



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	150.0 mm
pump O.D.	147.0mm
Motor O.D.	142.0 mm

PERFORMANCE TABLE

HIGH HEAD (50 FT/STG) S.S. 304 MOULDED BOWL & 410 S.S. IMP. PUMPSET

NRH - 50

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values								Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.									
					0	60	125	130	140	155	175	245		
1	NRH6-50	3	6	Total Head in Meters	93	84	78	72	66	60	48	2	DOL	2.5
2	NRH6-50	4	8		124	112	104	96	88	80	64	3	DOL	2.5
3	NRH6-50	5	10		155	140	130	120	110	100	80	4	DOL	2.5
4	NRH6-50	6	12		186	168	156	144	132	120	96	5	DOL	2.5
5	NRH6-50	7.5	15		233	210	195	180	165	150	120	6	DOL/S/D	2.5/4
6	NRH6-50	10	20		310	280	260	240	220	200	160	8	S/D	4
7	NRH6-50	12.5	25		393	350	325	300	275	250	200	10	S/D	4
8	NRH6-50	15	30		473	420	390	360	330	300	240	12	S/D	4

NRH - 60

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values								Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.									
					0	90	130	145	165	180	210	275		
1	NRH6-60	3	5	Total Head in Meters	77.5	70	65	60	55	50	40	2	DOL	2.5
2	NRH6-60	4	6		93	84	78	72	66	60	48	2	DOL	2.5
3	NRH6-60	5	8		124	112	104	96	88	80	64	3	DOL	2.5
4	NRH6-60	6	10		155	140	130	120	110	100	80	4	DOL	2.5
5	NRH6-60	7.5	12		186	168	156	144	132	120	96	5	DOL/S/D	2.5/4
6	NRH6-60	10	16		248	224	208	192	176	160	128	6	S/D	4
7	NRH6-60	12.5	20		310	280	260	240	220	200	160	8	S/D	4
8	NRH6-60	15	24		372	336	312	288	264	240	192	10	S/D	4
9	NRH6-60	17.5	26		403	364	340	312	286	260	208	10	S/D	6

NRH - 80

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values								Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.									
					0	120	175	195	225	245	275	357		
1	NRH6-80	3	4	Total Head in Meters	62	56	52	48	44	40	32	2	DOL	2.5
2	NRH6-80	4	5		77.5	70	65	60	55	50	40	2	DOL	2.5
3	NRH6-80	5	6		93	84	78	72	66	60	48	2	DOL	2.5
4	NRH6-80	6	8		124	112	104	96	88	80	64	3	DOL	2.5
5	NRH6-80	7.5	10		155	140	130	120	110	100	80	4	DOL/S/D	2.5/4
6	NRH6-80	10	12		186	168	156	144	132	120	96	5	S/D	2.5
7	NRH6-80	12.5	14		217	196	182	168	154	140	112	5	S/D	4
8	NRH6-80	12.5	15		233	210	195	180	165	150	120	6	S/D	4
9	NRH6-80	15	18		281	252	234	216	198	180	144	7	S/D	4
10	NRH6-80	17.5	21		329	294	273	252	231	210	168	8	S/D	6
11	NRH6-80	20	25		393	350	325	300	275	250	200	10	S/D	6
12	NRH6-80	25	30		473	420	390	360	330	300	240	12	S/D	10

NRH - 100

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values								Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.									
					0	180	220	255	285	305	350	435		
1	NRH6-100	3	3	Total Head in Meters	46.5	42	39	36	33	30	24	2	DOL	2.5
2	NRH6-100	4	4		62	56	52	48	44	40	32	2	DOL	2.5
3	NRH6-100	5	5		77.5	70	65	60	55	50	40	2	DOL	2.5
4	NRH6-100	6	6		93	84	78	72	66	60	48	2	DOL	2.5
5	NRH6-100	7.5	7		110	98	91	84	77	70	56	3	DOL/S/D	2.5/4
6	NRH6-100	7.5	8		124	112	104	96	88	80	64	3	DOL/S/D	2.5/4
7	NRH6-100	10	10		155	140	130	120	110	100	80	4	S/D	4
8	NRH6-100	12.5	12		186	168	156	144	132	120	96	5	S/D	4
9	NRH6-100	15	15		233	210	195	180	165	150	120	6	S/D	4
10	NRH6-100	17.5	18		279	252	234	216	198	180	144	7	S/D	6
11	NRH6-100	20	20		310	280	260	240	220	200	160	8	S/D	6
12	NRH6-100	25	25		388	350	325	300	275	250	200	10	S/D	10
13	NRH6-100	30	30		465	420	390	360	330	300	240	12	S/D	10



