

PERFORMANCE CHART

DEEPWELL SUBMERSIBLE PUMPSETS

Suitable for 150 mm Borewells
Three Phase 380 Volts, 50 Hz, A.C. Supply



MIXED FLOW			DISCHARGE IN lpm								
PUMP+MOTOR	STAGES	MOTOR HP/KW	lpm	60	80	100	120	140	160	180	Del. Outlet
			m³/hr	3.6	4.8	6	7.2	8.4	9.6	10.8	mm
CT35 + DX6	10	5/3.7		96.5	94	90	85	78	68	60	50
CT35 + DX6	12	5/3.7	TOTAL	116	113	107	101	93	82	72	50
CT35 + DX6	15	5/3.7		145	141	134	127	116	102	90	50
CT35 + DX6	16	7.5/5.5	HEAD	155	150	143	135	123	108	96	50
CT35 + DX6	18	7.5/5.5		174	169	161	152	139	122	108	50
CT35 + DX6	20	7.5/5.5	IN	193	188	179	169	155	135	120	50
CT35 + DX6	26	10/7.5		250	244	234	221	203	177	156	50
CT35 + DX6	28	10/7.5	MTRS	269	263	252	238	218	190	168	50
CT35 + DX6	30	10/7.5		288	282	270	255	234	204	180	50

RADIAL FLOW			DISCHARGE IN lpm									
PUMP+MOTOR	STAGES	MOTOR	lpm	75	100	125	150	175	200	250	300	Del. Outlet
		HP/KW	m³/hr	4.5	6	7.5	9	10.5	12	15	18	mm
CT55 +DX6	5	3/2.2		45	43	41	38	34	30			50
CT55 +DX6	6	5/3.7	TOTAL	53	52	49	46	41	36			50
CT55 +DX6	8	5/3.7		71	69	66	61	55	48			50
CT55 +DX6	10	5/3.7		89	87	83	77	69	60			50
CT55 +DX6	12	6/4.5		106	104	99	92	82	72			50
CT55 +DX6	14	7.5/5.5	HEAD	124	121	116	107	96	83			50
CT55 +DX6	15	7.5/5.5		133	130	124	115	103	89			50
CT55 +DX6	16	10/7.5		142	139	133	123	110	95			50
CT55 +DX6	18	10/7.5		161	156	148	138	124	107			50
CT55 +DX6	20	10/7.5	IN	178	173	165	153	138	119			50
CT55 +DX6	22	12.5/9.3		196	191	182	169	151	131			50
CT55 +DX6	24	12.5/9.3		214	208	199	184	165	143			50
CT55 +DX6	26	15/11		231	225	215	199	179	155			50
CT55 +DX6	28	15/11	MTRS	249	243	232	215	192	167			50
CT55 +DX6	30	15/11		267	260	249	230	206	179			50



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RADIAL FLOW			DISCHARGE IN lpm									
PUMP+MOTOR	STAGES	MOTOR HP/KW	lpm	75	100	125	150	175	200	250	300	Del. Outlet
			m³/hr	4.5	6	7.5	9	10.5	12	15	18	mm
CT66 +DX6	4	3/2.2				38	37.5	37	36	34	29	50
CT66 +DX6	5	5/3.7	TOTAL			47	46.5	46	45	42	37	50
CT66 +DX6	6	5/3.7				57	56	55	54	50	44	50
CT66 +DX6	7	5/3.7				67	66	65	63	59	51	50
CT66 +DX6	8	6/4.5				76	75	74	72	67	59	50
CT66 +DX6	9	7.5/5.5				85	84	83	81	75	66	50
CT66 +DX6	10	7.5/5.5				95	94	92	90	84	73	50
CT66 +DX6	11	10/7.5	HEAD			105	103	101	99	92	81	50
CT66 +DX6	12	10/7.5				114	113	110	108	100	88	50
CT66 +DX6	13	10/7.5				124	122	119	117	109	96	50
CT66 +DX6	14	12.5/9.3				132	131	129	126	117	103	50
CT66 +DX6	16	12.5/9.3				152	150	147	144	134	117	50
CT66 +DX6	17	15/11	IN			162	160	157	153	142	125	50
CT66 +DX6	18	15/11				171	169	166	162	151	132	50
CT66 +DX6	20	15/11				190	188	184	180	167	147	50
CT66 +DX6	21	17.5/13				199	197	194	189	176	154	50
CT66 +DX6	22	17.5/13				209	207	203	198	184	162	50
CT66 +DX6	23	17.5/13				219	216	212	207	192	169	50
CT66 +DX6	24	20/15	MTRS			228	225	221	216	201	176	50
CT66 +DX6	26	20/15				247	244	240	234	217	191	50
CT66 +DX6	28	25/18.5				266	263	259	252	233	206	



