



**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 1.800 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

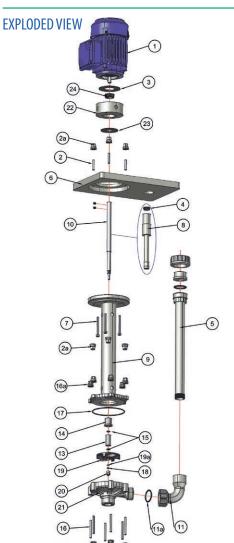
	Capacity (I/min.)	Total head max (m)	Motor (kw)	IN/OUT D mm	T max exercise °C
50 Hz	160	10	0,25		PP = 70°C
60 Hz	170	12	0,25	50x32	PVDF = 95°C PVC = 50°C

<sup>\*</sup>It may change according to supplied motor and pump depth

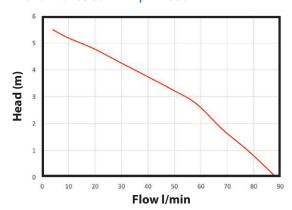


	PUMP IDENTIFICATION							
Mod.	Pump body	Shaft	Bushing couple static/rotating	DEPTH mm		Connections	Motor	Optional
EVV5	P = PP F = PVDF C = PVC	X = INOX AISI316 T = Titanium H = Hastelloy	1 = PTFE / PTFE 2 = PTFE / Carbon 3 = PTFE / Sic 4 = Carbon / Sic 6 = Carbon / Carbon	02 = 200 03 = 300 04 = 400 05 = 500	06 = 600 07 = 700 08 = 800 09 = 900	B = Socket union F = Flanged	A = 50Hz Rpm 2800 B = 60Hz Rpm 3450	S = Strainer
EVV5	Р	х	3	0	6	В	A	L

