

CHEMICAL PUMPS SINCE 1992



**GENERAL
CATALOGUE**

2025 | 2026

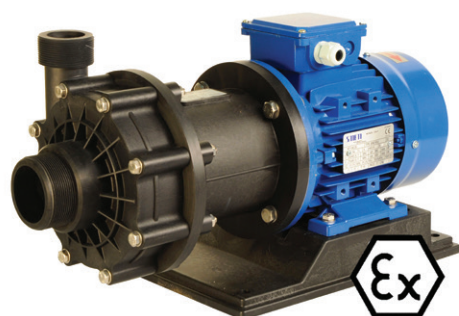


Pump model **EM-P PP/PVDF** – only for **ATEX zone 2**
(See pump model HPP/HPF page 36)



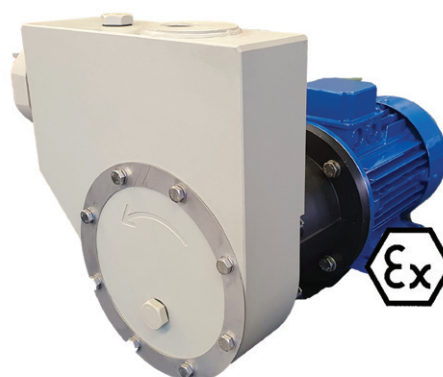
- Thermoplastic pumps made in PP or PVDF.
- Capacity up to 980 L/h.
- Pressure up to 5 bar.

Pump model **EM-CO PP/PVDF** - only for **ATEX zone 2**
(See pump model HCO page 42)



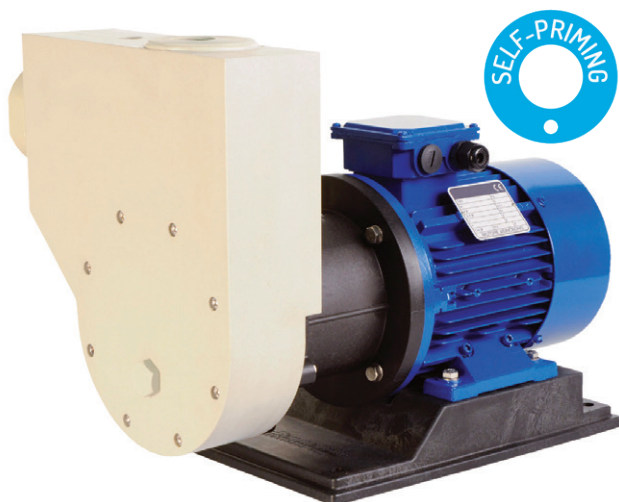
- Thermoplastic pumps made in PP or PVDF.
- Capacity up to 130 m³/h.
- Head up to 48 mlc.
- Mechanical seal.

Pump model **EM-T SP PP/PVDF** - only for **ATEX zone 2**
(See pump model HTT-SP page 30)



- Thermoplastic pumps made in PP or PVDF.
- Capacity up to 6 m³/h.
- Head up to 24 mlc.
- Machined from a block.
- Self-priming up to 5 m.

THERMOPLASTIC MAG-DRIVE REGENERATIVE TURBINE PUMPS - SELF-PRIMING



STANDARD

- High torque magnetic coupling.
- Chemical resistant PTFE/carbon sleeve bearings.
- Direct starting motors.

OPTIONAL

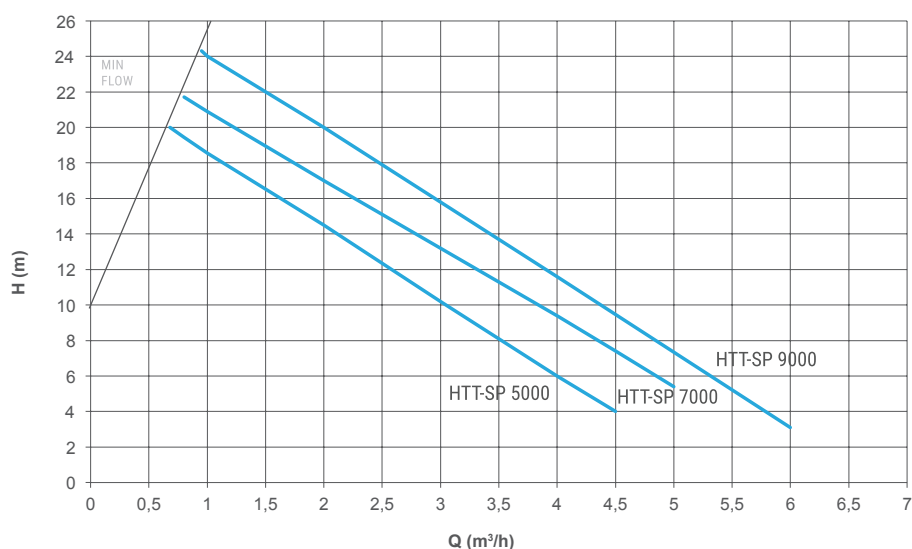
- DIN or ANSI flanges available.
- Baseplate.
- Available in ATEX version for zone 2II 3G (pump mod. EM-T SP PP/PVDF).

HTT-SP pumps can **prime up to 5 m** with water at ambient temperature. **The casing is made from a PP solid machined block and the impeller in PVDF** for maximum chemical resistance. The casing is machined from a solid block. The impeller in PVDF is self-balanced to eliminate thrust bearing wear and it is separate to minimize the maintenance costs. This kind of pump offers **maximum resistance with standing also external corrosion**. It handles up to 20% entrained gas and resists cavitation.