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RADIAL FLOW			DISCHARGE IN lpm								
PUMP+MOTOR	STAGES	MOTOR	lpm	200	225	250	310	350	400	450	Del. Outlet
		HP/KW	m³/hr	12	13.5	15	18.6	21	24	27	mm
CT77 +DX6	3	3/2.2	TOTAL	29	29	28	26	23	19		50
CT77 +DX6	4	5/3.7		39	38	37	35	31	27		50
CT77 +DX6	5	5/3.7		49	48	47	43	39	33		50
CT77 +DX6	6	6/4.5		57	56	55	50	45	40		50
CT77 +DX6	6	7.5/5.5		59	58	57	52	47	41		50
CT77 +DX6	7	7.5/5.5	HEAD	69	67	66	60	55	47		50
CT77 +DX6	8	7.5/5.5		77	76	74	68	62	55		50
CT77 +DX6	8	10/7.5		79	78	76	70	64	56		50
CT77 +DX6	9	10/7.5		89	88	86	79	72	61		50
CT77 +DX6	10	10/7.5		99	97	95	88	81	69		50
CT77 +DX6	11	12.5/9.3	IN	109	107	104	96	88	75		50
CT77 +DX6	12	12.5/9.3		119	117	114	105	97	83		50
CT77 +DX6	13	15/11		130	127	123	113	104	89		50
CT77 +DX6	14	15/11		141	138	134	122	113	96		50
CT77 +DX6	15	15/11		150	147	143	131	121	103		50
CT77 +DX6	16	17.5/13	MTRS	160	157	152	140	129	111		50
CT77 +DX6	17	17.5/13		170	167	161	148	138	120		50
CT77 +DX6	18	20/15		180	177	171	157	144	126		50
CT77 +DX6	19	20/15		186	182	178	166	155	136		50
CT77 +DX6	20	20/15		192	188	184	174	164	147		50
CT77 +DX6	22	25/18.5		204	200	198	190	182	167		50
CT77 +DX6	24	25/18.5		216	212	210	206	203	187		50
CT77 +DX6	26	25/18.5		228	226	224	222	218	207		50

MIXED FLOW			DISCHARGE IN lpm								
PUMP+MOTOR	STAGES	MOTOR	lpm	200	225	250	310	350	400	450	Del. Outlet
		HP/KW	m³/hr	12	13.5	15	18.6	21	24	27	mm
J156N + DX6	3	3/2.2	TOTAL	29	28.5	28	27	26	24	20	50
J156N + DX6	4	5/3.7		39	38.5	38	36	34	32	26	50
J156N + DX6	5	5/3.7		49	48	47	45	43	40	33	50
J156N + DX6	6	6/4.5		58	57	56	54	51	48	40	50
J156N + DX6	7	7.5/5.5		68	67	66	62	60	56	49	50
J156N + DX6	8	7.5/5.5	HEAD	76	74	73	70	67	62	55	50
J156N + DX6	8	10/7.5		78	76	75	71	68	64	56	50
J156N + DX6	9	10/7.5		87	86	85	80	77	72	63	50
J156N + DX6	10	10/7.5		97	95	94	89	85	80	70	50
J156N + DX6	11	12.5/9.3		107	105	103	98	94	88	78	50
J156N + DX6	12	12.5/9.3	IN	116	115	113	107	102	96	85	50
J156N + DX6	13	15/11		126	124	122	116	111	104	92	50
J156N + DX6	14	15/11		136	134	132	125	119	112	99	50
J156N + DX6	15	15/11		145	143	141	134	128	120	108	50
J156N + DX6	16	17.5/13		155	153	150	142	136	128	115	50
J156N + DX6	17	17.5/13	MTRS	165	162	160	151	145	136	122	50
J156N + DX6	18	20/15		175	172	169	160	153	144	130	50
J156N + DX6	19	20/15		184	182	179	169	162	152	137	50
J156N + DX6	20	20/15		194	191	188	178	170	160	145	50