IS : 8034
CM/L-3520146

IS 9283 : 2013
CM/L-7200013483



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Borewell Size	150.0 mm
pump O.D.	147.0 mm
Motor O.D.	142.0 mm

PERFORMANCE TABLE

HIGH HEAD (50 FT/STG) S.S. 304 MOULDED BOWL & 410 S.S. IMP. PUMPSET

NRH - 125

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 65 mm (2.5")	Performance Values								Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.									
					0	225	310	340	390	440	490	620		
1	NRH6-125	4	3	Total Head in Meters	46.5	42	39	36	33	30	24	2	DOL	2.5
2	NRH6-125	5	4		62	56	52	48	44	40	32	2	DOL	2.5
3	NRH6-125	6	5		77.5	70	65	60	55	50	40	2	DOL	2.5
4	NRH6-125	7.5	6		93	84	78	72	66	60	48	2	DOL / S / D	2.5
5	NRH6-125	7.5	7		109	98	91	84	77	70	56	3	DOL / S / D	2.5
6	NRH6-125	10	8		124	112	104	96	88	80	64	3	S / D	4
7	NRH6-125	12.5	10		155	140	130	120	110	100	80	4	S / D	4
8	NRH6-125	15	12		186	168	156	144	132	120	96	5	S / D	4
9	NRH6-125	17.5	14		217	196	182	168	154	140	112	5	S / D	6
10	NRH6-125	17.5	15		233	210	195	180	165	150	120	5	S / D	6
11	NRH6-125	20	16		248	224	208	192	176	160	128	6	S / D	6
12	NRH6-125	20	18		278	252	234	216	198	180	144	7	S / D	6
13	NRH6-125	25	20		310	280	260	240	220	200	160	8	S / D	10
14	NRH6-125	30	25		388	350	325	300	275	250	200	10	S / D	10

NRH - 150

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 65 mm (2.5")	Performance Values								Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.									
					0	250	325	380	423	457	525	650		
1	NRH6-150	5	3	Total Head in Meters	46.5	42	39	36	33	30	24	2	DOL	2.5
2	NRH6-150	6	4		62	56	52	48	44	40	32	2	DOL	2.5
3	NRH6-150	7.5	5		77.5	70	65	60	55	50	40	2	DOL / S / D	2.5
4	NRH6-150	10	6		93	84	78	72	66	60	48	2	S / D	4
5	NRH6-150	12.5	8		124	112	104	96	88	80	64	3	S / D	4
6	NRH6-150	15	10		154	140	130	120	110	100	80	4	S / D	4
7	NRH6-150	17.5	12		184	168	156	144	132	120	96	5	S / D	6
8	NRH6-150	17.5	13		199	182	169	156	143	130	104	5	S / D	6
9	NRH6-150	20	14		214	196	182	168	154	140	112	5	S / D	6
10	NRH6-150	25	16		244	224	208	192	176	160	128	6	S / D	10
11	NRH6-150	25	18		274	252	234	216	198	180	144	7	S / D	10

NRH - 200

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 65 mm (2.5")	Performance Values								Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.									
					0	420	456	520	546	580	635	775		
1	NRH6-200	6	3	Total Head in Meters	47	42	39	36	33	30	24	2	DOL	2.5
2	NRH6-200	7.5	4		62	56	52	48	44	40	32	2	DOL / S / D	2.5 / 4
3	NRH6-200	10	5		78	70	65	60	55	50	40	2	S / D	4
4	NRH6-200	12.5	6		93	84	78	72	66	60	48	2	S / D	4
5	NRH6-200	15	8		124	112	104	96	88	80	64	3	S / D	4
6	NRH6-200	17.5	9		139	126	117	108	99	90	72	4	S / D	6
7	NRH6-200	20	10		154	140	130	120	110	100	80	4	S / D	6
8	NRH6-200	25	12		184	168	156	144	132	120	96	5	S / D	10
9	NRH6-200	30	15		233	210	195	180	165	150	120	6	S / D	10



CM/L-3520146



CM/L-7200013483



PERFORMANCE TABLE

S.S. MOULDED IMPELLERS & ALU. DIE CAST ROTOR

NRS - 30

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					75	80	92	115	155	190	240		
1	NRS6-30	3	10	Total Head in Meters	82	81	77	70	53	35	4	DOL	2.5
2	NRS6-30	4	12		98	97	92	84	63	42	4	DOL	2.5
3	NRS6-30	5	15		123	121	116	105	79	53	6	DOL	2.5
4	NRS6-30	6	18		147	145	139	126	95	63	7	DOL	2.5
5	NRS6-30	6	20		164	161	154	140	105	70	9	DOL	2.5
9	NRS6-30	7.5	25		205	201	193	175	131	88	11	DOL / SD	2.5 / 2.5

