

IFP IM3150/IM3300/IM3500/IM3650 MOTOR PERFORMANCE DATA



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

IM3150

Speed rpm	½" Gear		¾" Gear		1" Gear		1¼" Gear		1½" Gear		1¾" Gear		2" Gear	
	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output
	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque
	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs
	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm
900	4.4	265	5.6	450	6.8	635	8.0	820	9.2	880	10.6	915	11.9	910
1200	16	30	21	51	26	72	30	93	35	99	40	103	45	103
1500	5.3	280	6.9	460	8.5	640	10.1	820	11.7	875	13.4	915	15.2	910
1800	4	30	26	51	32	72	38	93	44	99	51	103	58	103
2000	6.2	290	8.2	465	10.2	640	12.2	815	14.2	870	16.4	910	18.6	905
2400	25	32	32	52	39	72	46	92	54	98	62	103	72	102
	7.3	300	9.6	470	11.9	640	14.2	810	16.6	860	18.2	900	21.9	895
	27	32	36	52	45	72	54	92	63	97	69	102	83	101
	7.8	285	10.7	460	13.6	635	16.3	810	19.0	850	22.2	895	25.3	890
	33	32	42	52	51	72	62	92	72	96	84	101	96	100
	9.1	290	12.2	460	15.3	630	18.4	800	21.5	835	25.1	875	28.7	870
	36	33	47	52	58	71	70	90	81	94	95	99	109	98

IM3300

Speed rpm	½" Gear		¾" Gear		1" Gear		1¼" Gear		1½" Gear		1¾" Gear		2" Gear	
	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output
	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque
	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs
	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm
900	5.5	745	7.5	895	9.5	995	11.5	1245	13.5	1495	15.5	1650	17.5	1720
1200	20	83	29	83	36	112	44	141	51	169	59	186	66	194
1500	7.5	740	10	740	12.5	995	15.0	1250	17.5	1500	20.2	1660	22.5	1725
1800	27	54	37	83	47	112	57	141	66	169	76	188	85	195
2000	9	455	12	720	15	985	18	1250	21.5	1495	24.5	1630	28	1725
2400	35	51	46	81	57	111	68	141	81	169	93	184	106	195
	9.5	450	13.5	700	17.5	950	21.5	1200	25.5	1475	29	1600	33	1700
	34	49	50	78	66	107	81	136	97	167	110	181	125	1921
	11	415	15.5	670	20	925	24.5	1180	29.5	1440	34	15640	38.5	1670
	38	44	57	75	76	105	93	133	112	163	129	174	146	189
	12	315	17.5	600	22.5	885	28	1170	33	1400	38.5	1475	43.5	1640
	45	48	65	74	85	100	106	132	125	158	146	167	165	185

IM3500

Speed rpm	¾" Gear		1" Gear		1¼" Gear		1½" Gear		1¾" Gear		2" Gear		1¼" Gear		1½" Gear	
	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output
	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque
	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs
	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm
900	11	880	13.5	1240	16	1600	18.5	1950	21	2140	23.5	2260	26	2340	28.5	2360
1200	41	99	51	140	61	181	70	220	79	242	89	255	98	264	108	267
1500	14	890	17	1250	20	1610	23.5	1960	27	2150	30	2260	33.5	2340	37	2360
1800	52	100	64	141	76	182	89	221	102	243	114	255	127	264	140	267
2000	16.5	880	20	1240	24.5	1600	28.5	1960	32.5	2130	36.5	2230	41	2310	45	2330
2400	59	99	76	140	93	181	108	221	123	241	138	252	155	261	170	263
	18.5	860	23.5	1210	28.5	1560	33.5	1900	38.5	2060	43.5	2160	48.5	2240	53.5	2260
	70	98	89	137	108	176	127	215	146	2331	165	244	184	253	202	255
	20.5	830	26.5	1175	32.5	1520	38.5	1840	44	2000	50	2100	56	2160	62	2180
	77	94	100	133	123	172	146	208	167	226	189	237	212	244	235	246
	23	810	30	1140	37	1470	43.5	1790	50	1950	57	2050	63.5	2110	70	2130
	88	92	114	129	140	166	165	202	189	220	216	232	240	238	265	241

IM3650

Speed rpm	¾" Gear		1" Gear		1¼" Gear		1½" Gear		1¾" Gear		2" Gear		2¼" Gear		2½" Gear	
	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output	Displ.	Output
	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque	Flow	Torque
	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs	gpm	in/lbs
	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm	l/m	Nm
900	15.5	1350	19	1790	22.5	2230	26	2730	29.5	3200	33	3610	37	3880	40	3960
1200	59	152	72	202	85	252	98	308	112	361	125	408	140	438	151	447
1500	19	1350	23.5	1800	28	2250	33	2740	37.5	3230	42.5	3620	47.5	3900	52	3975
1800	72	152	89	203	106	254	125	309	142	365	161	409	180	441	197	449
2000	22	1340	28	1790	34	2240	40	2720	46	3200	52	3600	58	3810	63.5	3950
2400	83	151	106	202	129	253	151	307	174	361	197	407	220	430	240	446
	26	1340	33	1770	40	2200	47	2650	54	3150	61	3540	68	3720	75	3875
	99	152	125	200	151	248	178	300	204	356	231	400	257	420	284	438
	29	1270	37.5	1700	46	2130	54	2600	62.5	3075	70.5	3440	79	3600	87	3790
	110	143	142	192	174	241	204	294	237	347	267	389	299	407	329	428
	33	1190	42.5	1620	52	2050	61	2500	70.5	2975	80	3360	90	3500	98.5	3650
	125	134	161	183	197	232	231	2800	267	336	303	380	341	395	373	412