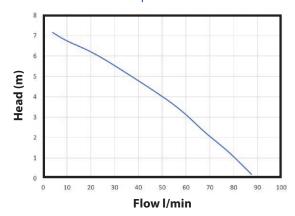




Particular description  Motor  Screw  Seal ring  Discharge pipe  Support flange  Shaft sleeve  Pump column  Shaft  Elbow  Static bushing  Static bushing  Pump housing O-Ring  Pump housing O-Ring  Impeller  Ogive  Pump housing  Vapour seal housing  Saffe  Vapour seal housing  Screw  Screw  Author  Pump housing  Pump housing  Pump housing  Pump housing  Pump housing  Screw  Pump housing  Pump housing  Screw  Pump housing  Screw  Screw  Pump housing  Screw  Screw		
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 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	Part	icular description
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 15 Bush O-Ring 16 Pump housing O-Ring 17 Pump housing O-Ring 18 Ogive O-Ring 19 Impeller 20 Ogive 21 Pump housing 22 Vapour seal housing 23 Baffe	1	Motor
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 15 Bush O-Ring 16 Pump housing O-Ring 17 Pump housing O-Ring 18 Ogive O-Ring 19 Impeller 20 Ogive 21 Pump housing 22 Vapour seal housing 23 Baffe	2	Screw
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 15 Bush O-Ring 16 Pump housing O-Ring 17 Pump housing O-Ring 18 Ogive O-Ring 19 Impeller 20 Ogive 21 Pump housing 22 Vapour seal housing 23 Baffe	3	Baffe
6 Support flange 8 Shaft sleeve 9 Pump column 10 Shaft 11 Elbow 11A Elbow O-Ring 13 Rotating bush 14 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	4	Seal ring
8 Shaft sleeve 9 Pump column 10 Shaft 11 Elbow 11A Elbow O-Ring 13 Rotating bush 14 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	5	Discharge pipe
9 Pump column 10 Shaft 11 Elbow 11A Elbow O-Ring 13 Rotating bush 14 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	6	Support flange
<ul> <li>Shaft</li> <li>Elbow</li> <li>Elbow O-Ring</li> <li>Rotating bush</li> <li>Static bushing</li> <li>Bush O-Ring</li> <li>Pump housing bolts</li> <li>Pump housing O-Ring</li> <li>Ogive O-Ring</li> <li>Impeller</li> <li>Ogive</li> <li>Pump housing</li> <li>Vapour seal housing</li> <li>Baffe</li> </ul>	8	Shaft sleeve
11 Elbow 11A Elbow O-Ring 13 Rotating bush 14 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	9	Pump column
11A Elbow O-Ring 13 Rotating bush 14 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	10	Shaft
13 Rotating bush 14 Static bushing 15 Bush O-Ring 16 Pump housing O-Ring 17 Pump housing O-Ring 18 Ogive O-Ring 19 Impeller 20 Ogive 21 Pump housing 22 Vapour seal housing 23 Baffe	11	Elbow
<ul> <li>Static bushing</li> <li>Bush O-Ring</li> <li>Pump housing bolts</li> <li>Pump housing O-Ring</li> <li>Ogive O-Ring</li> <li>Impeller</li> <li>Ogive</li> <li>Pump housing</li> <li>Vapour seal housing</li> <li>Baffe</li> </ul>	11A	Elbow O-Ring
<ul> <li>Bush O-Ring</li> <li>Pump housing bolts</li> <li>Pump housing O-Ring</li> <li>Ogive O-Ring</li> <li>Impeller</li> <li>Ogive</li> <li>Pump housing</li> <li>Vapour seal housing</li> <li>Baffe</li> </ul>	13	Rotating bush
Pump housing bolts Pump housing O-Ring Rogive O-Ring Impeller Ogive Pump housing Vapour seal housing Baffe	14	Static bushing
17 Pump housing O-Ring 18 Ogive O-Ring 19 Impeller 20 Ogive 21 Pump housing 22 Vapour seal housing 23 Baffe	15	Bush O-Ring
<ul> <li>18 Ogive O-Ring</li> <li>19 Impeller</li> <li>20 Ogive</li> <li>21 Pump housing</li> <li>22 Vapour seal housing</li> <li>23 Baffe</li> </ul>	16	Pump housing bolts
<ul> <li>19 Impeller</li> <li>20 Ogive</li> <li>21 Pump housing</li> <li>22 Vapour seal housing</li> <li>23 Baffe</li> </ul>	17	Pump housing O-Ring
<ul><li>20 Ogive</li><li>21 Pump housing</li><li>22 Vapour seal housing</li><li>23 Baffe</li></ul>	18	Ogive O-Ring
21 Pump housing 22 Vapour seal housing 23 Baffe	19	Impeller
<ul><li>Vapour seal housing</li><li>Baffe</li></ul>	20	Ogive
23 Baffe	21	Pump housing
	22	Vapour seal housing
24 Seal ring	_	Baffe
	24	Seal ring

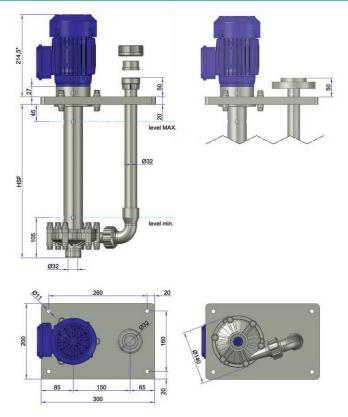


## Performance 60 Hz - Rpm 3400



Curve references: water at room temperature

# **DIMENSIONS**











**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 1.800 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

	Capacity (I/min.)	Total head max (m)	Motor (kw)	IN/OUT D mm	T max exercise °C
50 Hz	160	10	0,37		PP = 70°C
60 Hz	170	12	0,37	50x32	PVDF = 95°C PVC = 50°C

