

Nominal size	Geometrical displacemt $V_g$ cm <sup>3</sup>	Operating pressure $p_b$ bar	Maximum pressure $p_{max}$ bar	Speed range		Permissible load (n = 1500 1/min) $F_{radial}$ N
				$n_{min}$ 1/min	$n_{max}$ 1/min	
4	4.03	25	40	200	3000	700
5	5.05					
6	6.38					
8	8.05					
10	10.11					
12	12.58					
16	16.09					
20	20.1					
25	25.1					
32	32.12	25	40	200	3000	1500
40	40.21					
50	50.2					
63	63.18					
80	80.5					

Table 2 Speed n = 1450 1/min

	Pressure $p_b$ in bar								Nominal size	Pressure $p_b$ in bar							
	2	4	6	8	10	15	20	25		2	4	6	8	10	15	20	25
5.7	5.6	5.6	5.5	5.4	5.3	5.1	4.9	4	0.06	0.08	0.10	0.12	0.15	0.20	0.25	0.30	
7.1	7.1	7.0	6.9	6.8	6.6	6.4	6.1	5	0.07	0.10	0.12	0.15	0.18	0.24	0.31	0.38	
9.0	8.9	8.8	8.7	8.6	8.3	8.0	7.8	6	0.08	0.11	0.15	0.18	0.21	0.30	0.38	0.47	
11.3	11.2	11.1	11.0	10.9	10.5	10.2	9.8	8	0.09	0.14	0.18	0.22	0.26	0.37	0.47	0.58	
14.2	14.1	14.0	13.8	13.6	13.2	12.8	12.4	10	0.11	0.16	0.21	0.27	0.32	0.45	0.58	0.72	
17.7	17.6	17.4	17.2	17.0	16.5	15.9	15.4	12	0.12	0.19	0.26	0.32	0.39	0.55	0.72	0.89	
22.6	22.4	22.2	22.0	21.7	21.1	20.5	19.8	16	0.16	0.26	0.37	0.47	0.57	0.82	1.08	1.33	
28.3	28.0	27.7	27.4	27.1	26.4	25.6	24.7	20	0.17	0.28	0.39	0.49	0.60	0.87	1.14	1.41	
35.3	35.0	34.6	34.3	33.9	32.9	31.9	30.9	25	0.20	0.34	0.47	0.61	0.74	1.08	1.41	1.75	
45	45	44	44	43	42	40	39	32	0.3	0.5	0.7	0.8	1.0	1.4	1.9	2.3	
56	56	55	55	54	52	50	49	40	0.4	0.6	0.9	1.1	1.3	1.8	2.3	2.9	
70	70	69	68	67	65	63	61	50	0.5	0.8	1.1	1.3	1.6	2.3	2.9	3.6	
89	88	87	86	85	82	79	77	63	0.7	1.0	1.3	1.7	2.0	2.9	3.7	4.5	
113	112	111	109	108	105	101	98	80	0.8	1.2	1.7	2.1	2.5	3.6	4.7	5.8	

Discharge Q in l/min

Power consumption P in KW