

PERFORMANCE CHART

DEEPWELL SUBMERSIBLE PUMPSETS

Suitable for 200 mm Borewells
Three Phase 380 Volts, 50 Hz, A.C. Supply



RADIAL FLOW			DISCHARGE IN lpm											
PUMP+MOTOR	STAGES	MOTOR	lpm	200	300	400	500	600	700	800	900	1000	1100	Del. Outlet
		HP/KW	m³/hr	12	18	24	30	36	42	48	54	60	66	mm
CT8A25 + DX8	6	15/11	TOTAL	114	108	102	90	72						80
CT8A25 + DX8	8	20/15		152	144	136	120	96						80
CT8A25 + DX8	9	25/18.5		171	162	153	135	108						80
CT8A25 + DX8	10	25/18.5	HEAD	190	180	170	150	120						80
CT8A25 + DX8	11	30/22		209	198	187	165	132						80
CT8A25 + DX8	12	30/22		228	216	204	180	144						80
CT8A25 + DX8	13	35/26	IN	247	234	221	195	156						80
CT8A25 + DX8	14	35/26		266	252	238	210	168						80
CT8A25 + DX8	15	40/30		285	270	255	225	180						80
CT8A25 + DX8	16	40/30	MTRS	304	288	272	240	192						80

RADIAL FLOW			DISCHARGE IN lpm											
PUMP+MOTOR	STAGES	MOTOR	lpm	200	300	400	500	600	700	800	900	1000	1100	Del. Outlet
		HP/KW	m³/hr	12	18	24	30	36	42	48	54	60	66	mm
CT8A35 + DX8	4	15/11				72	68	60	52	40				80
CT8A35 + DX8	5	20/15	TOTAL			90	85	75	65	50				80
CT8A35 + DX8	6	20/15				108	102	90	78	60				80
CT8A35 + DX8	7	25/18.5				126	119	105	91	70				80
CT8A35 + DX8	8	30/22	HEAD			144	136	120	104	80				80
CT8A35 + DX8	9	35/26				162	153	135	117	90				80
CT8A35 + DX8	10	35/26				180	170	150	130	100				80
CT8A35 + DX8	11	35/26	IN			198	187	165	143	110				80
CT8A35 + DX8	12	40/30				216	204	180	156	120				80
CT8A35 + DX8	13	50/37.5				234	221	195	169	130				80
CT8A35 + DX8	14	50/37.5	MTRS			252	238	210	182	140				80
CT8A35 + DX8	15	50/37.5				270	255	225	195	150				80

RADIAL FLOW			DISCHARGE IN lpm											
PUMP+MOTOR	STAGES	MOTOR	lpm	200	300	400	500	600	700	800	900	1000	1100	Del. Outlet
		HP/KW	m³/hr	12	18	24	30	36	42	48	54	60	66	mm
CT8A50 + DX8	3	15/11				61	60.5	60	57	53	47	41		80
CT8A50 + DX8	4	20/15	TOTAL			83	82	79	75	70	63	55		80
CT8A50 + DX8	5	25/18.5				104	102	99	94	87	79	69		80
CT8A50 + DX8	6	30/22	HEAD			126	124	120	113	105	95	83		80
CT8A50 + DX8	7	35/26				147	144	139	132	122	111	97		80
CT8A50 + DX8	8	40/30				168	165	159	151	140	127	111		80
CT8A50 + DX8	9	45/33.5	IN			189	185	178	169	158	143	125		80
CT8A50 + DX8	10	50/37.5				210	205	198	188	176	160	140		80
CT8A50 + DX8	11	62/46				231	225	217	206	194	176	155		80
CT8A50 + DX8	12	62/46	MTRS			252	245	236	224	212	192	170		80