<sup>\*</sup>It may change according to supplied motor and pump depth

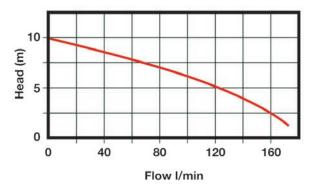


	PUMP IDENTIFICATION							
Mod.	Pump body	Shaft	Bushing couple static/rotating	DEPTH mm		Connections	Motor	Optional
EVV8	P = PP F = PVDF C = PVC	X = INOX AISI316 T = Titanium H = Hastelloy	1 = PTFE / PTFE 2 = PTFE / Carbon 3 = PTFE / Sic 4 = Carbon / Sic 6 = Carbon / Carbon	04 = 400 05 = 500 06 = 600 07 = 700 08 = 800 09 = 900 10 = 1000 11 = 1100	12 = 1200 13 = 1300 14 = 1400 15 = 1500 16 = 1600 17 = 1700 18 = 1800	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
EVV8	Р	х	3	06		В	A	L

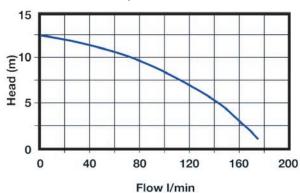




Part	icular description
1	Motor
2	Screw
3	Baffe
4	Seal ring
5	Discharge pipe
6	Support flange
8	Shaft sleeve
9	Pump column
10	Shaft
11	Elbow
11A	Elbow O-Ring
13	Rotating bush
14	Static bushing
15	Bush O-Ring
16	Pump housing bolts
17	Pump housing O-Ring
18	Ogive O-Ring
19	Impeller
20	Ogive
21	Pump housing
22	Vapour seal housing
23	Baffe
24	Seal ring
25	Bushing nut
26	O-Ring nut



# Performance 60 Hz - Rpm 3400



Curve references: water at room temperature

# **DIMENSIONS Socket Union** Flanged Optional C Ø50 104 193









**VERTICAL PUMPS** 

#### **ADVANTAGES**

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- 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 1.800 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

	Capacity (I/min.)	Total head max (m)	Motor (kw)	IN/OUT D mm	T max exercise °C
50 Hz	200	11,5	0,55		PP = 70°C
60 Hz	210	13	0,55	50x32	PVDF = 95°C PVC = 50°C

<sup>\*</sup>It may change according to supplied motor and pump depth

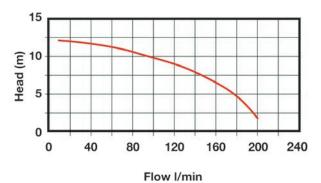


	PUMP IDENTIFICATION							
Mod.	Pump body	Shaft	Bushing couple static/rotating	DEPTH mm		Connections	Motor	Optional
EVV12	P = PP F = PVDF C = PVC	X = INOX AISI316 T = Titanium H = Hastelloy	1 = PTFE / PTFE 2 = PTFE / Carbon 3 = PTFE / Sic 4 = Carbon / Sic 6 = Carbon / Carbon	04 = 400 05 = 500 06 = 600 07 = 700 08 = 800 09 = 900 10 = 1000 11 = 1100	12 = 1200 13 = 1300 14 = 1400 15 = 1500 16 = 1600 17 = 1700 18 = 1800	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
EVV12	Р	Х	3	06		В	Α	L

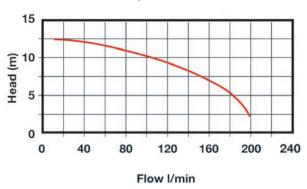




Part	icular description
1	Motor
2	Screw
3	Baffe
4	Seal ring
5	Discharge pipe
6	Support flange
8	Shaft sleeve
9	Pump column
10	Shaft
11	Elbow
11A	Elbow O-Ring
13	Rotating bush
14	Static bushing
15	Bush O-Ring
16	Pump housing bolts
17	Pump housing O-Ring
18	Ogive O-Ring
19	Impeller
20	Ogive
21	Pump housing
22	Vapour seal housing
23	Baffe
24	Seal ring
25	Bushing nut
26	O-Ring nut



