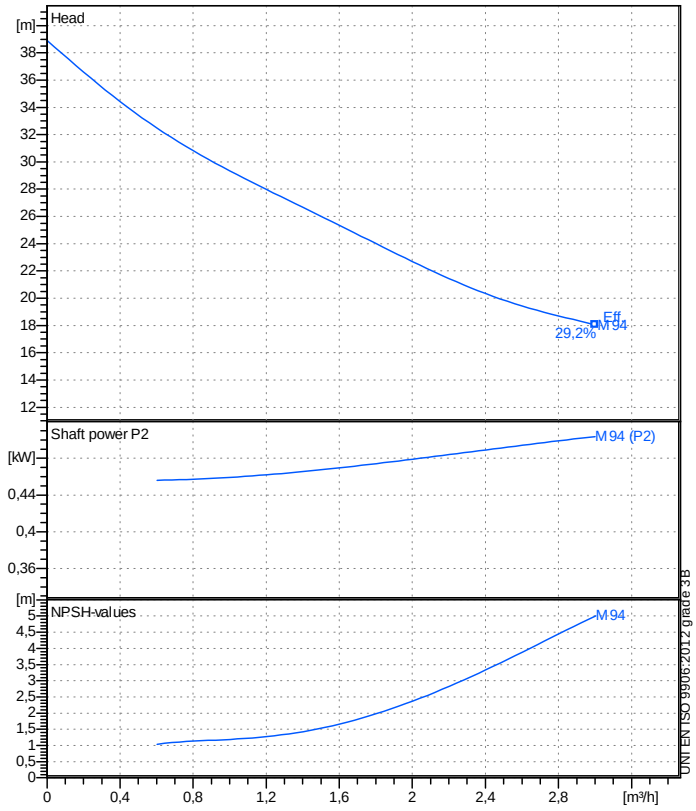
	Technical data M 94	Revision no	Page: 1

	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		M 94		
Size				
Design				
Speed rpm	2850	No of stages	1	
Impeller type				
Flow	Nominal		m³/h	
	Max-		m³/h	3,02
	Min-		m³/h	0
Head	Nominal		m	
	Max-		m	38,9
	Min-		m	18
Head H(Q=0)			m	38,9
NPSH 3%			m	
Max. working pressure			bar	3,81
Shaft power			kW	
Efficiency			%	
Max absorbed power			kW	0,50377

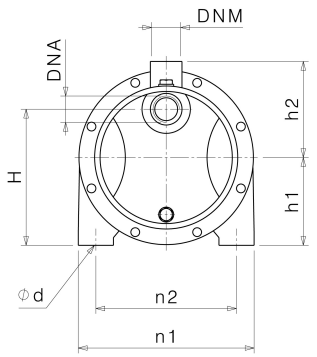
Materials Pump

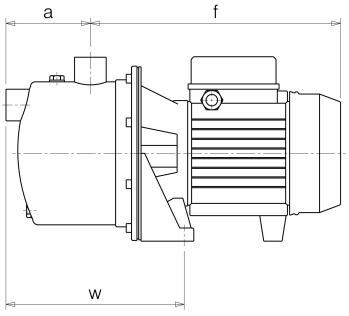
Pump body	Stainless steel AISI 304 (1.4301)
Impeller	Thermoplastic resin
Seal disc	Stainless steel AISI 304 (1.4301)
Shaft	Stainless steel AISI 420 (1.4028)
Diffuser	Thermoplastic resin
Complete ejector	Thermoplastic resin
Tenuta meccancia	BXPG (Gra/Cer/NBR)

Motor	Frame size	71		
Manufacturer / Type	SAER 71 2 - 0,37 1~			
Rated power kW	0,37	Efficiency 4/4		0 %
Electric current A	2,3 A	Speed rpm		2950
Electric voltage V	230 V	1~	Hz	50
Starting mode	Unknown			
Degree of protection	IP 44	Insulation class		F

Dimensions in mm

a	98
DNA	G 1"
DNM	G 1"
f	247
H	155
h1	100
h2	106
n1	200
n2	160
od	10
w	209





Remarks:

Project	Project ID	Created by	Created on **2019-02-13**	Last update