

SAER® ELETTROPOMPE	Technical data		Revision no		Page: 2																																																														
	KF 0																																																																		
Receiver		From																																																																	
Company name																																																																			
Respons. Department																																																																			
Person in charge																																																																			
Phone number																																																																			
Fax no																																																																			
E-mail address																																																																			
H / m Head Δp / kPa 28 24 20 16 12 8 4 280 240 200 160 120 80 40 — KF 0 Eff. 29.3% P₂ / kW Shaft power P2 NPSH / m NPSH-values η / % Hydraulic efficiency 0.24 0.2 0.16 4 3 2 25 20 15 0 1 2 3 4 5 6 7 8 Q / US g.p.m. UNI EN ISO 9906:2012 grade 3B		Operating data specification Nominal flow US g.p.m. Nominal head m Static head m NPSH - value of plant m Inlet pressure kPa 0 Fluid Water Operating temperature t A °C 20 Density at t A kg/m³ 998.3 Kin. viscosity at t A mm²/s 1.005																																																																	
		Pump <table><tr><td colspan="2">Pump name</td><td colspan="2">KF 0</td></tr><tr><td colspan="2">Size</td><td colspan="2">Weight 6</td></tr><tr><td colspan="2">Design</td><td colspan="2"></td></tr><tr><td>Speed</td><td>1/min 2850</td><td>No of stages</td><td>1</td></tr><tr><td colspan="2">Impeller type</td><td colspan="2">Peripheral impeller</td></tr><tr><td rowspan="3">Flow</td><td>Nominal</td><td>US g.p.m.</td><td></td></tr><tr><td>Max-</td><td>US g.p.m.</td><td>10.6</td></tr><tr><td>Min-</td><td>US g.p.m.</td><td>2.63</td></tr><tr><td rowspan="3">Head</td><td>Nominal</td><td>m</td><td></td></tr><tr><td>Max-</td><td>m</td><td>24.1</td></tr><tr><td>Min-</td><td>m</td><td>3.96</td></tr><tr><td colspan="2">Head H(Q=0)</td><td>m</td><td>29.6</td></tr><tr><td colspan="2">NPSH 3%</td><td>m</td><td></td></tr><tr><td colspan="2">Max working pressure</td><td>kPa</td><td>290</td></tr><tr><td colspan="2">Shaft power</td><td>kW</td><td></td></tr><tr><td colspan="2">Efficiency</td><td>%</td><td></td></tr><tr><td colspan="2">Max absorbed power</td><td>kW</td><td>0.27851</td></tr></table>				Pump name		KF 0		Size		Weight 6		Design				Speed	1/min 2850	No of stages	1	Impeller type		Peripheral impeller		Flow	Nominal	US g.p.m.		Max-	US g.p.m.	10.6	Min-	US g.p.m.	2.63	Head	Nominal	m		Max-	m	24.1	Min-	m	3.96	Head H(Q=0)		m	29.6	NPSH 3%		m		Max working pressure		kPa	290	Shaft power		kW		Efficiency		%		Max absorbed power	
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Materials Pump																																																																			
Shaft		Stainless steel AISI 420 (1.4028)																																																																	
Impeller		Brass																																																																	
Pump body		Cast iron EN-GJL-200																																																																	
Support		Cast iron EN-GJL-200																																																																	
O-ring		NBR Rubber																																																																	
Mechanical seal		BXPG (Gra/Cer/NBR)																																																																	
Motor		Frame size		71																																																															
Manufacturer / Type		SAER 71 2 - 0,37 1~																																																																	
Rated power	kW	0.37	SF	1.15	Efficiency 4/4																																																														
Electric current	A	2.3 A		Speed	1/min 2950																																																														
Electric voltage	V	230 V		1~	Hz 50																																																														
Starting mode																																																																			
Degree of protection		IP 44		Insulation class	F																																																														
Remarks:																																																																			
MAIN_PROJECT_TITLE		BUSINESS_PROCESS_ID		OWNER_	ISSUE_DATE2025-10-10LAST_MODI_DATE2025-10-10																																																														

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