

		1717 Doolittle Dr. San Leandro, CA 94577, USA Phone: 1-510-483-7370 FAX: 1-510-483-7371		Energy Recovery, Inc. Technical Specifications Sheet			REV	BY	CKD	REVISION	DATE		
							0	EAT	ERJ	Initial Release	2/28/2021		
DESCRIPTION: TECHNICAL DATA SHEET ATMP-893-26 PUMP				SHEET		1	SYB	DKH	Revision 1	8/18/2022			
				1 of 1		Document Number		80761-01					
				MANUFACTURER		ERI							
1. Part Number		92375-26		2. Service:			3. Reference:						
OPERATING DATA	Liquid	Seawater		33	MATERIALS	Shaft Seal Housing		SAF 2507 Super Duplex SS					
	Specific Gravity	1.03		34		Bell Housing		Epoxy Coated GG25 Cast Iron					
	Viscosity	1.060 cP @ 70°F (21.1°C)		35		Impeller		EN 1.4539; SAE 904 L; UNS N08904					
	Operating Temperature	33°F - 104°F (0.6°C - 40°C)		36		Impeller Bushing		EN 1.4539; SAE 904 L; UNS N08904					
	Minimum Flow	See ERI Document 80766-01		37		Wear Ring		EN 1.4539; SAE 904 L; UNS N08904					
	Maximum Flow	See ERI Document 80766-01		38		Integrated Check Valve		EN 1.4539; SAE 904 L; UNS N08904					
	Minimum Inlet Pressure	14.5psi (1 bar)		39		Sleeve		EN 1.4462; SAF 2205; Duplex SS					
	Maximum Outlet Pressure	1200 psi (83 bar)		40		Shaft		EN 1.4462; SAF 2205; Duplex SS					
	NPSH _R	14.5psi (1 bar)		41		Inlet/Outlet		SAF 2507 Super Duplex SS					
	Maximum Design Speed	VFD Operated up to 5500 RPM		42		Elastomeric Seals		NBR (neoprene) Rubber					
	Efficiency	See ERI Document 80766-01		43		Shaft Coupling		SAF 2205 Duplex SS					
	Pump Power	See ERI Document 80766-01		44		Coupling Guard		Stainless Steel					
	DESIGN	Number of Stages	26			45	MOTOR	Motor Support		Steel with Epoxy Paint			
		Inlet Size	3" (DN 80)			46		Fasteners (non wetted)		Stainless Steel (EN 1.4301) - 304 SS			
		Outlet Size	3" (DN 80)			47		Frame Size		225M			
Inlet Connection		Grooved Pipe		48	Frequency			50/60 Hz - Inverter Duty					
Outlet Connection		Grooved Pipe		49	Maximum Rated Power			188 HP (140 kW)					
Impeller Diameter		3.5" (89.3 mm)		50	Type			Horizontal FF-400 C-face IEC, IP54					
Minimum Impeller Diameter		N/A		51	Voltage			380-440/441-500 Volts at 50/50/60 Hz					
Maximum Impeller Diameter		N/A		52	Phase			3					
Seal Lubrication		API Plan 02		53	Manufacturer			Siemens					
Shaft Seal		Pressure Balance Mechanical Seal		54	Tropicalization			Optional					
Seal Face Materials		Ceramic/Silicon Carbide		55	Paint System			Manufacturer Standard C2					
Shaft Seal Manufacturer		Manufacturer's standard		56	Case Hydrostatic			1750 psi (120 bar)					
Shaft Coupling		Torsionally Flexible		57	Impeller Balance			N/A					
Thrust Bearing Housing		SAF 2507 Super Duplex Stainless Steel		58	Motor Test			See Motor TDS					
Direction of Rotation		CW facing pump drive end		59	Witness Test			Optional					
Casing Split		Radial		60	Material Certs			Optional					
Thrust Bearing		Ceramic and Carbon		61	Curve Tolerance			ISO9906:2012 3B					
Casing Drain		N/A			Shipping Dimensions			129" x 33" x 35" (328 cm x 83cm x 90cm)					
Notes: ERI RESERVES THE RIGHT TO MAKE SPECIFICATION CHANGES AT ANY TIME WITHOUT PRIOR NOTICE.													
PRICE: desalsales@energyrecovery.com				SHIPPING:				DELIVERY:					
MANUFACTURER: Energy Recovery, Inc.				MODEL NO. ATMP-893-26				WEIGHT: 1336 lb (606 kg)					



Ordering data: 1PC3106-2BB60-0AA0

Motor type: 1CV3226B

Client order no.:

Item no.: Grundfos PN 98930853

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ / Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			No. of Poles
								4/4			4/4			
400	Δ	184	140	- / -	250	5500	243	94.66			0.85			4
IM B35 / IM 2001			FS 225 M		430 kg	IP54		IEC/EN 60034		IEC, EN, UL, CSA			S9 Inverter duty	

Mechanical data

Sound pressure level 50Hz/60Hz (load)	90 db(A)
Moment of inertia	0.65 kg m ²
Bearing DE NDE	6213/HC5 C4 6213/HC5 C4
Relubrication interval/quantity	20 g 20 g 2000 h
Lubricants	Mobilith SHC100
Regreasing device	with regreasing nipple
Grease nipple	M10x1 DIN 71412 A
Type of bearing	Locating bearing NDE
Condensate drainage holes	Yes
External earthing terminal	Yes
Vibration class	A
Insulation	180(H) to 155(F)
Duty type	S9 Inverter duty
Direction of rotation	bidirectional
Frame material	cast iron
Data of anti condensation heating	-/-
Coating	Standard paint finish C2
Color	RAL9005
Motor protection	3 resistance thermometers PT100
Method of cooling	IC411 - self ventilated, surface cooled

Terminal box

Terminal box position	top
Material of terminal box	cast iron
Type of terminal box	TB1 N01
Contact screw thread	M10
Max. cross-sectional area	120.0 mm ²
Cable diameter from ... to ...	34.0 mm - 42.0 mm
Cable entry	1xM63x1,5
Cable gland	- / -

Environmental conditions

Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m

Special design