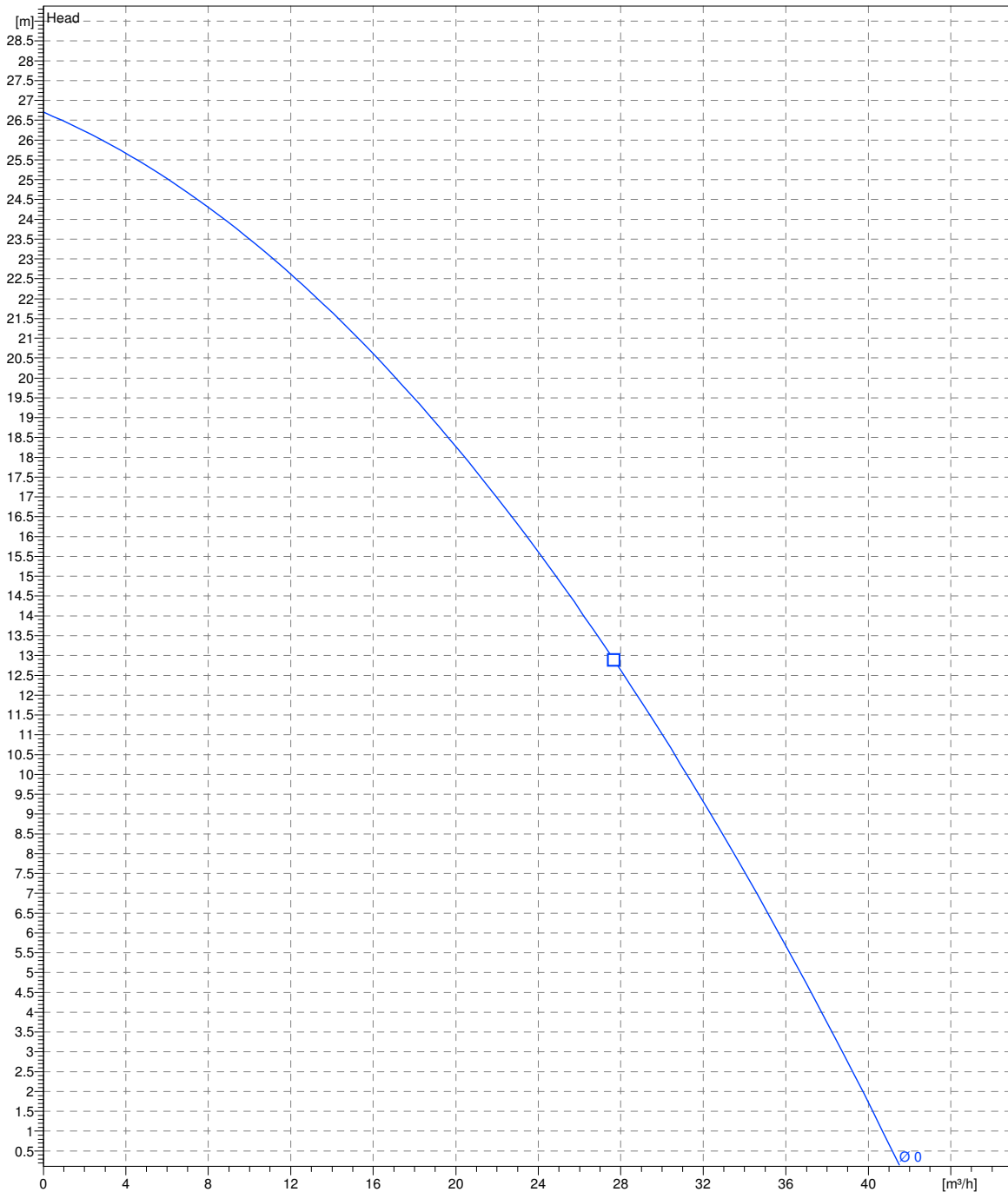


 www.tsurumi-europe.com		Technical Data TED-50HA			Revisionsnummer 		Page: 1		
		Receiver			From				
Firmenname bearbeitende Abteilung Sachbearbeiter Telefonnummer FAX-Nummer E-Mail Adresse									
Operating Data Specification									
1	Fluid	Drainage water			Nominal flow	m³/h	0		
2	Solids	Kind			Nominal 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/dm³ 0.9983	Altitude	m	1000		
7	Kin. viscosity at t A			mm²/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	☐ Yes				Min.	mm	0	
16	Speed	1/min 2900			Flow	Nominal	m³/h	27.7	
17	Max. working pressure	bar 2.62				Max-	m³/h	41.5	
18	Max. diff. pressure	bar 2.62				Min-	m³/h	0	
19	Number of stages	1			Head	Nominal	m	12.9	
20	No. diffusers	1				Max-	m	26.7	
21	Saugstutzen	Pressure rating				Min-	m	0.152	
22		Nominal width			Head H(Q=0)	m	26.7		
23		Norm			NPSH 3%	m			
24	Discharge port	Pressure rating			Shaft power	kW			
25		Nominal width			Max. shaft power at max. impeller	kW		0	
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

 www.tsurumi-europe.com		Kennlinien TED-50HA					Revisionsnummer 		Page: 2		
		Receiver					From				
Firmenname bearbeitende Abteilung Sachbearbeiter Telefonnummer FAX-Nummer E-Mail Adresse											
Laufrad							Laufradtyp		Vortex impeller		
	Ø	Foerderstrom			Foerderhoehe		Wellenleistung P2			Laufradkonstruktion	
	mm	Arbeitsbereich	Min.	Max.	η	H(Q=0)	η	P2(Q=0)	Max.	η	Drehsinn
		Min.	m³/h	m³/h	m³/h	m	m	kW	kW	kW	Clockwise from the drive end
Ist	0	0	41.5	27.7	26.7	12.9		0			Lagerträger
Min.	0	/	/	27.7	26.7	12.9					Discharge width
Max.	0	/	/	27.7	26.7	12.9		0			mm
											0
											Frequenz
											Hz
											50 Hz
											Drehzahl
											1/min
											2900

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



Project	Project ID	Created by	Created on	Last update
			2011-03-10	