NRS - 40

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					40	85	115	150	205	230	290		
1	NRS6-40	3	6	Total Head in Meters	52	50	46	42	32	21	3	DOL	2.5
2	NRS6-40	3	7		60	58	54	49	37	25	4	DOL	2.5
3	NRS6-40	3	8		69	67	62	56	42	28	4	DOL	2.5
4	NRS6-40	4	10		86	83	77	70	53	35	5	DOL	2.5
5	NRS6-40	5	12		103	100	92	84	63	42	6	DOL	2.5
6	NRS6-40	6	14		121	117	108	98	74	49	7	DOL	2.5
7	NRS6-40	6	15		129	125	116	105	79	53	8	DOL	2.5
8	NRS6-40	7.5	18		155	150	139	126	95	63	9	DOL / SD	4.0 / 2.5
9	NRS6-40	7.5	20		172	167	154	140	105	70	10	DOL / SD	4.0 / 2.5

NRS - 50

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					65	155	175	185	225	260	305		
1	NRS6-50	3	5	Total Head in Meters	45	44	39	35	26	18	2	DOL	2.5
2	NRS6-50	3	6		54	6	46	42	32	21	2	DOL	2.5
3	NRS6-50	4	7		63	61	54	49	37	25	3	DOL	2.5
4	NRS6-50	4	8		72	70	62	56	42	28	3	DOL	2.5
5	NRS6-50	5	10		90	88	77	70	53	35	4	DOL	2.5
6	NRS6-50	6	12		108	105	92	84	63	42	5	DOL	2.5
7	NRS6-50	7.5	14		126	123	108	98	74	49	5	DOL / SD	4.0 / 2.5
8	NRS6-50	7.5	15		135	131	116	105	79	53	6	DOL / SD	4.0 / 2.5
9	NRS6-50	7.5	16		149	140	123	112	84	56	6	DOL / SD	4.0 / 2.5

NRS - 60

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					75	165	210	245	285	310	360		
1	NRS6-60	3	5	Total Head in Meters	46	44	39	35	26	18	2	DOL	2.5
2	NRS6-60	4	6		56	53	46	42	32	21	2	DOL	2.5
3	NRS6-60	4	7		65	61	54	49	37	25	3	DOL	2.5
4	NRS6-60	5	8		74	70	62	56	42	28	3	DOL	2.5
5	NRS6-60	6	10		93	88	77	70	53	35	4	DOL	2.5
6	NRS6-60	7.5	12		112	105	92	84	63	42	5	DOL / SD	4.0 / 2.5

NRS - 80

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					55	120	255	300	375	430	510		
1	NRS6-80	3	4	Total Head in Meters	39	36	32	28	21	14	2.5	DOL	2.5
2	NRS6-80	4	5		49	48	44	40	36	24	4	DOL	2.5
3	NRS6-80	5	6		59	58	53	48	36	24	5	DOL	2.5
4	NRS6-80	6	7		69	67	62	56	42	28	6	DOL	2.5
5	NRS6-80	6	8		75	70	72	64	56	32	7	DOL	2.5
6	NRS6-80	7.5	10		98	96	88	80	60	40	10	DOL / SD	4.0 / 2.5

NRS - 100

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					140	270	330	350	400	435	470		
1	NRS6-100	3	3	Total Head in Meters	32	30	26	24	18	12	2	DOL	2.5
2	NRS6-100	4	4		42	40	35	32	24	16	2	DOL	2.5
3	NRS6-100	5	5		53	50	44	40	30	20	3	DOL	2.5
4	NRS6-100	6	6		61	60	53	48	35	24	4	DOL	2.5
5	NRS6-100	7.5	7		74	70	62	56	42	28	4	DOL / SD	4.0 / 2.5
6	NRS6-100	7.5	8		85	80	70	64	56	32	5	DOL / SD	4.0 / 2.5



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Borewell Size	150.0 mm
Pump O.D.	142.0 mm
Motor O.D.	142.0 mm