# Performance 60 Hz - Rpm 3400



Curve references: water at room temperature

# Optional C **DIMENSIONS Socket Union** Flanged H Ø32 011









**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 1.800 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

	Capacity (I/min.)	Total head max (m)	Motor (kw)	IN/OUT D mm	T max exercise °C
50 Hz	270	15	0,70		PP = 70°C
60 Hz	300	18	0,70	50x40	PVDF = 95°C PVC = 50°

<sup>\*</sup>It may change according to supplied motor and pump depth

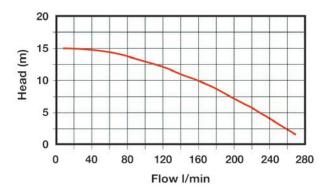


	PUMP IDENTIFICATION							
Mod.	Pump body	Shaft	Bushing couple static/rotating	DEPTH mm		Connections	Motor	Optional
EVV15	P = PP F = PVDF C = PVC	X = INOX AISI316 T = Titanium H = Hastelloy	1 = PTFE / PTFE 2 = PTFE / Carbon 3 = PTFE / Sic 4 = Carbon / Sic 6 = Carbon / Carbon	04 = 400 05 = 500 06 = 600 07 = 700 08 = 800 09 = 900 10 = 1000 11 = 1100	12 = 1200 13 = 1300 14 = 1400 15 = 1500 16 = 1600 17 = 1700 18 = 1800	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
EVV15	Р	х	3	06		В	A	L

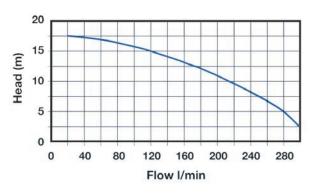




Part	icular description
1	Motor
2	Screw
3	Baffe
4	Seal ring
5	Discharge pipe
6	Support flange
8	Shaft sleeve
9	Pump column
10	Shaft
11	Elbow
11A	Elbow O-Ring
13	Rotating bush
14	Static bushing
15	Bush O-Ring
16	Pump housing bolts
17	Pump housing O-Ring
18	Ogive O-Ring
19	Impeller
20	Ogive
21	Pump housing
22	Vapour seal housing
23	Baffe
24	Seal ring
25	Bushing nut
26	O-Ring nut



# Performance 60 Hz - Rpm 3400



Curve references: water at room temperature

# DIMENSIONS Socket Union Flanged Optional C









**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 1.800 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

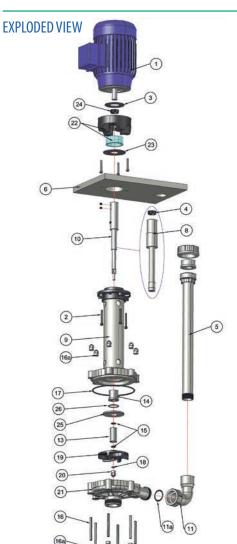
	Capacity (I/min.)	Total head max (m)	Motor (kw)	IN/OUT D mm	T max exercise °C
50 Hz	370	17	1,1		PP = 70°C
60 Hz	380	20	1,1	50x40	$PVDF = 95^{\circ}C$ $PVC = 50^{\circ}C$

<sup>\*</sup>It may change according to supplied motor and pump depth

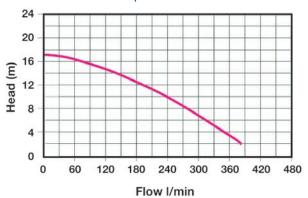


	PUMP IDENTIFICATION							
Mod.	Pump body	Shaft	Bushing couple static/rotating	DEPTH mm		Connections	Motor	Optional
EVV20	P = PP F = PVDF C = PVC	X = INOX AISI316 T = Titanium H = Hastelloy	1 = PTFE / PTFE 2 = PTFE / Carbon 3 = PTFE / Sic 4 = Carbon / Sic 6 = Carbon / Carbon	04 = 400 05 = 500 06 = 600 07 = 700 08 = 800 09 = 900 10 = 1000 11 = 1100	12 = 1200 13 = 1300 14 = 1400 15 = 1500 16 = 1600 17 = 1700 18 = 1800	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
EVV20	Р	Х	3	06		В	A	L

