

TECHNICAL DATA

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PUMP SIZE	A0	A1	A2	A3	A4	A5	A6	A7	A8
MODEL	0 - 018	1 - 027	2 - 054	3 - 081	4 - 108	5 - 135	6 - 162	7 - 189	8 - 216
Flow-max. m ³ /h	8,60	9,21	18,42	27,63	36,84	46,05	55,26	64,47	73,68
Differential pressure-max. bar	20	15	12	10	8	6	5	4	3,5
Volume l/rev.	0.102	0.153	0.307	0.460	0.614	0.767	0.921	1.07	1.23
Speed-max. min ⁻¹	1400	1000	1000	1000	1000	1000	1000	1000	1000
Nominal bore diameter mm	20	31	37	48	48	63	63	78	78
Standard horizontal connection-DN mm	40	40	50	65	65	80	80	100	100
Particle diameter-max. mm	18	27	27	27	27	27	27	27	27
Motor power-max. kW	7,5	11	15	15	15	15	15	15	15
Monoblock construction	•								
Rotors	Single-lobe UM	•							
	Bi-lobe JM, KM, LM, RM	•							
	Tri-lobe MM	•							
	Tri-lobe screw SM	•							
	Four-lobe GM	•							
	Five-lobe BM	•							
F-fixed rotors	•								
D-dismounting rotors	•								
Ultra-hygienic rotors	•								
Interchangeable rotors	•								
Seals	Single mechanical	•							
	Double mechanical	•							
	Non-pusher mechanical	•							
Additional Possibilities	Vertical connection	•							
	Safety valve/bypass	•							
	Heating/Cooling of head	•							
	Electro-polishing	•							
	Non-metal rotors	•							
Working	Non-stop 24 hour								
Pressure in system-max. bar	22								
Media temperature °C min./max.	-80/+200								
Dynamical viscosity mPa s	0.1 – 1000000								
Ambient temperature °C min./max.	-50/+100								
Priming vacuum-max. bar	0,5								
Vacuum in operation-max. bar	0,5								
Heating jacket pressure-max. bar	10								
Mass of pump kg	36	36	40	44	48	52	57	61	65

Each size can operate within or below its normal range.