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MIXED FLOW			DISCHARGE IN lpm								
PUMP+MOTOR	STAGES	MOTOR	lpm	600	700	800	900	1000	1100	1200	Del. Outlet
		HP/KW	m³/hr	36	42	48	54	60	66	72	mm
MN325 + DX8	5	15/11		83	79	74	69	62	55	48	100
MN325 + DX8	6	20/15	TOTAL	100	95	88	82	74	66	58	100
MN325 + DX8	7	25/18.5		116	111	103	96	86	77	67	100
MN325 + DX8	8	25/18.5		133	126	118	110	98	88	77	100
MN325 + DX8	9	30/22	HEAD	149	142	132	123	111	99	86	100
MN325 + DX8	10	30/22		166	158	147	137	123	110	96	100
MN325 + DX8	11	35/26		183	174	162	151	135	121	106	100
MN325 + DX8	12	40/30	IN	199	190	176	164	148	132	115	100
MN325 + DX8	13	40/30		216	205	191	178	160	144	125	100
MN325 + DX8	14	45/33.5		232	221	206	192	172	156	134	100
MN325 + DX8	15	50/37.5	MTRS	249	237	220	206	185	168	144	100

MIXED FLOW			DISCHARGE IN lpm								
PUMP+MOTOR	STAGES	MOTOR	lpm	600	700	800	900	1000	1100	1200	Del. Outlet
		HP/KW	m³/hr	36	42	48	54	60	66	72	mm
MN425 + DX8	4	15/11		71	69	65	61	56	50	44	100
MN425 + DX8	5	20/15	TOTAL	89	87	83	77	71	63	56	100
MN425 + DX8	6	25/18.5		107	105	100	94	86	77	68	100
MN425 + DX8	7	30/22		125	122	117	110	101	90	80	100
MN425 + DX8	8	35/26	HEAD	143	139	134	126	116	103	92	100
MN425 + DX8	9	40/30		161	156	151	142	131	116	104	100
MN425 + DX8	10	40/30	IN	179	173	168	158	146	129	116	100
MN425 + DX8	11	45/33.5		197	190	185	174	161	142	128	100
MN425 + DX8	12	50/37.5		215	207	202	190	176	155	140	100
MN425 + DX8	13	50/37.5	MTRS	233	224	219	206	191	168	152	100

MIXED FLOW			DISCHARGE IN lpm								
PUMP+MOTOR	STAGES	MOTOR	lpm	600	700	800	900	1000	1100	1200	Del. Outlet
		HP/KW	m³/hr	36	42	48	54	60	66	72	mm
MN525 + DX8	3	15/11		63	61	58	55	51	47	42	100
MN525 + DX8	4	20/15	TOTAL	83	80	76	72	67	62	55	100
MN525 + DX8	5	25/18.5		103	99	95	90	83	77	68	100
MN525 + DX8	6	30/22	HEAD	123	118	113	107	99	92	81	100
MN525 + DX8	7	35/26		143	137	131	124	115	107	94	100
MN525 + DX8	8	40/30		163	156	149	141	131	122	107	100
MN525 + DX8	9	45/33.5	IN	183	175	167	158	147	137	120	100
MN525 + DX8	10	50/37.5		203	194	185	175	163	152	133	100
MN525 + DX8	11	60/45	MTRS	223	213	203	192	179	167	146	100



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MIXED FLOW			DISCHARGE IN lpm											
PUMP+MOTOR	STAGES	MOTOR HP/KW	lpm	200	300	400	500	600	700	800	900	1000	1100	Del. Outlet
			m³/hr	12	18	24	30	36	42	48	54	60	66	mm
MN335 + DX8	5	15/11						78	72	63	54	44		100
MN335 + DX8	6	20/15	TOTAL					94	86	76	65	52		100
MN335 + DX8	7	20/15						110	101	89	76	60		100
MN335 + DX8	8	25/18.5	HEAD					126	116	102	87	68		100
MN335 + DX8	9	30/22						142	131	115	95	75		100
MN335 + DX8	10	30/22						158	146	128	108	84		100
MN335 + DX8	11	35/26	IN					174	151	141	119	92		100
MN335 + DX8	12	35/26						190	166	154	130	100		100
MN335 + DX8	13	40/30						206	181	161	141	108		100
MN335 + DX8	14	45/33.5	MTRS					222	196	180	152	116		100
MN335 + DX8	15	45/33.5						238	211	193	163	124		100