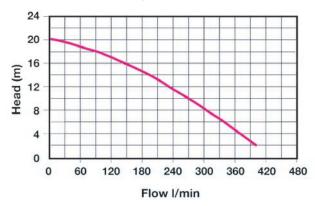




Part	icular description
1	Motor
2	Screw
3	Baffe
4	Seal ring
5	Discharge pipe
6	Support flange
8	Shaft sleeve
9	Pump column
10	Shaft
11	Elbow
11A	Elbow O-Ring
13	Rotating bush
14	Static bushing
15	Bush O-Ring
16	Pump housing bolts
17	Pump housing O-Ring
18	Ogive O-Ring
19	Impeller
20	Ogive
21	Pump housing
22	Vapour seal housing
23	Baffe
24	Seal ring
25	Bushing nut
26	O-Ring nut



# Performance 60 Hz - Rpm 3400



Curve references: water at room temperature

# **DIMENSIONS Socket Union** Flanged Optional C 43 104









**VERTICAL PUMPS** 

#### **ADVANTAGES**

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- 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

	Capacity (I/min.)	Total head max (m)	Motor (kw)	IN/OUT D mm	T max exercise °C
50 Hz	408	20	1,5		PP = 70°C
60 Hz	420	21	1,5	63x50	PVDF = 95°C PVC = 50°C

<sup>\*</sup>It may change according to supplied motor and pump depth

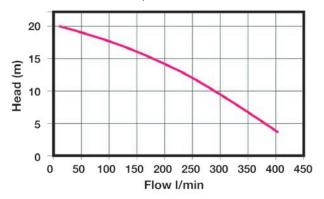


	PUMP IDENTIFICATION							
Mod.	Pump body	Shaft	Bushing couple static/rotating	DEPTH mm		Connections	Motor	Optional
EVV25	P = PP F = PVDF C = PVC	X = INOX AISI316 T = Titanium H = Hastelloy	1 = PTFE / PTFE 2 = PTFE / Carbon 3 = PTFE / Sic 4 = Carbon / Sic 6 = Carbon / Carbon	04 = 400 05 = 500 06 = 600 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
EVV25	Р	х	3	0	6	В	A	L

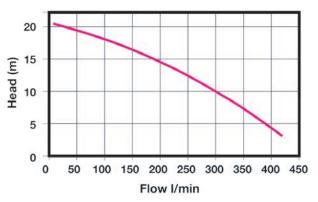




Part	icular description
1	Motor
2	Screw
3	Baffe
4	Seal ring
5	Discharge pipe
6	Support flange
8	Shaft sleeve
9	Pump column
10	Shaft
11	Elbow
11A	Elbow O-Ring
13	Rotating bush
14	Static bushing
14A	Static bushing hous.
15	Bush O-Ring
16	Pump housing bolts
17	Pump housing O-Ring
18	Ogive O-Ring
19	Impeller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



# Performance 60 Hz - Rpm 3400



Curve references: water at room temperature

# **DIMENSIONS Socket Union** Flanged Optional C 013 110 70









**VERTICAL PUMPS** 

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#### **FEATURES**

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- 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)
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#### **APPLICATIONS**

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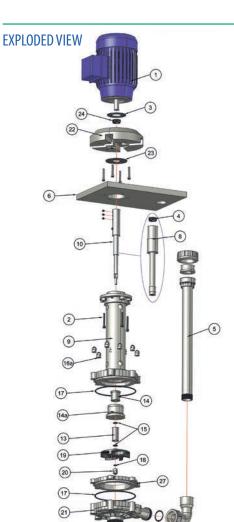
	Capacity (I/min.)	Total head max (m)	Motor (kw)	IN/OUT D mm	T max exercise °C
50 Hz	486	23	2,2		PP = 70°C
60 Hz	500	24	2,2	63x50	PVDF = 95°C PVC = 50°C