PERFORMANCE TABLE

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					45	80	92	115	155	190	240		
1	NR6-30	3	8	Total Head in Meters	66	64	62	56	42	28	3	DOL	2.5
2	NR6-30	3	10		82	81	77	70	53	35	4	DOL	2.5
3	NR6-30	4	12		98	97	92	84	63	42	4	DOL	2.5
4	NR6-30	4	13		106	105	100	91	68	46	5	DOL	2.5
5	NR6-30	4	14		115	113	108	98	74	49	5	DOL	2.5
6	NR6-30	5	15		123	121	116	105	79	53	6	DOL	2.5
7	NR6-30	5	16		131	129	123	112	84	56	6	DOL	2.5
8	NR6-30	5	17		139	137	131	119	89	60	6	DOL	2.5
9	NR6-30	6	18		147	145	139	126	95	63	7	DOL	2.5
10	NR6-30	6	20		164	161	154	140	105	70	9	DOL	2.5
11	NR6-30	7.5	24		197	193	185	168	126	64	10	DOL / SD	4.0 / 2.5
12	NR6-30	7.5	25		205	201	193	175	131	88	11	DOL / SD	4.0 / 2.5
13	NR6-30	7.5	26		213	209	200	182	137	91	11	DOL / SD	4.0 / 2.5
14	NR6-30	10	28		229	225	216	196	147	98	12	S / D	4
15	NR6-30	10	30		246	242	231	210	158	105	13	S / D	4
16	NR6-30	10	32		262	258	246	224	168	112	14	S / D	4

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					55	85	115	150	205	230	290		
1	NR6-40	3	6	Total Head in Meters	52	50	46	42	32	21	3	DOL	2.5
2	NR6-40	3	7		60	58	54	49	37	25	4	DOL	2.5
3	NR6-40	3	8		69	67	62	56	42	28	4	DOL	2.5
4	NR6-40	4	10		86	83	77	70	53	35	5	DOL	2.5
5	NR6-40	5	12		103	100	92	84	63	42	6	DOL	2.5
6	NR6-40	6	14		121	117	108	98	74	49	7	DOL	2.5
7	NR6-40	6	15		129	125	116	105	79	53	8	DOL	2.5
8	NR6-40	7.5	18		155	150	139	126	95	63	9	DOL / SD	4.0 / 2.5
9	NR6-40	7.5	20		172	167	154	140	105	70	10	DOL / SD	4.0 / 2.5
10	NR6-40	10	22		189	185	139	154	116	77	13	S / D	4
11	NR6-40	10	24		207	202	185	168	126	84	14	S / D	4
12	NR6-40	10	25		215	210	193	175	131	88	15	S / D	4
13	NR6-40	12.5	28		241	235	216	196	147	98	17	S / D	4
14	NR6-40	12.5	30		258	252	231	210	158	105	18	S / D	4

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					65	155	175	185	225	260	305		
1	NR6-50	3	5	Total Head in Meters	45	44	39	35	26	18	2	DOL	2.5
2	NR6-50	3	6		54	53	46	42	32	21	2	DOL	2.5
3	NR6-50	4	7		63	61	54	49	37	25	3	DOL	2.5
4	NR6-50	4	8		72	70	62	56	42	28	3	DOL	2.5
5	NR6-50	5	10		90	88	77	70	53	35	4	DOL	2.5
6	NR6-50	6	12		108	105	92	84	63	42	5	DOL	2.5
7	NR6-50	7.5	14		126	123	108	98	74	49	5	DOL / SD	4.0 / 2.5
8	NR6-50	7.5	15		135	131	116	105	79	53	6	DOL / SD	4.0 / 2.5
9	NR6-50	7.5	16		149	140	123	112	84	56	6	DOL / SD	4.0 / 2.5
10	NR6-50	10	18		162	158	139	126	95	63	7	S / D	2.5
11	NR6-50	10	20		180	175	154	140	105	70	8	S / D	2.5
12	NR6-50	12.5	24		216	210	185	168	126	84	10	S / D	4
13	NR6-50	12.5	25		225	219	193	175	131	88	10	S / D	4
14	NR6-50	12.5	26		234	228	200	182	137	91	10	S / D	4
15	NR6-50	15	28		252	245	216	196	147	98	11	S / D	4
16	NR6-50	15	30		270	263	231	210	158	105	12	S / D	4