MIXED FLOW			DISCHARGE IN lpm											
PUMP+MOTOR	STAGES	MOTOR HP/KW	lpm	200	300	400	500	600	700	800	900	1000	1100	Del. Outlet
			m³/hr	12	18	24	30	36	42	48	54	60	66	mm
MN435 + DX8	4	15/11						69	64	59	53	47	40	100
MN435 + DX8	5	20/15	TOTAL					93	88	81	73	64	54	100
MN435 + DX8	6	25/18.5						112	105	97	88	78	67	100
MN435 + DX8	7	30/22						132	123	113	103	92	80	100
MN435 + DX8	8	35/26	HEAD					153	141	131	118	106	92	100
Mn435 + DX8	9	35/26						170	156	145	130	117	100	100
MN435 + DX8	9	40/30						172	159	148	133	120	104	100
MN435 + DX8	10	40/30	IN					189	177	164	150	134	119	100
MN435 + DX8	11	45/33.5						209	195	181	167	148	133	100
MN435 + DX8	12	50/37.5						229	213	198	184	162	142	100
MN435 + DX8	13	50/37.5						249	231	215	201	176	161	100
MN435 + DX8	14	62/46	MTRS					269	249	232	218	190	175	100
MN435 + DX8	15	62/46						289	267	249	235	204	189	100

MIXED FLOW			DISCHARGE IN lpm											
PUMP+MOTOR	STAGES	MOTOR HP/KW	lpm	200	300	400	500	600	700	800	900	1000	1100	Del. Outlet
			m³/hr	12	18	24	30	36	42	48	54	60	66	mm
MN535 + DX8	3	15/11						60	58	54	50	43	36	100
MN535 + DX8	4	20/15	TOTAL					81	77	71	65	58	50	100
MN535 + DX8	5	25/18.5						100	95	88	81	72	62	100
MN535 + DX8	6	30/22	HEAD					120	114	106	96	87	75	100
MN535 + DX8	7	35/26						139	130	121	111	100	86	100
MN535 + DX8	8	40/30						160	152	143	132	119	102	100
MN535 + DX8	9	45/33.5	IN					180	171	160	147	135	117	100
MN535 + DX8	10	50/37.5						200	189	177	163	148	130	100
MN535 + DX8	11	62/46	MTRS					220	207	194	179	161	143	100
MN535 + DX8	12	62/46						240	225	211	195	174	156	100



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MIXED FLOW			DISCHARGE IN lpm													
PUMP+MOTOR	STAGES	MOTOR	lpm	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	Del. Outlet
		HP/KW	m³/hr	48	54	60	66	72	78	84	90	96	102	108	114	mm
MN545 + DX8	3	15/11	TOTAL	48	47	46	44	42	40	37						100
MN545 + DX8	4	20/15		64	62	60	58	55	52	49						100
MN545 + DX8	5	25/18.5		80	77	75	72	68	65	61						100
MN545 + DX8	6	30/22	HEAD	96	93	90	86	82	78	74						100
MN545 + DX8	7	35/26		112	109	105	100	96	91	86						100
MN545 + DX8	8	40/30	IN	128	124	120	115	110	105	100						100
MN545 + DX8	9	45/34		144	140	135	130	124	118	113						100
MN545 + DX8	10	50/37.5		160	156	150	144	138	132	124						100
MN545 + DX8	11	62/46	MTRS	176	172	165	158	152	146	137						100
MN545 + DX8	12	62/46		192	188	180	172	166	160	150						100

MIXED FLOW			DISCHARGE IN lpm													
PUMP+MOTOR	STAGES	MOTOR	lpm	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	Del. Outlet
		HP/KW	m³/hr	48	54	60	66	72	78	84	90	96	102	108	114	mm
MN645 + DX8	3	20/15	TOTAL	52	51	49	47	45	43	40	38					100
MN645 + DX8	4	25/18.5		68	66	64	62	59	56	52	49					100
MN645 + DX8	5	30/22	HEAD	84	82	80	77	73	69	65	60					100
MN645 + DX8	6	40/30		100	98	95	92	87	82	77	71					100
MN645 + DX8	7	45/34		116	114	111	107	102	96	89	82					100
MN645 + DX8	8	50/37.5	IN	132	129	126	122	115	108	101	93					100
MN645 + DX8	9	62/46		148	144	142	137	130	122	113	104					100
MN645 + DX8	10	62/46	MTRS	164	160	156	151	144	136	126	116					100

