



**NESA PUMPS PVT LTD** [web:www.nesapumps.com](http://www.nesapumps.com)  
 C-1/24, GIDC Estate, Phase-2, Opp. Dipak Oil Mill, Naroda, GIDC,  
 Ahmedabad, Gujarat, India-382330

Borewell Size

200.0 mm  
 195.0 mm  
 186.0 mm

**PERFORMANCE TABLE**

**NV6 / 8 Submersible Pump-set (Janta Model)**

**Mixed Flow**

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					90	250	640	700	860	960	1100		
1	NM68-30	6	2	Total Head in Meters	35	34	31	28	21	11	1	DOL	2.5
2	NM68-30	10	3		53	51	46	42	32	16	2	S/D	4
3	NM68-30	12.5	4		72	69	63	56	42	22	3	S/D	4
4	NM68-30	15	5		88	85	77	70	52	28	4	S/D	4
5	NM68-30	17.5	6		107	102	92	84	63	35	5	S/D	6
6	NM68-30	20	7		125	120	106	96	72	40	6	S/D	6
7	NM68-30	25	8		143	137	123	112	84	44	7	S/D	10

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					160	430	760	880	1070	1370	1600		
1	NM68-40	7.5	2	Total Head in Meters	39	35	31	28	21	11	1	DOL / SD	2.5 / 2.5
2	NM68-40	12.5	3		59	53	46	42	32	17	2	S/D	4
3	NM68-40	15	4		78	70	62	56	42	22	3	S/D	4
4	NM68-40	20	5		98	87	77	70	53	28	4	S/D	6
5	NM68-40	25	6		118	105	92	84	63	35	5	S/D	10

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					210	510	1000	1180	1380	1670	1930		
1	NM68-50	5	1	Total Head in Meters	18	17	16	14	11	6	4	DOL	2.5
2	NM68-50	10	2		37	35	31	28	21	11	5	S/D	4
3	NM68-50	15	3		55	53	46	42	32	17	8	S/D	4
4	NM68-50	20	4		74	70	62	56	42	22	10	S/D	6
5	NM68-50	25	5		93	87	77	70	53	28	13	S/D	10

**Mixed Flow**

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					270	900	1220	1330	1540	1820	2040		
1	NM68-60	6	1	Total Head in Meters	20	18	16	14	11	6	1	S/D	2.5
2	NM68-60	12.5	2		40	35	31	28	21	11	2	S/D	4
3	NM68-60	17.5	3		60	53	46	42	32	17	3	S/D	6
4	NM68-60	25	4		80	70	62	56	42	22	4	S/D	10

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					70	320	1280	1500	1760	2030	2250		
1	NM68-70	7.5	1	Total Head in Meters	21	20	18	16	12	6	1	DOL / SD	2.5 / 2.5
2	NM68-70	15	2		42	40	36	32	24	12	2	S/D	4
3	NM68-70	20	3		63	60	54	48	36	18	3	S/D	6

Sr. No.	Pump Type	HP.	Stage	Delivery Size 125 mm (5")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					80	440	1480	1660	1930	2230	2440		
1	NM68-80	7.5	1	Total Head in Meters	21	20	18	16	12	6	1	DOL / SD	2.5 / 2.5
2	NM68-80	15	2		42	40	36	32	24	12	2	S/D	4
3	NM68-80	25	3		63	60	54	48	36	18	3	S/D	10

Sr. No.	Pump Type	HP.	Stage	Delivery Size 125 mm (5")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					250	920	1600	1820	2050	2250	2550		
1	NM68-90	10	1	Total Head in Meters	22	20	16	16	12	6	1	S/D	4
2	NM68-90	20	2		44	40	32	32	24	12	2	S/D	6



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 CM/L-3520146





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Borewell Size	200.0 mm
Pump O.D.	195.0 mm
Motor O.D.	186.0 mm