CM/L-3620146

IS 9283 : 2013



CM/L-7200013483



Borewell Size	150.0 mm
Pump O.D.	142.0 mm
Motor O.D.	142.0 mm

PERFORMANCE TABLE

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					75	165	210	245	285	310	360		
1	NR6-60	3	5	Total Head in Meters	46	44	39	35	26	18	2	DOL	2.5
2	NR6-60	4	6		56	53	46	42	32	21	2	DOL	2.5
3	NR6-60	4	7		65	61	54	49	37	25	3	DOL	2.5
4	NR6-60	5	8		74	70	62	56	42	28	3	DOL	2.5
5	NR6-60	6	10		93	88	77	70	53	35	4	DOL	2.5
6	NR6-60	7.5	12		112	105	92	84	63	42	5	DOL / SD	4.0 / 2.5
7	NR6-60	10	15		140	131	116	105	79	53	6	S / D	4
8	NR6-60	10	16		149	140	123	112	84	56	6	S / D	4
9	NR6-60	12.5	18		168	158	139	126	95	63	8	S / D	4
10	NR6-60	12.5	20		186	175	154	140	105	70	8	S / D	4
11	NR6-60	15	22		205	193	169	154	116	77	9	S / D	4
12	NR6-60	15	24		225	210	185	168	126	84	10	S / D	4
13	NR6-60	15	25		233	219	193	175	131	88	10	S / D	4
14	NR6-60	15	26		243	228	200	182	137	91	10	S / D	4
15	NR6-60	17.5	28		261	245	216	196	147	98	11	S / D	6
16	NR6-60	17.5	30		280	263	231	210	158	105	12	S / D	6
17	NR6-60	20	32		299	280	246	224	168	112	18	S / D	6

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					80	175	265	295	335	375	420		
1	NR6-70	3	4	Total Head in Meters	37	35	31	28	21	14	2.5	DOL	2.5
2	NR6-70	4	5		47	44	39	35	26	18	3	DOL	2.5
3	NR6-70	4	6		56	53	46	42	32	21	4	DOL	2.5
4	NR6-70	5	7		66	61	54	49	37	25	5	DOL	2.5
5	NR6-70	6	8		75	70	62	56	42	28	5	DOL	2.5
6	NR6-70	7.5	10		94	88	77	70	53	35	6	DOL / SD	4.0 / 2.5
7	NR6-70	10	12		113	106	93	84	63	42	7	S / D	4
8	NR6-70	10	14		131	123	108	98	74	49	9	S / D	4
9	NR6-70	10	15		141	131	116	105	79	53	9	S / D	4
10	NR6-70	12.5	18		169	158	139	126	95	63	11	S / D	4
11	NR6-70	15	20		188	175	154	140	105	70	13	S / D	4
12	NR6-70	15	22		205	193	169	154	116	77	14	S / D	4
13	NR6-70	17.5	24		223	210	185	168	126	84	16	S / D	6
14	NR6-70	17.5	25		234	219	193	175	131	88	16	S / D	6
15	NR6-70	20	26		242	228	200	182	137	91	17	S / D	6
16	NR6-70	20	28		261	245	216	196	147	98	18	S / D	6
17	NR6-70	22.5	32		299	280	246	224	168	112	18	S / D	6

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values							Method of Starting	Recom. Cable in sq. mm
					Discharge in L.P.M.								
					55	120	255	300	375	430	510		
1	NR6-80	4	5	Total Head in Meters	49	48	44	40	30	20	3	DOL	2.5
2	NR6-80	5	6		59	58	53	48	36	24	4	DOL	2.5
3	NR6-80	6	7		69	67	62	56	42	28	4	DOL	2.5
4	NR6-80	7.5	8		88	86	79	72	54	36	5	DOL / SD	4.0 / 2.5
5	NR6-80	7.5	10		98	96	88	80	60	40	6	DOL / SD	4.0 / 2.5
6	NR6-80	10	12		118	115	106	96	72	48	7	S / D	4
7	NR6-80	12.5	14		138	134	123	112	84	56	8	S / D	4
8	NR6-80	12.5	15		147	144	132	120	90	60	9	S / D	4
9	NR6-80	12.5	16		157	154	140	128	96	66	9	S / D	4
10	NR6-80	15	18		177	173	158	144	108	72	11	S / D	4
11	NR6-80	17.5	20		197	192	176	160	120	80	12	S / D	6
12	NR6-80	17.5	22		216	211	194	176	132	88	13	S / D	6
13	NR6-80	20	24		236	230	211	192	144	96	14	S / D	6
14	NR6-80	20	25		246	240	220	200	150	100	15	S / D	6
15	NR6-80	22.5	28		275	269	246	224	168	112	16	S / D	6
16	NR6-80	25	30		295	288	264	240	180	120	18	S / D	10





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 Ahmedabad, Gujarat, India-382330