<sup>\*</sup>It may change according to supplied motor and pump depth

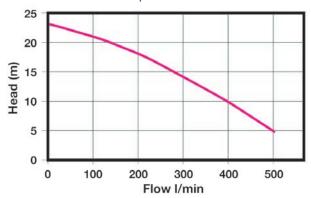


	PUMP IDENTIFICATION							
Mod.	Pump body	Shaft	Bushing couple static/rotating	DEPTH mm		Connections	Motor	Optional
EVV30	P = PP F = PVDF C = PVC	X = INOX AISI316 T = Titanium H = Hastelloy	1 = PTFE / PTFE 2 = PTFE / Carbon 3 = PTFE / Sic 4 = Carbon / Sic 6 = Carbon / Carbon	04 = 400 05 = 500 06 = 600 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
EVV30	Р	х	3	06		В	A	L

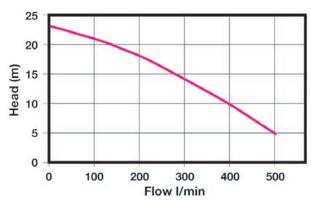




Part	icular description
1	Motor
2	Screw
3	Baffe
4	Seal ring
5	Discharge pipe
6	Support flange
8	Shaft sleeve
9	Pump column
10	Shaft
11	Elbow
11A	Elbow O-Ring
13	Rotating bush
14	Static bushing
14A	Static bushing hous.
15	Bush O-Ring
16	Pump housing bolts
17	Pump housing O-Ring
18	Ogive O-Ring
19	Impeller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

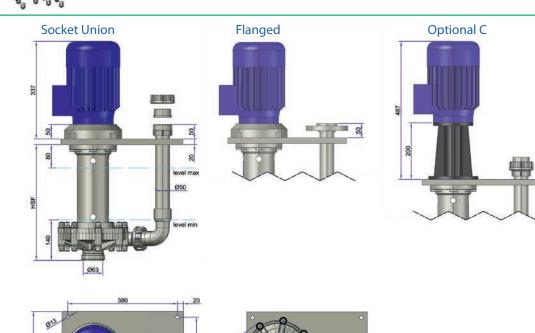


Performance 60 Hz - Rpm 3400



Curve references: water at room temperature

# **DIMENSIONS**



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



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**VERTICAL PUMPS** 

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- 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

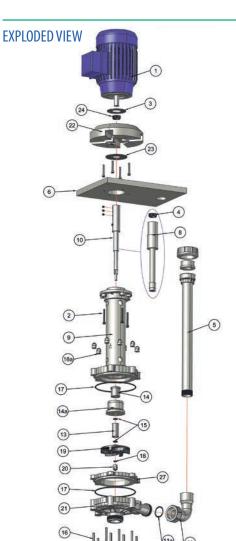
	Capacity (I/min.)	Total head max (m)	Motor (kw)	IN/OUT D mm	T max exercise °C
50 Hz	555	27	3		PP = 70°C
60 Hz	560	28	3	63x50	PVDF = 95°C PVC = 50°C

<sup>\*</sup>It may change according to supplied motor and pump depth

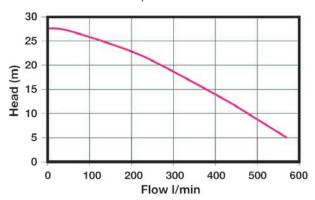


		PUMP IDENTIFICATION							
	Mod.	Pump body	Shaft	Bushing couple static/rotating	DEPTH mm		Connections	Motor	Optional
Е	VV30	P = PP F = PVDF C = PVC	X = INOX AISI316 T = Titanium H = Hastelloy	1 = PTFE / PTFE 2 = PTFE / Carbon 3 = PTFE / Sic 4 = Carbon / Sic 6 = Carbon / Carbon	04 = 400 05 = 500 06 = 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
E	VV30	Р	х	3	06		В	A	L