MIXED FLOW			DISCHARGE IN lpm													
PUMP+MOTOR	STAGES	MOTOR	lpm	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	Del. Outlet
		HP/KW	m³/hr	48	54	60	66	72	78	84	90	96	102	108	114	mm
MN745 + DX8	2	15/11	TOTAL	37	36.5	36	35	34	33	31	29	27	24	20		100
MN745 + DX8	3	25/18.5		56	55	54	52	50	48	46	43	40	35	31		100
MN745 + DX8	4	30/22	HEAD	76	75	73	70	68	65	61	57	53	47	42		100
MN745 + DX8	5	35/26		95	93	91	88	85	81	77	72	66	59	52		100
MN745 + DX8	6	45/34	IN	115	112	110	106	102	97	92	85	79	71	63		100
MN745 + DX8	7	50/37.5		134	131	128	124	120	114	109	101	93	83	74		100
MN745 + DX8	8	62/46	MTRS	152	149	146	142	137	130	123	115	106	95	84		100



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MIXED FLOW			DISCHARGE IN lpm													
PUMP+MOTOR	STAGES	MOTOR	lpm	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	Del. Outlet
		HP/KW	m³/hr	60	66	72	78	84	90	96	102	108	114	120	126	mm
MN655 + DX8	3	20/15				49	47	44	41	38	35	31	27	23		125
MN655 + DX8	4	25/18.5	TOTAL			62	58	55	51	46	41	36	31	26		125
MN655 + DX8	5	30/22				77	72	68	63	57	51	45	39	32		125
MN655 + DX8	6	35/28	HEAD			93	87	82	76	69	62	54	47	40		125
MN655 + DX8	7	45/34				108	101	95	88	80	72	63	55	46		125
MN655 + DX8	8	50/37.5	IN			122	115	109	101	93	84	74	63	52		125
MN655 + DX8	9	62/46				138	130	123	114	104	95	92	72	60		125
MN655 + DX8	10	62/46	MTRS			153	144	136	126	116	105	103	80	66		125

MIXED FLOW			DISCHARGE IN lpm													
PUMP+MOTOR	STAGES	MOTOR	lpm	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	Del. Outlet
		HP/KW	m³/hr	60	66	72	78	84	90	96	102	108	114	120	126	mm
MN755 + DX8	2	15/11	TOTAL			37	35	33	31	28	25	22	20	16	12	125
MN755 + DX8	4	30/22				68	65	62	59	56	51	47	42	38	33	125
MN755 + DX8	5	35/26	HEAD			84	80	77	73	69	65	60	55	49	44	125
MN755 + DX8	6	45/34				99	95	91	87	82	77	72	66	60	54	125
MN755 + DX8	7	50/37.5	IN			114	110	106	101	96	90	84	78	71	64	125
Mn755 + DX8	8	62/46				129	125	120	115	110	104	97	90	82	74	125
MN755 + DX8	9	62/46	MTRS			145	140	135	130	124	116	109	101	93	85	125

MIXED FLOW			DISCHARGE IN lpm													
PUMP+MOTOR	STAGES	MOTOR	lpm	800	900	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	Del. Outlet
		HP/KW	m³/hr	48	54	60	66	72	78	84	90	96	102	108	114	mm
MN955 + DX8	3	25/18.5	TOTAL			57	56	53	51	47	44	39	35	31	26	125
MN955 + DX8	4	35/26	HEAD			76	74	71	67	63	58	53	48	41	34	125
MN955 + DX8	5	45/34	IN			95	92	89	84	79	73	66	59	51	42	125
MN955 + DX8	6	62/46	MTRS			114	111	107	100	94	87	79	70	61	50	125

