

TECHNICAL SPECIFICATION										
PUMP SERIES I										
Nominal Sizes		NG		12	23	28	55	80	107	160
Displacement		V	cc / rev	12	22.9	28.1	55.1	80.4	106.7	160.4
Maximum Speed (Close circuit)		n		6000	4750	4750	3750	3350	3000	2650
Maximum Speed (Open circuit)	0.09 Mpa	n	rev/min	2980	2370	2370	1890	1705	1515	1475
	0.1 Mpa	n	rev/min	3150	2500	2500	2000	1800	1600	1450
	0.15 Mpa	n	rev/min	3760	2985	2985	2390	2150	1910	1730
Flow	Close	q	l / min	72	109	133	210	269	320	425
	0.09 Mpa	q	l / min	35	53	65	104	134	158	215
	Open	q	l / min	37	56	69	110	141	167	228
Power at P diff. = 35 Mpa	0.15 Mpa	q	l / min	44	67	82	131	169	199	272
	Close	P	KW	42	63	76	123	157	187	248
	0.09 Mpa	P	KW	21	32	39	62	80	94	129
Rated Motor RPM 1450	Open	P	KW	22	33	41	65	84	100	136
	0.1 Mpa	P	KW	26	40	49	78	101	119	162
	0.15 Mpa	P	KW	26	40	49	78	101	119	162
Power at	P = 10 Mpa	q	l / min	17	33	41	81	116	155	233
	P = 35 Mpa	q	l / min	17	32	40	80	114	162	228
	P = 35 Mpa	P	KW	10	19	24	47	68	90	136
Torque	P = 10 Mpa	M	NM	19	36	45	89	128	170	255
Torque	P = 35 Mpa	M	NM	67	127	156	312	447	594	894
Moment of Inersia on drive shaft		J	kgm ²	0.0004	0.0012	0.0012	0.0042	0.0072	0.0116	0.0022
Wqight		m	Kg	6	9.5	9.5	18	23	32	45
PUMP SERIES II										
TECHNICAL SPECIFICATION										
Nominal Sizes		NG		16	32	45	63	90	125	180
Displacement		V	cc / rev	16	32	45.6	63	90	125	180
Maximum Speed (Close circuit)		n		6000	4750	4250	3750	3350	3000	2650
Maximum Speed (Open circuit)	0.09 Mpa	n	rev/min	2980	2370	2120	1890	1705	1515	1375
	0.1 Mpa	n	rev/min	3150	2500	2240	2000	1800	1600	1450
	0.15 Mpa	n	rev/min	3760	2985	2670	2390	2150	1910	1730
Flow	Close	q	l / min	96	152	194	236	301	375	477
	0.09 Mpa	q	l / min	46	74	95	116	150	185	242
	Open	q	l / min	49	78	100	123	158	196	255
Power at P diff. = 35 Mpa	0.15 Mpa	q	l / min	59	93	119	147	189	234	305
	Close	P	KW	56	88	113	137	176	219	278
	0.09 Mpa	P	KW	28	45	56	69	89	110	144
Rated Motor RPM 1450	Open	P	KW	30	46	59	74	95	116	152
	0.1 Mpa	P	KW	35	56	71	88	113	139	182
	0.15 Mpa	P	KW	35	56	71	88	113	139	182
Power at	P = 10 Mpa	q	l / min	23	46	66	91	130	181	261
	P = 35 Mpa	q	l / min	22.5	45	65	89	128	177	255
	P = 35 Mpa	P	KW	13	26	38	53	76	106	152
Torque	P = 10 Mpa	M	NM	25.4	50.9	72.5	100	143	199	286
Torque	P = 35 Mpa	M	NM	89	178	254	350	500	696	1001
Moment of Inersia on drive shaft		J	kgm ²	0.0004	0.0012	0.0024	0.0042	0.0072	0.0116	0.0022
Wqight		m	Kg	6	9.5	13.54	18	23	32	45