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MIXED FLOW			DISCHARGE IN lpm												
PUMP+MOTOR	STAGES	MOTOR HP/KW	lpm	350	400	450	500	600	700	800	900	1000	1100	1250	Del. Outlet
			m³/hr	21	24	27	30	36	42	48	54	60	60	75	mm
J156 + DX6	3	5/3.7		27	26	24	22	16							80
J156 + DX6	4	5/3.7	TOTAL	36	35	32	29	22							80
J156 + DX6	5	7.5/5.5		46	45	42	38	30							80
J156 + DX6	6	7.5/5.5		55	52	49	45	35							80
J156 + DX6	7	10/7.5		64	60	57	52	41							80
J156 + DX6	8	10/7.5	HEAD	73	70	65	60	46							80
J156 + DX6	9	12.5/9.3		82	79	73	66	50							80
J156 + DX6	10	12.5/9.3		89	85	79	72	54							80
J156 + DX6	10	15/11		91	87	81	74	56							80
J156 + DX6	11	15/11	IN	102	97	90	82	62							80
J156 + DX6	12	17.5/13		111	105	98	89	67							80
J156 + DX6	13	17.5/13		119	113	106	99	73							80
J156 + DX6	14	20/15		128	122	114	105	79							80
J156 + DX6	15	20/15		136	131	123	114	82							80
J156 + DX6	16	22.5/16.7	MTRS	144	140	131	123	88							80
J156 + DX6	17	22.5/16.7		152	149	139	132	94							80
J156 + DX6	18	25/18.7		160	157	147	141	100							80
J156 + DX6	19	25/18.7		168	165	155	150	106							80
J156 + DX6	20	25/18.7		176	173	163	159	112							80

MIXED FLOW			DISCHARGE IN lpm										
PUMP+MOTOR	STAGES	MOTOR HP/KW	lpm	200	250	300	350	400	450	500	550	600	Del. Outlet
			m³/hr	12	15	18	21	24	27	30	33	36	mm
J256 + DX6	3	5.0/3.7	TOTAL	35	34	32	30	28	25	22	19	15	65
J256 + DX6	4	5.0/3.7		47	45	43	40	37	33	29	25	20	65
J256 + DX6	5	6.0/4.5		59	57	54	51	47	42	37	31	25	65
J256 + DX6	6	7.5/5.5		71	68	65	61	56	50	44	37	29	65
J256 + DX6	7	10/7.5		83	80	76	69	65	59	52	43	34	65
J256 + DX6	8	10/7.5	HEAD	94	91	86	81	75	67	59	49	39	65
J256 + DX6	9	12.5/9.3		106	103	97	89	83	76	67	56	44	65
J256 + DX6	10	12.5/9.3		118	114	108	99	92	84	74	62	49	65
J256 + DX6	11	15/11		130	125	119	109	101	92	81	68	54	65
J256 + DX6	12	15/11	IN	142	136	130	124	112	99	88	75	59	65
J256 + DX6	13	17.5/13		154	148	140	129	120	109	96	81	64	65
J256 + DX6	14	17.5/13		165	159	151	144	131	118	103	87	69	65
J256 + DX6	15	20/15		177	171	162	152	140	126	110	92	74	65
J256 + DX6	16	20/15		189	182	173	158	147	134	118	99	78	65
J256 + DX6	17	25/18.5	MTRS	200	194	184	168	156	143	126	105	83	65
J256 + DX6	18	25/18.5		212	205	194	183	168	152	132	110	88	65