**PERFORMANCE TABLE**

**NV6 / 8 Submersible Pump-set (Janta Model)**

**Mixed Flow**

Sr. No.	Pump Type	HP.	Stage	Delivery Size 125 mm (5")	Performance Values						Method of Starting	Recom. Cable in sq. mm	
					Discharge in L.P.M.								
					390	1060	1740	1960	2190	2390			2640
1	NM68-100	10	1	Total Head	22	20	18	16	12	6	1	S/D	4
2	NM68-100	20	2	in Meters	44	40	36	32	24	12	2	S/D	6

Sr. No.	Pump Type	HP.	Stage	Delivery Size 125 mm (5")	Performance Values						Method of Starting	Recom. Cable in sq. mm	
					Discharge in L.P.M.								
					490	1160	1840	2060	2290	2490			2740
1	NM68-120	12.5	1	Total Head	22	20	18	16	12	6	1	S/D	4
2	NM68-120	25	2	in Meters	44	40	36	32	24	12	2	S/D	10

Borewell Size	200.0 mm
Pump O.D.	195.0 mm
Motor O.D.	186.0 mm

**NV8 Submersible Pump-set**

**Mixed Flow**

Sr. No.	Pump Type	HP.	Stage	Delivery Size 75 mm (3")	Performance Values						Method of Starting	Recom. Cable in sq. mm	
					Discharge in L.P.M.								
					90	250	640	700	860	960			1100
1	NM8-30	10	3	Total Head in Meters	53	51	46	42	32	16	2	S/D	4
2	NM8-30	12.5	4		72	69	63	56	42	22	3	S/D	4
3	NM8-30	15	5		88	85	77	70	52	28	4	S/D	4
4	NM8-30	17.5	6		107	102	92	84	63	35	5	S/D	6
5	NM8-30	20	7		125	120	106	96	72	40	6	S/D	6
6	NM8-30	25	8		143	137	123	112	84	44	7	S/D	10
7	NM8-30	30	10		178	171	151	137	103	55	8	S/D	10
8	NM8-30	36	12		213	205	180	164	123	66	10	A.T.S.	16
9	NM8-30	40	13		231	222	198	180	135	72	11	A.T.S.	16
10	NM8-30	45	14		249	239	206	196	147	77	12	A.T.S.	25
11	NM8-30	45	15		267	256	229	208	156	83	13	A.T.S.	25

Sr. No.	Pump Type	HP.	Stage	Delivery Size 75 mm (3")	Performance Values						Method of Starting	Recom. Cable in sq. mm	
					Discharge in L.P.M.								
					160	430	760	880	1070	1370			1600
1	NM8-40	7.5	2	Total Head in Meters	39	35	31	28	21	11	1	DOL / SD	4 / 4
2	NM8-40	12.5	3		53	53	46	42	32	17	2	S/D	4
3	NM8-40	15	4		78	70	62	56	42	22	3	S/D	4
4	NM8-40	20	5		98	87	77	70	53	28	4	S/D	6
5	NM8-40	25	6		118	105	92	84	63	34	5	S/D	6
6	NM8-40	30	7		137	122	108	98	74	39	6	S/D	10
7	NM8-40	30	8		157	140	123	112	84	45	7	S/D	10
8	NM8-40	36	9		176	157	139	126	94	50	8	A.T.S.	16
9	NM8-40	40	10		196	175	154	140	105	56	9	A.T.S.	16
10	NM8-40	45	12		236	230	185	168	126	68	10	A.T.S.	25

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values						Method of Starting	Recom. Cable in sq. mm	
					Discharge in L.P.M.								
					210	510	1000	1180	1380	1670			1930
1	NM8-50	10	2	Total Head in Meters	37	35	31	28	21	11	5	S/D	4
2	NM8-50	15	3		55	53	46	42	32	17	8	S/D	4
3	NM8-50	20	4		74	70	62	56	42	22	10	S/D	6
4	NM8-50	25	5		93	87	77	70	53	28	13	S/D	6
5	NM8-50	30	6		111	105	92	84	63	34	15	S/D	10
6	NM8-50	36	7		129	122	108	98	74	39	18	A.T.S.	16
7	NM8-50	40	8		148	140	123	112	84	45	20	A.T.S.	16
8	NM8-50	45	9		166	157	139	126	94	50	23	A.T.S.	25
9	NM8-50	50	10		196	175	154	140	105	56	25	A.T.S.	25