Borewell Size	150.0 mm
Pump O.D.	142.0 mm
Motor O.D.	142.0 mm

PERFORMANCE TABLE

Radial Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 50 mm (2")	Performance Values						Method of Starting	Recom. Cable in sq. mm	
					Discharge in L.P.M.								
					140	270	330	350	400	435			470
1	NR6-100	3	3	Total Head in Meters	32	30	36	24	18	12	2	DOL	2.5
2	NR6-100	4	4		42	40	35	32	24	16	2	DOL	2.5
3	NR6-100	5	5		53	50	44	40	30	20	3	DOL	2.5
4	NR6-100	6	6		61	60	53	48	36	24	4	DOL	2.5
5	NR6-100	7.5	7		74	70	62	56	42	28	4	DOL / SD	4.0 / 2.5
6	NR6-100	7.5	8		85	80	70	64	48	32	5	DOL / SD	4.0 / 2.5
7	NR6-100	10	10		106	100	88	80	60	40	6	S / D	4
8	NR6-100	12.5	12		127	120	106	96	72	48	7	S / D	4
9	NR6-100	15	14		148	140	123	112	84	56	8	S / D	4
10	NR6-100	15	15		159	150	132	120	90	60	9	S / D	4
11	NR6-100	17.5	18		192	180	158	144	108	72	12	S / D	6
12	NR6-100	20	20		218	200	176	160	120	80	12	S / D	6
13	NR6-100	22.5	22		240	220	193	178	132	88	16	S / D	6
14	NR6-100	25	25		273	273	220	200	150	100	16	S / D	10

Mixed Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 63 mm (2.5")	Performance Values						Method of Starting	Recom. Cable in sq. mm	
					Discharge in L.P.M.								
					60	155	325	395	470	590			720
1	NM6-10	3	3	Total Head in Meters	28	27	23	21	16	11	6	DOL	2.5
2	NM6-10	4	4		38	36	31	28	21	14	8	DOL	2.5
3	NM6-10	5	5		48	46	39	35	26	18	10	DOL	2.5
4	NM6-10	6	6		57	55	46	42	32	21	12	DOL	2.5
5	NM6-10	7.5	7		69	64	54	49	37	25	14	DOL / SD	4.0 / 2.5
6	NM6-10	7.5	8		76	73	62	56	42	28	16	DOL / SD	4.0 / 2.5
7	NM6-10	10	10		95	91	77	70	53	35	20	S / D	4
8	NM6-10	12.5	12		114	109	92	84	63	42	24	S / D	4
9	NM6-10	15	14		133	127	108	98	74	49	28	S / D	4
10	NM6-10	15	15		142	137	116	105	78	53	30	S / D	4
11	NM6-10	15	16		151	146	123	112	84	56	32	S / D	4
12	NM6-10	17.5	18		171	164	139	126	95	63	36	S / D	6
13	NM6-10	20	20		190	182	154	140	105	70	40	S / D	6

Sr. No.	Pump Type	HP.	Stage	Delivery Size 63 mm (2.5")	Performance Values						Method of Starting	Recom. Cable in sq. mm	
					Discharge in L.P.M.								
					80	160	430	525	650	745			850
1	NM6-12	4	3	Total Head in Meters	28	27	23	21	16	11	6	DOL	2.5
2	NM6-12	5	4		38	36	31	28	21	14	8	DOL	2.5
3	NM6-12	6	5		48	46	39	35	26	18	10	DOL	2.5
4	NM6-12	7.5	6		57	55	46	42	32	21	12	DOL / SD	4.0 / 2.5
5	NM6-12	7.5	7		66	64	54	49	37	25	14	DOL / SD	4.0 / 2.5
6	NM6-12	10	8		76	73	62	56	42	28	16	S / D	4
7	NM6-12	10	9		85	82	69	63	47	32	18	S / D	4
8	NM6-12	12.5	10		95	91	77	70	53	35	20	S / D	4
9	NM6-12	15	12		114	109	92	84	63	42	24	S / D	4
10	NM6-12	17.5	14		133	127	108	98	74	49	28	S / D	6
11	NM6-12	17.5	15		143	136	115	105	79	53	30	S / D	6
12	NM6-12	20	16		151	146	123	112	84	56	32	S / D	6
13	NM6-12	22.5	18		171	164	139	126	95	63	36	S / D	6
14	NM6-12	25	20		191	180	151	140	105	70	40	S / D	10



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Borewell Size	150.0 mm
Pump O.D.	142.0 mm
Motor O.D.	142.0 mm

