

 www.tsurumi-europe.com		Technical Data TED-50HA			Revisionsnummer	Page: 1	
		Receiver		From			
Firmenname bearbeitende Abteilung Sachbearbeiter Telefonnummer FAX-Nummer E-Mail Adresse							
Operating Data Specification							
1	Fluid	Drainage water		Nominal flow	m ³ /h	0	
2	Solids	Kind		Nominal head	m	0	
3		Weight %	0	Static head	m	0	
4	pH-value at t A		7	Available system NPSH	m	0	
5	Operating temperature t A		°C 20	Inlet pressure	bar	0.09793	
6	Density at t A	kg/dm ³	0.9983	Altitude	m	1000	
7	Kin. viscosity at t A		mm ² /s 1.005				
8	Vapor pressure at t A		bar 0.02337				
9							
10	Pump						
11	Manufacturer	Tsurumi		Impeller type	Vortex impeller		
12	Pump designation	TED-50HA		Impeller design			
13	Size			Impeller Ø	Max.	mm 0	
14	Design	engine pump			designed	mm	0
15	Self-priming	<input type="checkbox"/> Yes			Min.	mm	0
16	Speed	1/min	2900	Flow	Nominal	m ³ /h 27.7	
17	Max. working pressure	bar	2.62		Max-	m ³ /h	41.5
18	Max. diff. pressure	bar	2.62		Min-	m ³ /h	0
19	Number of stages		1	Head	Nominal	m 12.9	
20	No. diffusers		1		Max-	m	26.7
21	Pressure rating				Min-	m	0.152
22	Saugstutzen	Nominal width		Head H(Q=0)			
23		Norm		NPSH 3%			
24	Discharge port	Pressure rating		Shaft power			
25		Nominal width		Max. shaft power at max. impeller			
26		Norm		Efficiency			
27							
28	Materials						
29	Pump			Shaft Seal			
30				Material code			
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47	Starting current, direct starting 0			Power input P1 0			
48	Motor			Coupling			
49	Manufacturer / Type	Tsurumi TED-50H(A)		Manufacturer / Type			
50	Specific design	engine pumps / 50 Hz / Pole pairs 1		Series			
51	Rated power kW	-	Speed 1/min -	Spacer length mm			
52	Electric voltage V	1~ 0	Electric current A 0	Frame size			
53	Degree of protection	--	Frame size				
54	Type of protection:	--	Explosion protection --				
Remarks:							
Project		Project ID		Created by		Created on 2011-03-10	
						Last update	

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Receiver	From

Laufrad										Laufradtyp		Vortex impeller	
	Ø mm	Foerderstrom			Foerderhoehe		Wellenleistung P2			Laufradkonstruktion			
		Arbeitsbereich Min. m³/h	Max. m³/h	η Max. m³/h	H(Q=0) m	η Max. m	P2(Q=0) kW	Max. kW	η Max. kW	Drehsinn	Clockwise from the drive end		
Ist	0	0	41.5	27.7	26.7	12.9		0		Discharge width		mm	0
Min.	0	/	/	27.7	26.7	12.9				Frequenz		Hz	50 Hz
Max.	0	/	/	27.7	26.7	12.9		0		Drehzahl		1/min	2900

Leistungsdaten bezogen auf: Water, pure [100%] ; 20°C; 0.9983kg/dm³; 1.005mm²/s

