

GEA Hilge Rotary Lobe Pumps

Program Overview



	NOVALobe 10/0.06	NOVALobe 20/0.12	NOVALobe 30/0.33	NOVALobe 40/0.65	NOVALobe 50/1.29	NOVALobe 60/2.1 *
Displacement [l/rev]	0.06	0.12	0.33	0.65	1.29	2.1
Max. differential pressure [bar]	16	16	16	16	16	16
Max. speed [rpm]	1,500	1,500	1,250	1,000	800	650
Max. liquid temperature [°C]	up to 95 150 (SIP)	up to 95 150 (SIP)	up to 95 150 (SIP)	up to 95 150 (SIP)	up to 95 150 (SIP)	up to 95 150 (SIP)
Rotor design	uni-wing bi-wing multilobe	uni-wing bi-wing multilobe	uni-wing bi-wing multilobe	uni-wing bi-wing multilobe	uni-wing bi-wing multilobe	uni-wing bi-wing multilobe
Surface roughness R_a [µm]	≤ 0.4 / ≤ 0.8	≤ 0.4 / ≤ 0.8	≤ 0.4 / ≤ 0.8	≤ 0.4 / ≤ 0.8	≤ 0.4 / ≤ 0.8	≤ 0.4 / ≤ 0.8
Connection size	25 mm 1"	40 mm 1.5"	50 mm 2"	65 mm 2.5"	80 mm 3"	100 mm 4"
Max. particle size [mm] (non-abrasive)	12	16	23	29	35	41
Max. viscosity [mPas]	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

* available summer 2016