PERFORMANCE TABLE

Mixed Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 63 mm (2.5")	Performance Values							Method of Starting	Recom. Cable in sq. mm	Amount in RS.
					Discharge in L.P.M.									
					170	375	600	650	770	870	960			
1	NM6-15	3	2	Total Head in Meters	20	18	15	14	11	7	4	DOL	2.5	
2	NM6-15	5	3		29	27	23	20	16	11	6	DOL	2.5	
3	NM6-15	6	4		39	36	31	28	21	14	8	DOL	2.5	
4	NM6-15	7.5	5		49	46	39	35	26	18	10	DOL / SD	4.0 / 2.5	
5	NM6-15	10	6		59	55	46	42	32	21	12	S / D	4	
6	NM6-15	10	7		69	64	54	49	37	25	14	S / D	4	
7	NM6-15	12.5	8		79	73	62	56	42	28	16	S / D	4	
8	NM6-15	15	9		97	82	69	63	47	32	18	S / D	4	
9	NM6-15	15	10		99	91	77	70	53	35	20	S / D	4	
10	NM6-15	17.5	12		118	109	92	84	63	42	24	S / D	6	
11	NM6-15	20	13		128	118	100	91	68	47	28	S / D	6	
12	NM6-15	22.5	15		143	136	115	105	79	53	30	S / D	6	
13	NM6-15	25	16		151	146	123	112	84	56	32	S / D	10	

Sr. No.	Pump Type	HP.	Stage	Delivery Size 75 mm (3")	Performance Values							Method of Starting	Recom. Cable in sq. mm	Amount in RS.
					Discharge in L.P.M.									
					300	625	760	840	980	1070	1150			
1	NM6-20	4	2	Total Head in Meters	22	18	15	14	11	7	4	DOL	2.5	
2	NM6-20	6	3		34	27	23	21	16	11	8	DOL	2.5	
3	NM6-20	7.5	4		45	36	31	28	21	14	11	DOL / SD	4.0 / 2.5	
4	NM6-20	10	5		56	46	39	35	26	18	13	S / D	4	
5	NM6-20	12.5	6		67	55	46	42	32	21	16	S / D	4	
6	NM6-20	15	7		78	64	54	49	37	25	19	S / D	4	
7	NM6-20	15	8		90	73	62	56	42	28	21	S / D	4	
8	NM6-20	17.5	9		111	82	69	63	49	32	24	S / D	6	
9	NM6-20	20	10		112	91	77	70	53	35	27	S / D	6	
10	NM6-20	25	12		118	109	92	84	63	42	24	S / D	10	

Sr. No.	Pump Type	HP.	Stage	Delivery Size 75 mm (3")	Performance Values							Method of Starting	Recom. Cable in sq. mm	Amount in RS.
					Discharge in L.P.M.									
					240	480	770	890	1070	1200	1330			
1	NM6-25	5	2	Total Head in Meters	22	20	18	16	12	8	3	DOL	2.5	
2	NM6-25	7.5	3		34	30	26	24	18	12	4	DOL / SD	4.0 / 2.5	
3	NM6-25	10	4		45	40	35	32	24	16	5	S / D	4	
4	NM6-25	12.5	5		56	50	44	40	30	20	7	S / D	4	
5	NM6-25	15	6		67	60	53	48	36	24	8	S / D	4	
6	NM6-25	17.5	7		78	70	62	56	42	28	9	S / D	6	
7	NM6-25	20	8		90	80	70	64	48	32	11	S / D	6	
8	NM6-25	22.5	9		101	90	79	72	54	36	12	S / D	6	
9	NM6-25	25	10		112	100	88	80	60	40	13	S / D	10	

Sr. No.	Pump Type	HP.	Stage	Delivery Size 75 mm (3")	Performance Values							Method of Starting	Recom. Cable in sq. mm	Amount in RS.
					Discharge in L.P.M.									
					280	600	970	1100	1260	1380	1470			
1	NM6-30	6	2	Total Head in Meters	24	20	18	16	12	8	4	DOL	2.5	
2	NM6-30	10	3		35	30	26	24	18	12	5	S / D	4	
3	NM6-30	12.5	4		47	40	35	32	24	16	7	S / D	4	
4	NM6-30	15	5		59	50	44	40	30	20	9	S / D	4	
5	NM6-30	17.5	6		71	60	53	48	36	24	11	S / D	6	
6	NM6-30	20	7		82	70	62	56	42	28	12	S / D	6	
7	NM6-30	25	8		93	80	71	64	48	32	13	S / D	10	



