange Dimensions

#### **APPLICATIONS**

- Industry: Chemical, Electro plating, PCB board
- Acid and Alkaline solutions with the presence of solid particles in suspension
- Waste Water Treatment

### **SPECIFICATIONS**

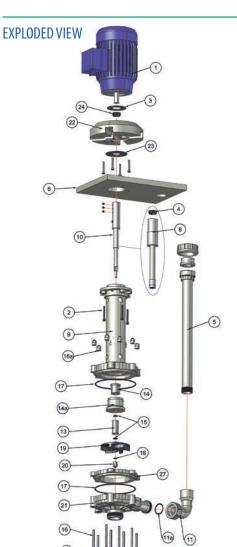
	Capacity (I/min.)	Total head max (m)	Motor (kw)	IN/OUT D mm	T max exercise °C
50 Hz	694	34	5,5		PP = 70°C PVDF = 95°C PVC = 50°C
60 Hz	730	35	5,5	63x50	

 $<sup>\</sup>ensuremath{^{*}\text{It}}$  may change according to supplied motor and pump depth



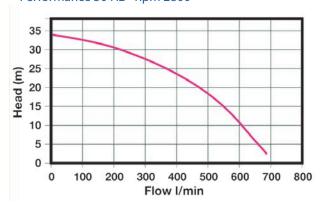
	PUMP IDENTIFICATION							
Mod.	Pump body	Shaft	Bushing couple static/rotating	DEPTH mm		Connections	Motor	Optional
EVV45	P = PP F = PVDF C = PVC	X = INOX AISI316 T = Titanium H = Hastelloy	1 = PTFE / PTFE 2 = PTFE / Carbon 3 = PTFE / Sic 4 = Carbon / Sic 6 = Carbon / Carbon	04 = 400 05 = 500 06 = 600 07 = 700 08 = 800 09 = 900 10 = 1000 11 = 1100 12 = 1200	13 = 1300 14 = 1400 15 = 1500 16 = 1600 17 = 1700 18 = 1800 19 = 1900 20 = 2000	B = Socket union F = Flanged	A = 50Hz Rpm 2800 B = 60Hz Rpm 3450	S = Strainer B = Additional bushing couple C = Aluminium Bracket With Additional Bearings
EVV45	Р	х	3	06		В	A	L



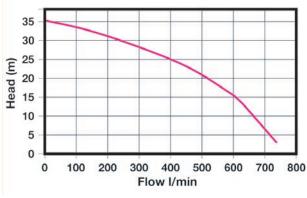


<ul><li>15 Bush O-Ring</li><li>16 Pump housing bolts</li></ul>					
2 Screw 3 Baffe 4 Seal ring 5 Discharge pipe 6 Support flange 8 Shaft sleeve 9 Pump column 10 Shaft 11 Elbow 11A Elbow O-Ring 13 Rotating bush 14 Static bushing 14A Static bushing 15 Bush O-Ring 16 Pump housing bolts 17 Pump housing O-Ring 18 Ogive O-Ring 19 Impeller 20 Ogive 21 Pump housing 22 Vapour seal housing 23 Baffe	Particular description				
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<ul><li>Vapour seal housing</li><li>Baffe</li></ul>	20	Ogive			
23 Baffe	21	Pump housing			
	22	Vapour seal housing			
24 Seal ring	23	Baffe			
	24	Seal ring			

# Performance 50 Hz - Rpm 2800

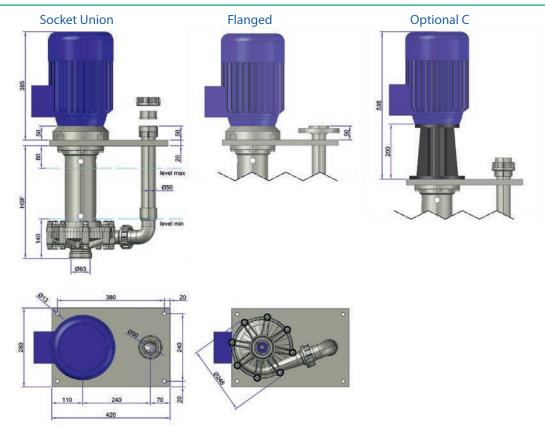


### Performance 60 Hz - Rpm 3400



Curve references: water at room temperature

## **DIMENSIONS**



LAFONTE.EU may modify data any time, without notice, in order to provide product enhancement