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Borewell Size	200.0 mm
Pump O.D.	195.0 mm
Motor O.D.	186.0 mm

**PERFORMANCE TABLE**

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					270	900	1220	1330	1540	1820	2040		
1	NM8-60	12.5	2	Total Head in Meters	40	35	31	28	21	11	1	S/D	4
2	NM8-60	17.5	3		60	53	46	42	32	17	2	S/D	6
3	NM8-60	25	4		80	70	62	56	42	22	3	S/D	6
4	NM8-60	30	5		99	87	77	70	53	28	4	S/D	10
5	NM8-60	36	6		119	105	92	84	63	34	5	A.T.S.	16
6	NM8-60	42	7		139	122	108	98	74	39	6	A.T.S.	25
7	NM8-60	50	8		148	140	123	112	84	45	7	A.T.S.	25

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					70	320	1280	1500	1760	2030	2250		
1	NM8-70	15	2	Total Head in Meters	40	39	34	31	23	12	2	S/D	4
2	NM8-70	20	3		61	59	52	47	35	19	3	S/D	6
3	NM8-70	30	4		82	79	69	63	47	25	4	S/D	10
4	NM8-70	36	5		101	98	96	78	58	31	5	A.T.S.	16
5	NM8-70	42	6		122	117	103	94	70	38	6	A.T.S.	25
6	NM8-70	50	7		140	136	120	126	94	44	7	A.T.S.	25

Sr. No.	Pump Type	HP.	Stage	Delivery Size 125 mm (5")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					80	220	1280	1660	1930	2230	2440		
1	NM8-80	15	2	Total Head in Meters	40	39	34	31	23	12	2	S/D	4
2	NM8-80	25	3		61	59	52	47	35	19	3	S/D	6
3	NM8-80	31	4		82	79	69	63	47	25	4	S/D	10
4	NM8-80	42	5		101	98	86	78	58	31	5	A.T.S.	25
5	NM8-80	50	6		122	117	103	94	70	38	6	A.T.S.	25

Sr. No.	Pump Type	HP.	Stage	Delivery Size 125 mm (5")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					250	920	1600	1820	2050	2250	2550		
1	NM8-90	17.5	2	Total Head in Meters	42	39	34	31	23	12	2	S/D	6
2	NM8-90	30	3		64	59	52	47	35	19	3	S/D	10
3	NM8-90	36	4		85	79	69	63	47	25	4	A.T.S.	16
4	NM8-90	45	5		106	98	86	78	58	31	5	A.T.S.	25

Sr. No.	Pump Type	HP.	Stage	Delivery Size 125 mm (5")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					350	1020	1700	1940	2150	2350	2650		
1	NM8-100	20	2	Total Head in Meters	42	40	35	32	23	12	2	S/D	6
2	NM8-100	30	3		64	60	52	48	35	19	3	S/D	10
3	NM8-100	40	4		85	80	70	64	47	25	4	A.T.S.	16
4	NM8-100	50	4		106	100	88	80	58	31	5	A.T.S.	25

Sr. No.	Pump Type	HP.	Stage	Delivery Size 125 mm (5")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					1000	1910	2250	2470	2710	2840	2940		
1	NM8-120	25	2	Total Head in Meters	40	35	32	29	24	20	2	S/D	6
2	NM8-120	36	3		60	52	48	44	36	30	3	A.T.S.	16
3	NM8-120	50	4		80	70	64	58	48	40	4	A.T.S.	25