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		Pump O.D.	142.0 mm
		Motor O.D.	142.0 mm

PERFORMANCE TABLE Mixed Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 75 mm (3")	Performance Values							Method of Starting	Recom. Cable in sq. mm	Amount in RS.
					Discharge in L.P.M.									
					425	700	1100	1190	1400	1550	1780			
1	NM6-40	7.5	2	Total Head in Meters	24	20	18	16	12	8	3	DOL / SD	4.0 / 2.5	
2	NM6-40	12.5	3		35	30	26	24	18	12	5	S / D	4	
3	NM6-40	17.5	4		47	40	35	32	24	16	7	S / D	6	
4	NM6-40	20	5		59	50	44	40	30	20	9	S / D	6	
5	NM6-40	25	6		71	60	43	48	36	24	11	S / D	10	

Borewell Size	175.0 mm
Pump O.D.	166.0 mm
Motor O.D.	142.0 mm

NV6 / 7 Submersible Pump-set

Mixed Flow

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm	Amount in RS.
					Discharge in L.P.M.									
					270	525	755	870	1000	1135	1410			
1	NM7-25	5	2	Total Head in Meters	28	25	22	20	18	16	9	DOL	2.5	
2	NM7-25	7.5	3		42	38	33	30	27	24	14	DOL / SD	4.0 / 2.5	
3	NM7-25	10	4		55	50	44	40	36	32	18	S / D	4	
4	NM7-25	12.5	5		70	63	55	50	45	40	25	S / D	4	
5	NM7-25	15	6		82	75	66	60	54	48	30	S / D	4	
6	NM7-25	17.5	7		97	88	77	70	63	56	34	S / D	6	
7	NM7-25	20	8		110	100	88	80	64	64	38	S / D	6	
8	NM7-25	22.5	9		124	112	99	90	81	72	43	S / D	6	
9	NM7-25	25	10		137	125	110	100	90	80	53	S / D	10	

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm	Amount in RS.
					Discharge in L.P.M.									
					325	600	820	945	1070	1240	1470			
1	NM7-30	6	2	Total Head in Meters	28	25	22	20	18	16	9	DOL	2.5	
2	NM7-30	10	3		42	38	33	30	27	24	14	S / D	4	
3	NM7-30	12.5	4		55	50	44	40	36	32	18	S / D	4	
4	NM7-30	15	5		70	63	55	50	45	40	25	S / D	4	
5	NM7-30	17.5	6		82	75	66	60	54	48	30	S / D	6	
6	NM7-30	20	7		97	88	77	70	63	56	34	S / D	6	
7	NM7-30	25	8		110	100	88	80	72	64	38	S / D	10	

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm	Amount in RS.
					Discharge in L.P.M.									
					440	735	1060	1240	1420	1640	1735			
1	NM7-40	7.5	2	Total Head in Meters	28	25	22	20	18	16	9	DOL	2.5	
2	NM7-40	12.5	3		42	38	33	30	27	24	14	S / D	4	
3	NM7-40	15	4		55	50	44	40	36	32	18	S / D	4	
4	NM7-40	20	5		70	63	55	50	45	40	25	S / D	6	
5	NM7-40	25	6		84	76	66	60	54	48	30	S / D	10	

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm	Amount in RS.
					Discharge in L.P.M.									
					755	1030	1260	1375	1500	1765	1870			
1	NM7-50	5	1	Total Head in Meters	14	12	11	10	9	8	8	S / D	2.5	
2	NM7-50	10	2		28	25	22	20	18	16	9	S / D	4	
3	NM7-50	15	3		42	38	33	30	27	24	14	S / D	4	
4	NM7-50	20	4		65	50	44	40	36	32	18	S / D	6	
5	NM7-50	25	5		70	62	55	41	45	40	22	S / D	10	

Sr. No.	Pump Type	HP.	Stage	Delivery Size 100 mm (4")	Performance Values							Method of Starting	Recom. Cable in sq. mm	Amount in RS.
					Discharge in L.P.M.									
					855	1130	1360	1475	1600	1865	1970			
1	NM7-60	6	1	Total Head in Meters	14	12	11	10	9	8	8	S / D	2.5	
2	NM7-60	12.5	2		28	25	22	20	18	16	9	S / D	4	
3	NM7-60	17.5	3		42	38	33	30	27	24	14	S / D	6	
4	NM7-60	25	4		55	50	44	40	36	32	18	S / D	10	

				
<small>Excluding Design</small>	<small>CM 003</small>	<small>CM/L-3520146</small>	<small>CM/L-7200013483</small>	