

IFP IP3100/IP5100/IP7600 PUMP PERFORMANCE DATA



Average Data at 2000psi / 138 bar
Oil Viscosity - 150 SUS (32 CST)

IP3100

		GEAR WIDTH (Inches)													
		1/2 "		3/4 "		1"		1 1/4 "		1 1/2 "		1 3/4 "		2"	
		1		1.48		1.97		2.46		2.96		3.45		3.94	
cu in/rev cc/rev		16.39		24.58		32.77		40.97		49.16		57.35		65.55	
		lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm
		kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp
600	600	5.7	1.5	8.6	2.3	11.4	3	15.2	4	22.8	6	26.7	7	32.3	8.5
	900	2.6	3.5	3.9	5.3	5.2	7	6.7	9	8.2	11	9.7	13	11.2	15
900	900	11.4	3	17.1	4.5	22.8	6	28.5	7.5	38	10	43.7	11.5	51.3	13.5
	1200	3.9	5.3	5.9	7.9	7.8	10.5	10.1	13.5	12.3	16.5	14.2	19	16.4	22
1200	1200	16.2	4.3	24.2	6.4	32.3	8.5	41.8	11	53.2	14	60.8	16	72.2	19
	1500	5	6.8	7.6	10.1	10.1	13.5	13.1	17.5	16	21.5	18.6	25	21.6	29
1500	1500	20.9	5.5	31.4	8.3	41.8	11	53.2	14	66.5	17.5	78	20.5	91.2	24
	1800	6.3	8.5	9.5	12.8	12.7	17	16.4	22	19.7	26.5	23.1	31	26.9	36
1800	1800	25.7	6.8	38.5	10.1	51.3	13.5	66.5	17.5	81.8	21.5	95	25	110.2	29
	2100	7.5	10	11.2	15	14.9	20	19.4	26	23.5	31.5	27.6	37	30.5	43
2100	2100	30.4	8	45.6	12	60.8	16	79.8	21	96.7	25.5	112.1	29.5	131.1	34.5
	2400	8.8	11.8	13.1	17.6	17.5	23.5	22.3	30	27.2	36.5	32.1	43	37.3	50
2400	2400	35.2	9.3	52.7	13.9	70.3	18.5	91.2	24	112.1	29.5	129.2	34	150.1	39.5
		10.1	13.5	15.1	20.3	20.1	27	25.4	34	31.3	42	36.6	49	42.5	57

IP5100

		GEAR WIDTH (Inches)															
		3/4 "		1"		1 1/4 "		1 1/2 "		1 3/4 "		2"		2 1/4 "		2 1/2 "	
		1.91		2.55		3.19		3.83		4.46		5.10		5.74		6.38	
cu in/rev cc/rev		31.66		42.11		52.77		63.25		73.74		84.23		94.88		105.37	
		lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm
		kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp
600	600	15.7	4.1	20.9	5.4	26.6	7	32.3	8.5	38	10	41.8	11	45.6	12	49.4	13
	900	5.6	7.5	7.46	9.5	9.32	12.5	10.4	14	11.9	16	14.1	19	15.3	20.5	17.1	23
900	900	24.2	6.4	32.3	8.5	41.8	11	49.4	13	60.8	16	66.5	17.5	72.2	19	79.8	21
	1200	8.4	11.3	11.1	14.0	13.4	18	15.6	21	17.9	24	20.5	27.5	23.1	31	25.4	34
1200	1200	32.8	8.6	43.7	12.0	57	15	68.4	18	81.7	21.5	91.2	24	100.7	26.5	110.2	29
	1500	10.9	14.6	14.5	19.5	17.9	24	20.5	27.5	23.8	32	27.2	36.5	30.5	41	34.3	46
1500	1500	42.8	11.3	57	15.0	72.2	19	87.4	23	102.6	27	115.9	30.5	127.3	33.5	142.5	37.5
	1800	13.4	18	17.9	22.5	22	29.5	25.7	34.5	29.8	40	33.9	45.5	38	51	42.5	57
1800	1800	51.3	13.5	68.4	18.0	87.4	23	106.4	28	125.4	33	140.6	37	155.8	41	174.8	46
	2100	16.2	21.8	21.6	26.5	26.1	35	30.58	41	35.4	47.5	40.2	54	45.5	61	51.1	68.5
2100	2100	59.9	15.8	79.8	21.5	102.6	27	123.5	32.5	146.3	38.5	165.3	43.5	182.4	48	205.2	54
	2400	16.2	21.8	24.9	31.5	30.5	41	35.4	47.5	41	55	46.9	63	52.9	71	59.7	80
2400	2400	68.4	18	91.2	25.0	117.8	31	142.5	37.5	167.2	44	190	50	210.9	55.5	235.6	62
		21.3	28.5	28.3	34.0	34.3	46	40.6	54.5	46.9	63	73.3	71.5	60.4	81	68.3	91.5

IP7600

		GEAR WIDTH (Inches)																			
		3/4 "		1"		1 1/4 "		1 1/2 "		1 3/4 "		2"		2 1/4 "		2 1/2 "		2 3/4 "		3"	
		3.03		4.04		5.06		6.07		7.08		8.09		9.10		10.11		11.12		12.13	
cu in/rev cc/rev		49.70		66.27		82.84		99.40		115.97		132.54		149.11		165.67		182.22		198.78	
		lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm	lpm	gpm
		kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp	kw	Hp
600	600	21.4	5.6	28.5	7.5	38	10	45.6	12.5	55.1	14.5	66.5	17.5	76	20	89.3	23.5	102.6	27	110.2	29
	1200	10.1	13.5	13.4	18	15.6	21	17.5	23.5	19.4	26	21.6	29	25	33.5	27	36.5	29	39	31.3	42
1200	1200	49.9	13.1	66.5	17.5	85.5	22.5	104.5	27.5	123.5	32.5	142.5	37.5	161.5	42.5	178.6	47	201.4	53	224.2	59
	1500	17.6	23.6	23.5	31.5	28.3	38	33.6	45	38.4	51.5	43.3	58	48.5	65	53.7	72	59.7	80	65.6	88
1500	1500	64.1	16.9	85.5	22.5	108.3	28.5	131.1	34.5	155.8	41	180.5	47.5	201.4	53	224.2	59	250.8	66	277.4	73
	1800	21.3	28.5	28.3	38	35	47	41.4	55.5	48.1	64.5	54.5	73	60.8	81.5	67.1	90	74.6	100	83.2	111.5
1800	1800	78.4	20.6	104.5	27.5	133	35	159.6	42	190	50	216.6	57	243.2	64	269.8	71	300.2	79	332.5	87.5
	2100	25.2	33.8	33.6	45	41.8	56	49.6	66.5	57.4	77	65.6	88	73.1	98	80.9	108.5	91	122	99.9	134
2100	2100	92.6	24.4	123.5	32.5	155.8	41	186.2	49	224.2	59	254.6	67	283.1	74.5	313.5	82.5	349.6	92	385.7	101.5
	2400	29.1	39	38.8	52	48.1	64.5	57.4	77	67.1	90	76.8	103	85	114	94.4	126.5	105.8	142	117.1	157
2400	2400	106.9	28.1	142.5	37.5	178.6	47	214.7	56.5	256.5	67.5	290.7	76.5	324.9	85.5	359.1	94.5	399	105	440.8	116
		32.7	43.9	43.6	58.5	54.4	73	65.2	87.5	76.8	103	88	118	96.9	130	108.1	145	121.6	163	134.3	180

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