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MIXED FLOW			DISCHARGE IN lpm												
PUMP+MOTOR	STAGES	MOTOR HP/KW	lpm	350	400	450	500	600	700	800	900	1000	1100	1250	Del. Outlet
			m³/hr	21	24	27	30	36	42	48	54	60	66	75	mm
J356 + DX6	2	5/3.7				19	18	16	14	11	8				80
J356 + DX6	3	5/3.7	TOTAL			25	23	20	16	12	9				80
J356 + DX6	3	6/4.5				28	27	24	21	17	13				80
J356 + DX6	4	6/4.5				37	34	29	25	19	14				80
J356 + DX6	4	7.5/5.5				39	37	32	27	22	15				80
J356 + DX6	5	7.5/5.5				42	41	37	33	27	17				80
J356 + DX6	5	10/7.5	HEAD			48	46	40	35	28	19				80
J356 + DX6	6	10/7.5				55	53	48	41	32	22				80
J356 + DX6	7	10/7.5				62	60	54	46	36	24				80
J356 + DX6	7	12.5/9.3				64	62	56	48	38	26				80
J356 + DX6	8	12.5/9.3				71	69	62	52	40	28				80
J356 + DX6	8	15/11	IN			73	71	64	54	42	30				80
J356 + DX6	9	15/11				81	78	70	59	46	31				80
J356 + DX6	9	17.5/13				83	80	72	61	48	33				80
J356 + DX6	10	17.5/13				89	86	80	70	57	40				80
J356 + DX6	11	20/15				99	96	88	77	63	46				80
J356 + DX6	12	20/15	MTRS			109	106	96	84	69	52				80
J356 + DX6	13	25/18.5				119	116	104	91	75	58				80
J356 + DX6	14	25/18.5				129	126	112	98	81	64				80
J356 + DX6	15	30/22				139	136	120	105	87	70				80

MIXED FLOW			DISCHARGE IN lpm							
PUMP+MOTOR	STAGES	MOTOR HP/KW	lpm	700	800	900	1000	1100	1250	Del. Outlet
			m³/hr	42	48	54	60	66	75	mm
J456 + DX6	2	5/3.7		17	15	14	12	10	7	80
J456 + DX6	3a	6/4.5	TOTAL	23	21	19	15	12	8	80
J456 + DX6	3	7.5/5.5		25	23	21	18	15	11	80
J456 + DX6	4a	7.5/5.5		30	28	25	21	16	12	80
J456 + DX6	4	10/7.5		34	31	28	25	22	16	80
J456 + DX6	5a	10/7.5	HEAD	38	36	33	28	23	17	80
J456 + DX6	5	12.5/9.3		43	39	35	31	26	19	80
J456 + DX6	6	15/11		51	47	42	37	31	21	80
J456 + DX6	7	17.5/13		59	55	49	43	37	25	80
J456 + DX6	8	20/15		67	62	56	49	41	29	80
J456 + DX6	9	25/16.7	IN	75	69	63	55	45	33	80
J456 + DX6	10	25/18.5		83	76	70	61	50	38	80
J456 + DX6	11	25/18.5		91	83	77	67	54	43	80
J456 + DX6	12	25/18.5		100	90	84	73	58	48	80
J456 + DX6	13	30/22	MTRS	108	97	91	79	62	53	80
J456 + DX6	14	30/22		117	104	98	85	66	58	80

MIXED FLOW			DISCHARGE IN lpm									
PUMP+MOTOR	STAGES	MOTOR	lpm	500	600	700	800	900	1000	1100	1200	Del. Outlet
		HP/KW	m³/hr	30	36	42	48	54	60	66	72	mm
J556 + DX6	3	6/4.5	TOTAL	32	30	28	26	23	20	17	14	80
J556 + DX6	4	7.5/5.5	HEAD	41	38	35	32	28	24	19	15	80
J556 + DX6	5	10/7.5	IN	49	46	42	38	34	29	23	17	80
J556 + DX6	6	12.5/9.3	MTRS	58	54	51	47	43	38	32	26	80