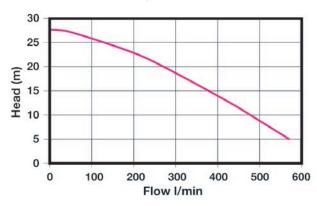




Particular description					
1	Motor				
2	Screw				
3	Baffe				
4	Seal ring				
5	Discharge pipe				
6	Support flange				
8	Shaft sleeve				
9	Pump column				
10	Shaft				
11	Elbow				
11A	Elbow O-Ring				
13	Rotating bush				
14	Static bushing				
14A	Static bushing hous.				
15	Bush O-Ring				
16	Pump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

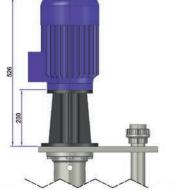


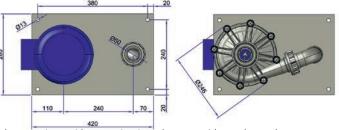
# Performance 60 Hz - Rpm 3400



Curve references: water at room temperature

# **DIMENSIONS Socket Union** Flanged Optional C















**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

	Capacity (I/min.)	Total head max (m)	Motor (kw)	IN/OUT D mm	T max exercise °C	
50 Hz	665	31	4		PP = 70°C	
60 Hz	665	31	4	63x50	$PVDF = 95^{\circ}C$ $PVC = 50^{\circ}C$	

<sup>\*</sup>It may change according to supplied motor and pump depth

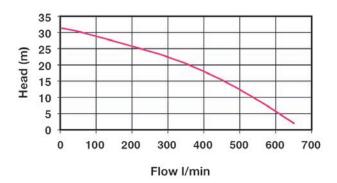


	PUMP IDENTIFICATION							
Mod.	Pump body	Shaft	Bushing couple static/rotating	DEPTH mm		Connections	Motor	Optional
EVV40	P = PP F = PVDF C = PVC	X = INOX AISI316 T = Titanium H = Hastelloy	1 = PTFE / PTFE 2 = PTFE / Carbon 3 = PTFE / Sic 4 = Carbon / Sic 6 = Carbon / Carbon	04 = 400 05 = 500 06 = 600 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
EVV40	Р	х	3	0	6	В	A	L

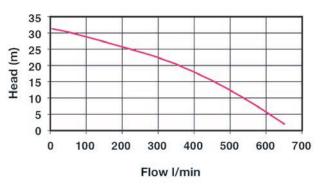




Part	Particular description			
1	Motor			
2	Screw			
3	Baffe			
4	Seal ring			
5	Discharge pipe			
6	Support flange			
8	Shaft sleeve			
9	Pump column			
10	Shaft			
11	Elbow			
11A	Elbow O-Ring			
13	Rotating bush			
14	Static bushing			
14A	Static bushing hous.			
15	Bush O-Ring			
16	Pump housing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



Performance 60 Hz - Rpm 3400



Curve references: water at room temperature

# **DIMENSIONS Socket Union** Flanged Optional C 420











**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

	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	
60 Hz	730	35	5,5	63x50	$PVDF = 95^{\circ}C$ $PVC = 50^{\circ}C$	

<sup>\*</sup>It may change according to supplied motor and pump depth

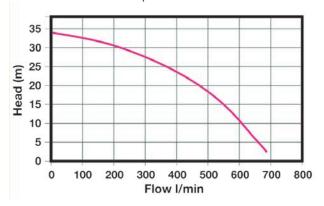


	PUMP IDENTIFICATION							
Mod.	Pump body	Shaft	Bushing couple static/rotating	DEPTH mm		Connections	Motor	Optional
EVV45	P = PP F = PVDF C = PVC	X = INOX AISI316 T = Titanium H = Hastelloy	1 = PTFE / PTFE 2 = PTFE / Carbon 3 = PTFE / Sic 4 = Carbon / Sic 6 = Carbon / Carbon	04 = 400 05 = 500 06 = 600 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	0	6	В	A	L





Part	Particular description				
1	Motor				
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 hous.				
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				
24	Seal ring				



# Performance 60 Hz - Rpm 3400



Curve references: water at room temperature

# **DIMENSIONS**

