



NATIONAL OILWELL

MISSION PRODUCTS GROUP

2652

PUMP	English Units					25 RPM		40 RPM		55 RPM		70 RPM		85 RPM	
	Piston Dia. In.	Piston Area Sq. In.	BPD per RPM	GPM per RPM	Max. Press. PSI	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM
2652	4.000	12.5664	78.3840	2.2862	1125	1960	57.2	3136	91.4	4312	125.7	5487	160.0	6663	194.3
	4.500	15.9043	102.096	2.9778	1125	2553	74.4	4084	119.1	5616	163.8	7147	208.4	8679	253.1
	5.000	19.6349	128.712	3.7541	1125	3218	93.9	5149	150.2	7080	206.5	9010	262.8	10941	319.1
	5.500	23.7583	158.064	4.6102	930	3952	115.3	6323	184.4	8694	253.6	11065	322.7	13436	391.9
	6.000	28.2743	190.296	5.5503	782	4758	138.8	7612	222.0	10467	305.3	13321	388.5	16176	471.8
	6.500	33.1830	225.120	6.5660	666	5628	164.2	9005	262.6	12382	361.1	15759	459.6	19136	558.1
	7.000	38.4845	262.968	7.6699	574	6575	191.7	10519	306.8	14464	421.8	18408	536.9	22353	651.9
	7.250	41.2825	283.272	8.2621	535	7082	206.6	11331	330.5	15580	454.4	19830	578.3	24079	702.3
Brake Horsepower Required						75		120		165		210		255	

PUMP	Metric Units					25 RPM		40 RPM		55 RPM		70 RPM		85 RPM	
	Plunger Dia. cm	Plunger Area cm ²	M ³ /Hr per RPM	L/Sec. per RPM	Max. Press. kPa	M ³ /Hr	L/Sec.	M ³ /Hr	L/Sec.	M ³ /Hr	L/Sec.	M ³ /Hr	L/Sec.	M ³ /Hr	L/Sec.
2652	102	81.073	0.5192	0.1442	7757	13.0	3.6	20.8	5.8	28.6	7.9	36.3	10.1	44.1	12.3
	114	102.608	0.6763	0.1879	7757	16.9	4.7	27.1	7.5	37.2	10.3	47.3	13.2	57.5	16.0
	127	126.677	0.8526	0.2368	7757	21.3	5.9	34.1	9.5	46.9	13.0	59.7	16.6	72.5	20.1
	140	153.279	1.0470	0.2909	6414	26.2	7.3	41.9	11.6	57.6	16.0	73.3	20.4	89.0	24.7
	152	182.415	1.2605	0.3502	5389	31.5	8.8	50.4	14.0	69.3	19.3	88.2	24.5	107.1	29.8
	165	214.084	1.4911	0.4142	4592	37.3	10.4	59.6	16.6	82.0	22.8	104.4	29.0	126.7	35.2
	178	248.286	1.7418	0.4839	3959	43.5	12.1	69.7	19.4	95.8	26.6	121.9	33.9	148.1	41.1
	184	266.338	1.8763	0.5213	3691	46.9	13.0	75.1	20.9	103.2	28.7	131.3	36.5	159.5	44.3
Kilowatts Required						56		90		123		157		190	

RPM shown is Crankshaft speed. For Pinion Shaft speed, multiply RPM by Gear Ratio.



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