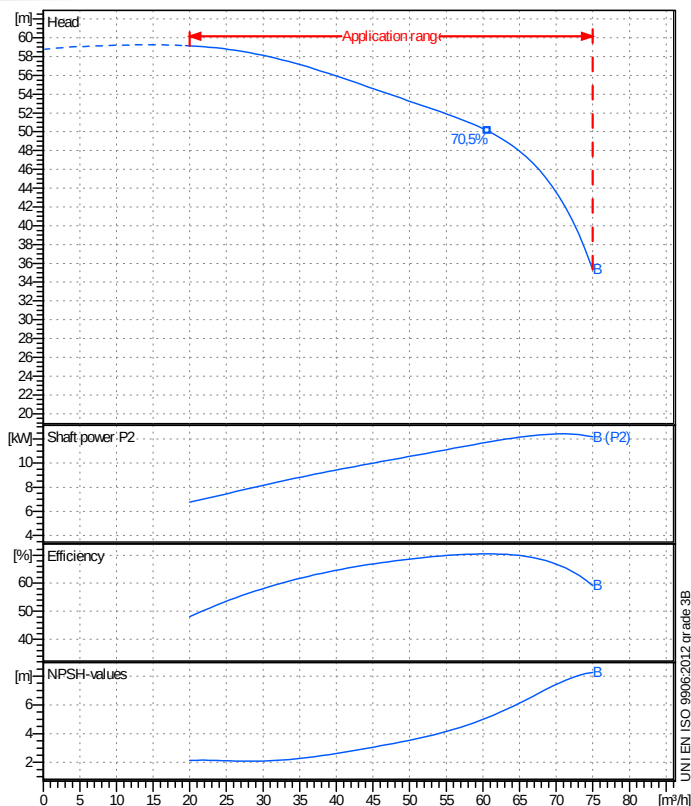


	Technical data IR50-200SB		Revision no 	Page: 1
	Receiver		From	
Company name Respons. Department Person in charge Phone number Fax no E-mail address				



Operating data specification

Nominal flow	m³/h	0
Nominal head	m	0
Static head	m	0
NPSH - value of plant	m	0
Inlet pressure	bar	0,09793
Fluid	Water, pure	
Operating temperature t A	°C	20
Density at t A	kg/m³	998,3
Kin. viscosity at t A	mm²/s	1,005

Pump

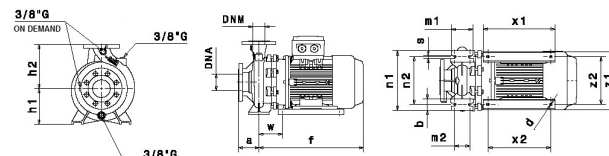
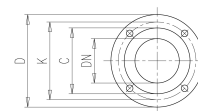
Pump name		IR50-200SB		
Size		65/50/200		
MEI (Reg. 547/2002 EU) >		0,6		
Speed	rpm	2900	No of stages	1
Impeller type				
Flow	Nominal	m³/h		
	Max-	m³/h	75	
	Min-	m³/h	20	
Head	Nominal	m		
	Max-	m	59,2	
	Min-	m	35,3	
Head H(Q=0)		m	58,8	
NPSH 3%		m		
Max. working pressure		bar	5,76	
Shaft power		kW		
Efficiency		%		
Max absorbed power		kW		12,415

Materials Pump

Shaft	Stainless steel AISI 431 (1.4057)
Impeller	Cast iron EN-GJL-250
Pump body	Cast iron EN-GJL-250
Seal disc	Cast iron EN-GJL-250
Gasket	Natural fiber
Mechanical seal	BVEG (Grafite/Ossido Allumina/EPDM)

Dimensions in mm

a	100	z1	265	DNM		DNA	
b	50	z2	212	C	102	C	122
d	12			D	165	D	185
f	564			DN	50	DN	65
h1	160			K	125	K	145
h2	200			n°	4 x 19 mm	n°	4 x 19 mm
m1	100						
m2	70						
n1	265						
n2	212						
s	14						
w	113						
x1	100						
x2	70						



Motor	Manufacturer / Type		SAER	132-2P-17
Efficiency	IEC 60034-30		IE2	
Rated power	kW	12,5	Efficiency 4/4	90 %
Number of poles	2		Frame size	132
Electric current	A	24,1 A	Speed	rpm 2930
Electric voltage	V	400 V	3~	Hz 50
Starting mode	Star-delta			
Degree of protection	IP 55		Insulation class	F

Remarks:

Project	Project ID	Created by	Created on	Last update
			2019-02-27	