MAIN FEATURES

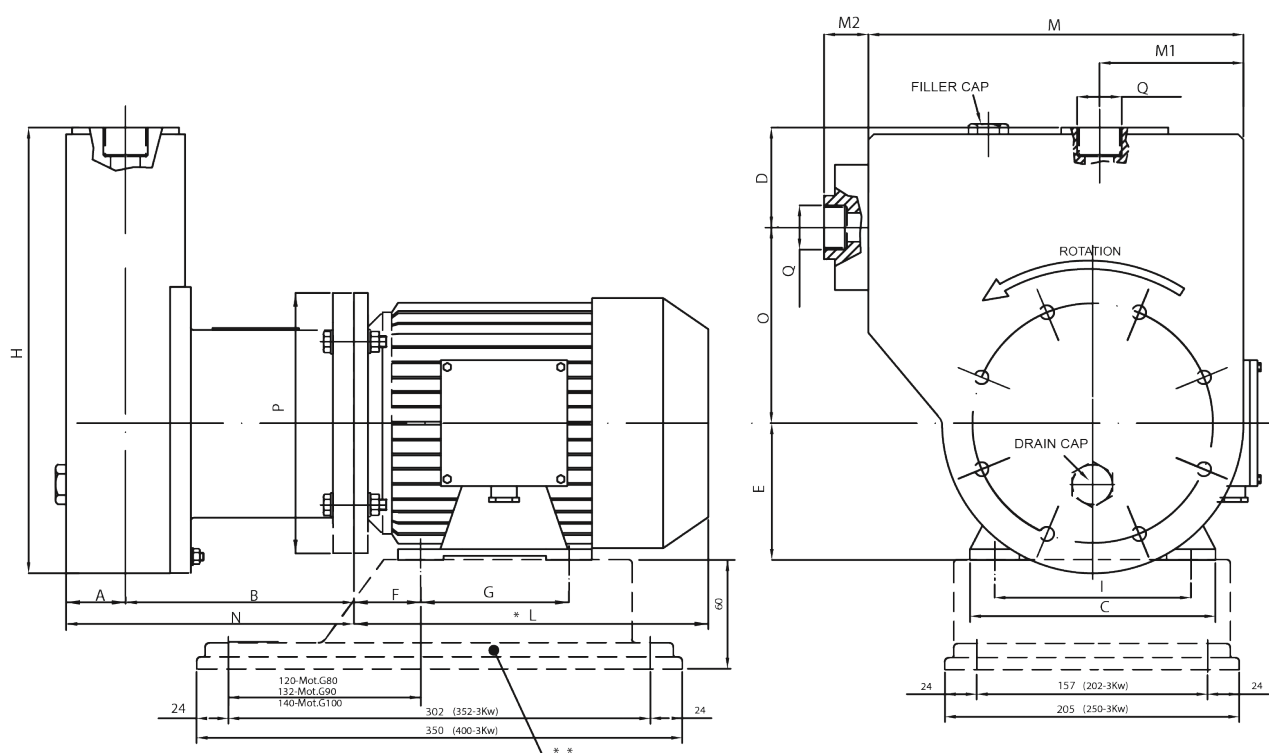
- **Materials available:** PP / PVDF.
- **Materials in contact with the liquid:**
Pump housing: PP or PVDF; Impeller: PVDF; O-ring: EPDM (standard for PP pumps) / VITON (standard for PVDF pumps); Static shaft: ceramic Al_2O_3 99.7%; Bearing: PTFEC.
- **Max flow:** 6 m³/h; **Max head** 24 m.
- **Max Temperature:** PP: 70°C – PVDF: 90°C.

PERFORMANCE CURVES 50Hz - 2900 RPM



HTT-SP TECHNICAL DATA

PUMP SIZE	MATERIAL	Q MAX		H MAX		SUCTION CONNECTION	DISCHARGE CONNECTION	SUITABLE MOTOR POWER (kW) 2900 rpm	MOTOR FLANGE AND FRAME
		50Hz (m³/h)	60Hz (USGPM)	50Hz (m/c)	60Hz (ft)				
HTT-SP 5000	PP- PVDF	4.5	23	18	90	1" FEMALE	1" FEMALE	0.75 1.1	80 - B3 / B5 80 - B3 / B5
HTT-SP 7000	PP- PVDF	5	27	20	98	1" FEMALE	1" FEMALE	1.1 1.5 2.2	80 - B3 / B5 90 S - B3 / B5 90 L - B3 / B5
HTT-SP 9000	PP- PVDF	6	32	24	110	1" FEMALE	1" FEMALE	2.2 3	90 - B3 / B5 100 - B3 / B5



DIMENSIONS - mm -

PUMP TYPE	MOTOR FLANGE B3 - B5	kW	A	B	C	D	E	F	G	H	I	* L	M	M1	M2	N	O	P	Q
HTT-SP 5000	80 2A 80 2B	0.75 1.1	PP = 45 PVDF = 41	175	160	70	80	50	100	325	125	215 232	270	97.5	33	PP = 220 PVDF = 216	147	200	1" FEMALE
HTT-SP 7000	80 2B 90 S 90 L	1.1 1.5 2.2	PP = 45 PVDF = 41	175	160 170 170	70	80 90 90	56	100 100 125	325	125 140 140	232 255 280	270	97.5	33	PP = 220 PVDF = 216	152	200	1" FEMALE
HTT-SP 9000	90 L 100 L	2.2 3	PP = 45 PVDF = 41	186 206	175 200	72	90 100	56 63	125 140	329	140 160	290 315	275	102	37	PP = 231 / PVDF = 227 PP = 251 / PVDF = 247	150 250	200 250	1" FEMALE

* Different according to the manufacturer. ** OPTIONAL UPON REQUEST: DIN or ANSI Flanges and Baseplates.



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