


Cost Acc. Code:		Vendor: *		Item No.:				
1	Process and operating data	Equipment name/Irenginio pavadinimas : <b>Blower/Ventiliatorius</b>		Number required (incl. spare) /Reikalingas kiekis <b>1 (one)/1 (vienas)</b>				
2		Gas, vapour / <b>Air, Gasoline, Oil, Ethanol, Methanol explosion vapours mixture/</b>		Inlet temperature/Temperatūra pasiurbime : <b>ambient/aplinkos</b>				
3		Terpė : <b>Oro, dyzelino, benzino, etanolio, metanolio sproglių garų mišiniai</b>		Inlet pressure/Slėgis pasiurbime : <b>atmosferic/atmosferinis</b>				
4		Operation/Veikimas : <b>Intermittent/Pertraukiamas</b>		Density at inlet conditions/Tankis pasiurbime : <b>1...1,31</b> kg / m <sup>3</sup>				
5		Solids/Kietosios dalelės : <b>0</b> %, max. size : <b>-</b> mm		Capacity/Našumas : <b>6000</b> Nm <sup>3</sup> / h				
6		Corrosive/Erosive service/Korozija : <b>no/ne</b>		Differential pressure/Pakėlimo slėgis : <b>120</b> mbar				
7		Relative humidity at inlet temp. /drėgnumas <b>ambient/aplinkos</b> %		Operating pressure inlet/Darb.slėgis pasiurbi : <b>+10</b> mbar				
8		Area classification (Outside)/Aplinka : <b>Zone 1 Ex II 2G</b>		Operating vacuum inlet/Darb. vakuumas pas : <b>-10</b> mbar				
9		Area classification (Inside)/Terpė : <b>Zone 0 Ex II 1G</b>		* to be stated/confirmed by vendor				
10	Mechanical data	Manufacturer (MFR)/Gamintojas : *		Nozzles	Nom. diameter	Rating	type/fac.	Pos.
11		Type/Tipas : *	Suction	12"	150#	ANSI / RF		
12		Model/Modelis : *	Discharge	12"	150#	ANSI / RF		
13		Location/Vieta : <b>outdoors/lauke</b>	Drain					
14		Arrangement/Išdėstymas : <b>RD0</b>						
15		Rotation from drive side of fan : <b>cw/pagal laikr. rodyklę</b>	Hydraulic power	:	*		kW	
16			Total efficiency	:	*		%	
17		Suction : *	Power required	:	*		kW	
18		Number of stages : *	Power installed	:	45		kW	
19		Design pressure : *	barg	Fan speed	:	variable (VSD)	rpm	
20		Design temperature : <b>-29...+50</b>	°C	Driver speed	:	variable (VSD)	rpm	
21			Fan drive	:	direct			
22		Type of blades : <b>closed type</b>	Driver type	:	E-motor, 400V, EEx-d-IIA-T3, IP 56			
23		Impeller diameter rated : *	Driver supply	:	yes			
24		Impeller diameter max. : *	Driver preheating	:	yes			
25			Motor winding monitoring	:	yes			
26		Shaft diameter : *	mm	TPC sensor	:	yes		
27		Shaft seal, type : *	Driver operat. parameters	:	min 5* Hz / max 75* Hz			
28		Bearings type : *	Coupling mfr	:	*			
29		Bearings type of closure : *	Coupling type	:	*			
30		Bearings method of sealing : *	Max. noise level at 1 m.	:	75		dB ( A )	
31		Bearing lubrication : <b>oil/grease</b>	Damper	:	-			
32		Bearing cooling : -	Weight fan	:	*		kg	
33		Bearings vibration control : <b>yes</b>	Weight base plate	:	*		kg	
34		Bearings temp. monitoring : <b>yes</b>	Weight driver	:	*		kg	
35		Common base plate required : <b>yes</b>	Shipping weight	:	*		kg	
36		for fan and driver by MFR : <b>yes / no</b>						
37		Test		Required		Witnessed		
38	Foundation bolts : <b>yes</b> by MFR : <b>yes / no</b>	Performance		<b>yes 1)</b>		<b>no</b>		
39								
40								
41	Material	Casing and cover : <b>1.4571 (SS 316 Ti)</b>	Coupling guard	:	*			
42		Impeller : *	Base plate	:	*			
43		Wear rings : *	Gland	:	*			
44		Shaft : *						
45		Shaft sleeve : *						
46								
47	Remarks	1) Performance curves required.						
48		2) Pre-volume flame arrestor with transition piece at suction and discharge side pipe connection flanges acc. ASME B16.5 #150 RF, number of discs - 3, gap width - 0,7 mm, diameter nominal - 600 mm, pipe connection size - 12", material - 1.4571, temperature control - PT100 with protective pipe installed on the pre-volume flame arresters.						
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51		3) Condensate drain: DN 1", acc. ASME B16.5 #150 RF with blind flange and PTFE sealing.						
52		4) Corrosion resistance requirement for other components: C5.						
53								
54								
0								
Rev 0	Užsakovas: AB "KN Energies"		Objektas: SKYSTŲJŲ ENERGIJOS PRODUKTŲ TERMINALO ANGLIAVANDENILIŲ GARŲ SURINKIMO, UTILIZAVIMO IR BALANSAVIMO SISTEMOS BURIŲ G. 19, KLAIPĖDOJE, PAPRASTOJO REMONTO PROJEKTAS					
 <b>Savanorių pr.109, LT-44208 Kaunas, tel.: +370 66029192, www.tec.lt</b>							Data	
								2024 11 27
<b>Kalba EN/ LT</b>								
Etapas: TP		Dokumento žymuo : 24023S1EZ_1-XX-DP-T_DS-001			Lapas 1 of 1			