

Size: **553** Pressure stages: **1** Elastomers: **0F Shore A** non-uniform stator type

1	Pumped liquid	Bio sludge	1	Inlet pressure	0,00 bar	0,00 bar	1
2	Temperature	20,0 °C	2	Discharge pressure	3,0 bar	3,0 bar	2
3	Density	1,0 kg/dm³	3	Differential pressure	3,0 bar	3,0 bar	3
4	Viscosity	350,0 mPa·s	4	Capacity	25,0 m³/h	5,0 m³/h	4
5	Solids content	4,0 %	5	Speed	329,1 1/min	70,03 1/min	5
6	Grain size	0,0 mm	6	NPSHR(Water)	2,46 m	1,99 m	6
7	Fibre length	0,0 mm	7	Power required	3,51 kW	0,747 kW	7
8	Concentration	0,0 %	8	Torque	101,8 Nm	101,8 Nm	8
9	displacement volume	1,36 dm³/rev	9	Axial force	1890 N	1890 N	9
10			10	Starting power Ma/Mn = 1,8	2,49 kW	0,53 kW	10
11			11	Efficiency total	59,35 %	55,79 %	11
12			12	Efficiency vol.	98,46 %	92,55 %	12
13			13	v(Gm)	1,62m/s	0,34m/s	13
14	Tolerance acc. to	VDMA 24 284 class II group II	14	QTol(min/max)	23,75/27,5 m³/h	4,75/5,5 m³/h	14
15	Remarks						15