MIXED FLOW			DISCHARGE IN lpm													
PUMP+MOTOR	STAGES	MOTOR	lpm	800	900	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	Del. Outlet
		HP/KW	m³/hr	48	54	60	66	72	78	84	90	96	102	108	114	mm
MN55 + DX8	2	20/15	TOTAL			44	43	42	40	39	38	36	34	32	30	125
MN55 + DX8	3	30/22	HEAD			64	62	60	58	55	53	50	47	44	40	125
MN55 + DX8	4	40/30				82	80	78	75	72	68	64	60	56	51	125
MN55 + DX8	5	50/37.5	IN			107	103.5	100	96	92	87	82	76	70	63	125
MN55 + DX8	6	62/46	MTRS			132	127	123	118	113	107	100	92	84	75	125



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MIXED FLOW			DISCHARGE IN lpm												
PUMP+MOTOR	STAGES	MOTOR	lpm	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	Del. Outlet
		HP/KW	m³/hr	96	108	120	132	144	156	168	180	192	204	216	mm
MN65 - m + DX8	2	20/15		31.5	30	38.5	26.5	24	22	19	16.5				125
MN65 - m + DX8	3	30/22	TOTAL	48.5	47	45	42	39	36	32	27				125
MN65 - m + DX8	4	40/30	IN	66	64	61	57	53	49	44	38				125
MN65 - m + DX8	5	50/37.5	MTRS	83	81	77	73	68	62	55	49				125
MN65 - m + DX8	6	62/46		100	98	93	88	82	76	68	60				125

MIXED FLOW			DISCHARGE IN lpm												
PUMP+MOTOR	STAGES	MOTOR	lpm	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	Del. Outlet
		HP/KW	m³/hr	96	108	120	132	144	156	168	180	192	204	216	mm
MN65 + DX8	2	25/18.5	TOTAL	36	34	33	31	29	27	24	21				125
MN65 + DX8	3	35/26	HEAD	54	52	50	45	44	40	36	32				125
MN65 + DX8	4	50/37.5	IN	71	69	67.5	65	62	57	51	44				125
MN65 + DX8	5	62/46	MTRS	87	84.5	82	79	74	69	63	55				125

Suitable for 250 mm Borewells

MIXED FLOW			DISCHARGE IN lpm												
PUMP+MOTOR	STAGES	MOTOR	lpm	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	Del. Outlet
		HP/KW	m³/hr	96	108	120	132	144	156	168	180	192	204	216	mm
J10A - m + DX8	2	25/18.5	TOTAL	44	41.5	38	34	30	24	18.5	13				150
J10A - m + DX8	3	40/30	HEAD	67.5	64	59	53	46	38	32					150
J10A - m + DX8	4	50/37.5	IN	91	87	80	72	62	52	40	26				150
J10A - m + DX8	5	62/46	MTRS	114	109	100	90	79	66	50	33				150

MIXED FLOW			DISCHARGE IN lpm												
PUMP+MOTOR	STAGES	MOTOR	lpm	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	Del. Outlet
		HP/KW	m³/hr	96	108	120	132	144	156	168	180	192	204	216	mm
J10A + DX8	1	15/11	TOTAL	25.5	25	23	20	19	16	13	10.5				150
J10A + DX8	2	30/22	HEAD IN	52	49.5	46	43	39	34	29	23				150
J10A + DX8	3	45/34	MTRS	78	75	70	65	59	52	44	34				150

MIXED FLOW			DISCHARGE IN lpm												
PUMP+MOTOR	STAGES	MOTOR	lpm	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	Del. Outlet
		HP/KW	m³/hr	96	108	120	132	144	156	168	180	192	204	216	mm
J10B + DX8	1	20/15	TOTAL			21.5	21	20	19.5	18.5	17.5	16	14.5	13	150
J10B + DX8	2	40/30	HEAD IN			43.5	42.5	41.5	40	38	36	33.5	31	28	150
J10B + DX8	3	62/46	MTRS			64	62.5	62	60.5	59	56	52	48	44	150