Excluding Design

QM 003

CM/L-3520146

CM/L-7200013483

**PERFORMANCE TABLE**

**NV8 Submersible pump-Set**

**Radial Flow**

Sr. No.	Pump Type	HP.	Stage	Delivery Size 75 mm (3")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					80	200	360	420	470	540	700		
1	NRK-20	15	7	Total Head in Meters	136	123	108	98	88	74	35	S / D	4
2	NRK-20	15	8		154	140	123	112	100	84	40	S / D	4
3	NRK-20	20	10		195	175	154	140	126	105	50	S / D	6
4	NRK-20	25	12		235	210	185	168	151	126	60	S / D	6
5	NRK-20	30	14		275	245	216	196	176	147	70	S / D	10
6	NRK-20	30	15		295	263	231	210	189	158	75	S / D	10

Sr. No.	Pump Type	HP.	Stage	Delivery Size 75 mm (3")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					120	300	490	540	600	730	840		
1	NRK-25	15	6	Total Head in Meters	116	105	92	84	76	63	30	S / D	4
2	NRK-25	17.5	7		136	123	108	98	88	74	35	S / D	4
3	NRK-25	20	8		154	140	123	112	100	84	40	S / D	6
4	NRK-25	25	10		195	175	154	140	126	105	50	S / D	6
5	NRK-25	30	12		235	210	185	168	151	126	60	S / D	10
6	NRK-25	32	13		275	245	216	196	176	158	70	S / D	16
7	NRK-25	36	14		295	263	231	210	189	147	75	A.T.S.	25

Sr. No.	Pump Type	HP.	Stage	Delivery Size 75 mm (3")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					180	360	540	650	720	840	1000		
1	NRK-30	15	5	Total Head in Meters	98	87	77	70	63	52	25	S / D	4
2	NRK-30	17.5	6		116	105	92	84	76	63	30	S / D	4
3	NRK-30	20	7		136	123	108	98	88	74	35	S / D	6
4	NRK-30	25	8		154	140	123	112	100	84	40	S / D	6
5	NRK-30	30	10		195	175	154	140	126	105	50	S / D	10
6	NRK-30	36	12		235	210	195	168	151	126	60	S / D	16
7	NRK-30	42	14		275	245	216	196	176	147	70	A.T.S.	16
8	NRK-30	45	14		295	263	231	210	189	158	75	A.T.S.	16

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					240	450	700	810	900	1050	1200		
1	NRK-40	15	4	Total Head in Meters	78	70	62	56	50	42	20	S / D	4
2	NRK-40	20	5		98	87	77	70	63	52	25	S / D	4
3	NRK-40	25	6		116	105	92	84	76	63	30	S / D	6
4	NRK-40	30	7		136	123	108	98	88	74	35	S / D	6
5	NRK-40	30	8		154	140	123	112	100	84	40	S / D	10
6	NRK-40	36	9		175	158	139	126	113	94	45	A.T.S.	16
7	NRK-40	40	10		195	175	154	140	126	105	50	A.T.S.	16
8	NRK-40	50	12		235	210	185	168	151	126	60	A.T.S.	25

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					210	510	1000	1180	1380	1670	1930		
1	NRK-50	10	2	Total Head in Meters	37	35	31	28	21	11	5	S / D	2.5
2	NRK-50	15	3		55	53	46	42	32	17	8	S / D	4
3	NRK-50	20	4		74	70	62	56	42	22	10	S / D	4
4	NRK-50	25	5		93	87	77	70	53	28	13	S / D	6
5	NRK-50	30	6		111	105	92	84	63	34	15	S / D	10
6	NRK-50	36	7		129	122	108	98	74	39	18	A.T.S.	16
7	NRK-50	40	8		148	140	123	112	84	45	20	A.T.S.	25
8	NRK-50	45	9		166	157	139	126	94	50	23	A.T.S.	25
9	NRK-50	50	10		196	175	154	140	105	56	25	A.T.S.	35