

## KS28MNB PERFORMANCE (1800 RPM)

Suction Pressure (psig)			Discharge Pressure (psig)												
			20	40	60	80	100	120	140	160	180	200	250	300	350
0	Capacity (MMscfd)		1.375	1.352	1.341	1.325	1.314	1.299	1.284	1.263	1.248	1.233	Consult OmniTech		
	BHP (BHP)		100	144	174	202	223	244	265	288	311	334			
	Dis.Temp. (F)		172	185	185	185	185	185	185	185	185	185			
	OCHR (BTU/Min.)		1891	3556	4835	6038	6988	7898	8808	9517	10815	11813			
	Oil Flow (GPM)		17	23	31	39	45	51	57	63	70	76			
	VI		2.2	2.2	3.65	3.65	5	5	5	5	5	5			
10	Capacity (MMscfd)			2.321	2.284	2.266	2.247	2.233	2.215	2.197	2.188	2.171	2.148	2.123	
	BHP (BHP)			139	184	222	257	285	312	342	361	384	435	486	
	Dis.Temp. (F)			171	183	185	185	185	185	185	185	185	185	185	
	OCHR (BTU/Min.)			1994	3463	5137	6627	7841	9049	10346	11187	12190	14391	16597	
	Oil Flow (GPM)			18	22	33	43	51	58	67	72	79	93	107	
	VI			2.2	2.2	2.9	2.9	3.65	3.65	3.65	5	5	5	5	
20	Capacity (MMscfd)				3.273	3.217	3.191	3.173	3.152	3.131	3.118	3.098	3.044	3.018	2.982
	BHP (BHP)				181	225	270	305	340	376	402	431	500	539	590
	Dis.Temp. (F)				171	184	185	185	185	185	185	185	185	185	185
	OCHR (BTU/Min.)				2148	3532	5408	6934	8429	10012	11128	12428	15420	17144	19368
	Oil Flow (GPM)				20	23	35	45	54	65	72	80	99	111	125
	VI				2.2	2.2	2.2	2.9	2.9	2.9	3.65	3.65	3.65	5	5
30	Capacity (MMscfd)					4.219	4.151	4.121	4.094	4.076	4.053	4.031	3.985	3.927	3.895
	BHP (BHP)					220	265	310	354	388	424	461	527	595	641
	Dis.Temp. (F)					171	182	185	185	185	185	185	185	185	185
	OCHR (BTU/Min.)					2257	3567	5325	7265	8740	10327	11912	148813	17814	19793
	Oil Flow (GPM)					21	25	34	47	56	67	77	96	115	128
	VI					2.2	2.2	2.2	2.2	2.9	2.9	2.9	3.65	3.65	5
40	Capacity (MMscfd)						5.162	5.083	5.052	5.021	4.992	4.977	4.916	4.869	4.807
	BHP (BHP)						260	305	349	396	442	473	558	623	691
	Dis.Temp. (F)						171	185	185	185	185	185	185	185	185
	OCHR (BTU/Min.)						2370	3289	5238	7277	9308	10639	14347	17206	20212
	Oil Flow (GPM)						22	26	34	47	60	69	93	111	130
	VI						2.2	2.2	2.2	2.2	2.2	2.9	2.9	3.65	3.65
50	Capacity (MMscfd)							6.103	6.016	5.979	5.946	5.917	5.862	5.797	5.749
	BHP (BHP)							300	344	391	437	484	570	655	719
	Dis.Temp. (F)							170	185	185	185	185	185	185	185
	OCHR (BTU/Min.)							2486	3199	5248	7288	9322	13703	16790	19603
	Oil Flow (GPM)							24	27	34	47	60	84	108	126
	VI							2.2	2.2	2.2	2.2	2.2	2.9	2.9	3.65
60	Capacity (MMscfd)								7.041	6.947	6.908	6.873	6.795	6.743	6.674
	BHP (BHP)								339	385	432	479	589	667	752
	Dis.Temp. (F)								170	185	185	185	185	185	185
	OCHR (BTU/Min.)								2603	3221	5254	7299	12121	15515	19238
	Oil Flow (GPM)								25	28	34	47	78	100	124
	VI								2.2	2.2	2.2	2.2	2.2	2.9	2.9
70	Capacity (MMscfd)									7.977	7.881	7.837	7.749	7.671	7.619
	BHP (BHP)									381	427	474	584	679	764
	Dis.Temp. (F)									171	184	185	185	185	185
	OCHR (BTU/Min.)									2758	3341	5261	10108	14275	17965
	Oil Flow (GPM)									26	28	34	65	92	116
	VI									2.2	2.2	2.2	2.2	2.9	2.9
80	Capacity (MMscfd)										8.911	8.812	8.708	8.622	8.565
	BHP (BHP)										422	469	579	690	776
	Dis.Temp. (F)										175	183	185	185	185
	OCHR (BTU/Min.)										2382	3454	8080	12922	16690
	Oil Flow (GPM)										20	23	52	83	108
	VI										2.2	2.2	2.2	2.2	2.9