

PERFORMANCE CHART OF “ANSONS” HORIZONTAL OPENWELL PUMPSETS – 3 PHASE RATINGS

Total Head In Metres \longrightarrow				10	13	16	19	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69
HP/kW	Type AHOW	Delivery Size (Inches)	Voltage Range (Volts)	\longleftarrow Discharge in LPM \longrightarrow																				
1/0.75	126	1	220 TO 456	235	220	190	170	140	110	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1/0.75	125	1 1/4	220 TO 456	-	178	158	133	115	38	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1/0.75	118	2	220 TO 456	290	230	172	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2/1.5	219+*	2	220 TO 456	450	420	340	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2/1.5	230+*	1 1/2	220 TO 456	-	-	-	245	225	190	145	30	-	-	-	-	-	-	-	-	-	-	-	-	-
2/1.5	248 (2 ST)	1 1/2	220 TO 456	-	-	-	-	-	185	175	160	145	120	105	80	43	48	-	-	-	-	-	-	-
3/2.2	338	1 1/2	220 TO 456	-	-	-	-	-	365	335	300	250	200	38	-	-	-	-	-	-	-	-	-	-
3/2.2	326+*	2	220 TO 456	-	-	710	620	570	430	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/2.2	329+*	2	220 TO 456	-	-	670	600	540	440	300	29	-	-	-	-	-	-	-	-	-	-	-	-	-
3/2.2	334	2	220 TO 456	540	535	530	510	490	445	390	315	200	34	-	-	-	-	-	-	-	-	-	-	-
5/3.7	548+*	1 1/2	220 TO 456	-	-	-	-	-	-	-	410	375	340	305	260	200	48	-	-	-	-	-	-	-
5/3.7	533+*	2	220 TO 456	-	860	840	820	750	640	550	420	33	-	-	-	-	-	-	-	-	-	-	-	-
5/3.7	534+*	2 1/2	220 TO 456	-	1100	1050	980	930	840	760	560	300	34	-	-	-	-	-	-	-	-	-	-	-
5/3.7	540+*	2	220 TO 456	-	-	-	-	-	600	580	530	460	400	360	40	-	-	-	-	-	-	-	-	-
5/3.7	528+*	2 1/2	220 TO 456	1140	1100	1020	940	850	730	690	28	-	-	-	-	-	-	-	-	-	-	-	-	-
5/3.7	520	3	220 TO 456	1250	1100	1030	880	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.5/5.5	7556+*	2	250 TO 456	-	-	-	-	-	-	-	-	780	750	710	660	600	500	450	370	56	-	-	-	-
7.5/5.5	7547+*	2 1/2	250 TO 456	-	-	-	-	-	-	1050	1010	900	820	720	600	460	47	-	-	-	-	-	-	-
7.5/5.5	7538+*	2 1/2	250 TO 456	-	-	-	1370	1280	1170	1040	900	750	580	38	-	-	-	-	-	-	-	-	-	-
7.5/5.5	7534+*	3	250 TO 456	-	1420	1370	1270	1220	1100	920	800	600	34	-	-	-	-	-	-	-	-	-	-	-
10/7.5	1067	2	270 TO 456	-	-	-	-	-	-	-	-	-	-	780	760	730	690	650	590	530	460	330	200	67
10/7.5	1052	2 1/2	270 TO 456	-	-	-	-	-	-	-	1100	1050	1000	920	830	740	620	410	52	-	-	-	-	-
10/7.5	1041	2 1/2	270 TO 456	-	-	-	1420	1360	1250	1150	1040	920	750	500	41	-	-	-	-	-	-	-	-	-
10/7.5	1029+*	3	270 TO 456	-	1950	1750	1630	1520	1290	1090	29	-	-	-	-	-	-	-	-	-	-	-	-	-
10/7.5	1038+*	3	270 TO 456	-	1550	1500	1400	1300	1200	1100	900	810	540	38	-	-	-	-	-	-	-	-	-	-
15/11	1570+*	2 1/2	270 TO 456	-	-	-	-	-	-	-	1220	1210	1190	1170	1140	1100	1045	990	920	840	750	650	400	70
3/2.2	328Z+*	2	220 TO 456	590	530	480	450	400	330	240	28	-	-	-	-	-	-	-	-	-	-	-	-	-
5/3.7	528Z+*	2 1/2	220 TO 456	-	960	850	750	680	610	460	28	-	-	-	-	-	-	-	-	-	-	-	-	-
5/3.7	533Z+*	2	220 TO 456	-	890	850	780	710	630	490	380	33	-	-	-	-	-	-	-	-	-	-	-	-

- Performance values are @ rated voltage and frequency – 3 phase rating (415V – 50c/s) .
- Values in RED are SHUT OFF values in metres.
- Speed(Syn) for all models is 3000 RPM – 2 pole.
- * Marked Models are ISI marked as per IS : 14220.
- Total Head In Metres =(Static Delivery + Head Loss due to friction in pipe)

Pipe size inch to mm conversion –

Inch	1	1 1/4	1 1/2	2	2 1/2	3	4
mm	25	32	40	50	65	80	100