

PERFORMANCE CHART

DEEPWELL SUBMERSIBLE PUMPSETS

Suitable for 250 mm Borewells
Three Phase 380 Volts, 50 Hz, A.C. Supply



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 + DX11	9	62/46	TOTAL	148	144	142	137	130	122	113	104					100
MN645 + DX11	10	62/46		164	160	156	151	144	136	126	116					100
MN645 + DX11	11	75/56	HEAD	180	176	170	165	158	150	139	128					100
MN645 + DX11	12	75/56		196	192	184	179	172	164	152	140					100
MN645 + DX11	13	85/63.5	IN	212	208	198	193	186	178	165	152					100
MN645 + DX11	14	85/63.5	MTRS	228	224	212	207	200	192	178	164					100
MN645 + DX11	15	100/75		244	240	226	221	214	206	191	176					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														
MN745 + DX11	8	62/46		152	149	146	142	137	130	123	115	106	95	84		100
MN745 + DX11	9	75/56	TOTAL	170	167	163	158	153	146	138	129	118	106	94		100
MN745 + DX11	10	75/56	HEAD	188	185	181	175	169	161	153	142	130	117	104		100
MN745 + DX11	11	85/63.5		206	203	198	191	185	176	168	155	142	128	114		100
MN745 + DX11	12	85/63.5	IN	224	220	215	208	200	191	183	168	154	139	124		100
MN745 + DX11	13	100/75		242	238	232	223	216	206	198	182	166	150	134		100
MN745 + DX11	14	100/75	MTRS	260	256	250	239	232	221	213	195	178	161	144		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 + DX11	9	62/46	TOTAL			138	130	123	114	104	95	92	72	60		125
MN655 + DX11	10	62/46				153	144	136	126	116	105	103	80	66		125
MN655 + DX11	11	75/56	HEAD			168	158	149	138	128	116	114	88	72		125
MN655 + DX11	12	75/56				183	172	162	150	140	127	125	96	78		125
MN655 + DX11	13	85/63.5	IN			198	186	175	162	152	138	136	104	84		125
MN655 + DX11	14	85/63.5	MTRS			213	200	188	174	164	149	147	112	90		125
MN655 + DX11	15	100/75				228	214	201	186	176	160	158	120	96		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 + DX11	8	62/46	TOTAL			129	125	120	115	110	104	97	90	82	74	125
MN755 + DX11	9	62/46				145	140	135	130	124	116	109	101	93	85	125
MN755 + DX11	10	75/56	HEAD			161	155	150	143	137	130	122	113	105	96	125
MN755 + DX11	11	85/63.5				171	170	165	156	151	144	135	125	117	107	125
MN755 + DX11	12	85/63.5	IN			193	185	180	169	165	158	148	137	129	118	125
MN755 + DX11	13	100/75	MTRS			209	200	195	182	179	172	161	149	141	129	125
MN755 + DX11	14	100/75				225	215	210	195	192	186	174	161	153	140	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
MN955 + DX11	6	50/37.5	TOTAL			114	111	107	100	94	87	79	70	61	50	125
MN955 + DX11	7	62/46	HEAD			133	129	125	118	110	102	92	82	71	59	125
MN955 + DX11	8	75/56	IN			152	148	143	135	126	117	106	94	81	66	125
MN955 + DX11	9	85/63.5				171	166	160	152	143	132	119	106	91	74	125
MN955 + DX11	10	100/75	MTRS			190	185	177	169	159	148	134	119	103	84	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
MN55 + DX11	6	62/46	TOTAL			132	127	123	118	113	107	100	92	84	75	125
MN55 + DX11	7	75/56	HEAD			155	150	145	140	134	127	118	108	98	88	125
MN55 + DX11	8	85/63.5	IN			179	173	167	161	154	146	136	124	112	100	125
MN55 + DX11	9	100/75	MTRS			202	196	190	182	174	164	154	140	126	112	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 + DX11	5	50/37.5	TOTAL	83	81	77	73	68	62	55	49				125
MN65 - m + DX11	6	62/46		100	98	93	88	82	76	68	60				125
MN65 - m + DX11	7	75/56	HEAD	118	115	110	104	97	90	80	70				125
MN65 - m + DX11	8	85/63.5	IN	135	132	126	119	112	104	93	80				125
MN65 - m + DX11	9	100/75		153	149	142	135	126	117	105	91				125
MN65 - m + DX11	10	100/75	MTRS	170	166	159	150	141	131	118	102				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 + DX11	5	62/46	TOTAL	87	84.5	82	79	74	69	63	55				125
MN65 + DX11	6	75/56	HEAD	103	100	96	92	87	81	74	66				125
MN65 + DX11	7	85/63.5	IN	119	115	110	105	99	94	86	77				125
MN65 + DX11	8	100/75	MTRS	135	130	124.5	119	112	106	98	88				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
J10A - m + DX11	4	50/37.5	TOTAL	91	87	80	72	62	52	40	26				150
J10A - m + DX11	5	62/46	HEAD	114	109	100	90	79	66	50	33				150
J10A - m + DX11	6	75/56		139	132	122	110	96	80	61	40				150
J10A - m + DX11	7	85/63.5	IN	162	154	142	128	112	94	72	46				150
J10A - m + DX11	8	100/75	MTRS	184	172	162	147	130	108	82	52				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 + DX11	4	62/46	TOTAL	104	100	94	87	79	70	58	47				150
J10A + DX11	5	75/56	HEAD IN	130	125	119	110	99	86	73	59				150
J10A + DX11	6	100/75	MTRS	156	149	141	130	117	102	86	71				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 + DX11	3	62/46	TOTAL			64	62.5	62	60.5	59	56	52	48	44	150
J10B + DX11	4	75/56	HEAD IN			86	84.5	83.5	81	78	74	69	64	58	150
J10B + DX11	5	100/75	MTRS			108	106	104	101	98	93	87	80	72	150

