

**NESA PUMPS PVT LTD**  
C-1/24, GIDC Estate, Phase-2, Opp. Dipak Oil Mill,  
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Shree Printwell Offset\_09925150360



**COMPLETE PUMPING SOLUTION**



Complete  
Pumping Solution



Long Term  
Prosperity



Uncompromising  
Quality



Quick Service  
& Support



World Class  
Infrastructure



Team  
Work



Happy  
Customers



Socially  
Responsible



Power and  
Strength

## Nesa Believes

In quality up to the grass root level, that's how all the workers, are even trained to the level of quality.

Nesa constantly strive hard to make its products user and environment friendly and energy efficient, by maintaining consistency during every process of product.

Nesa has superior infrastructure having modern machineries and toolings with uptodate, quality control and research and development department.

## Mission and Vision

Nesa believes in the highest standard of virtues like sustainability, openness, trustworthiness with all clients and suppliers. Since last 4 to 5 years, Nesa maintains growth of around 10%, which in the future aims to be around 12% but will never compromise with quality.





# Efficient & Sustainable Products

NESA is constantly striving to make its products more user friendly, reliable, energy saving and an efficient, So that both users and our environment benefit from the improvement. NESA Pumps are equipped with ultra modern technology allowing them to regulate their output according to present needs and demand. This not only ensures convenience for the users but also saves a great deal of energy.



JAYESH SHAH  
MANAGING DIRECTOR



BHARAT PATEL  
TECHNICAL DIRECTOR



VISHAL PATEL  
DIRECTOR

**Nesa** also has a very well equipped team of suppliers and vendors having cnc & spm chain of machineries and equally trained, enthusiastic team of staff and workers feeding nesa all its requirement with very punctual commitments.

That's why Nesa always stay ahead compare to other manufacturers.

## A Global Business

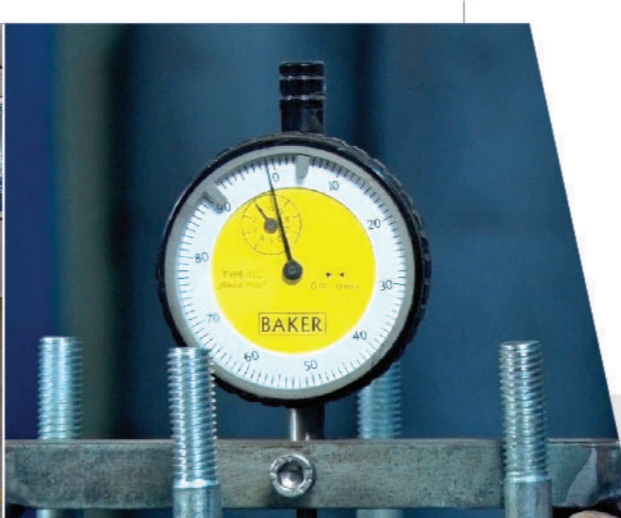
A team of technocrats leaders, highly skilled employees and quality production towards customer's satisfaction. **NESA** pumps is one of the leading pump manufacturers help to bring pumps to every corner of the nation from supplying drinking water, irrigation of the dams, ground water monitoring, gardening etc.

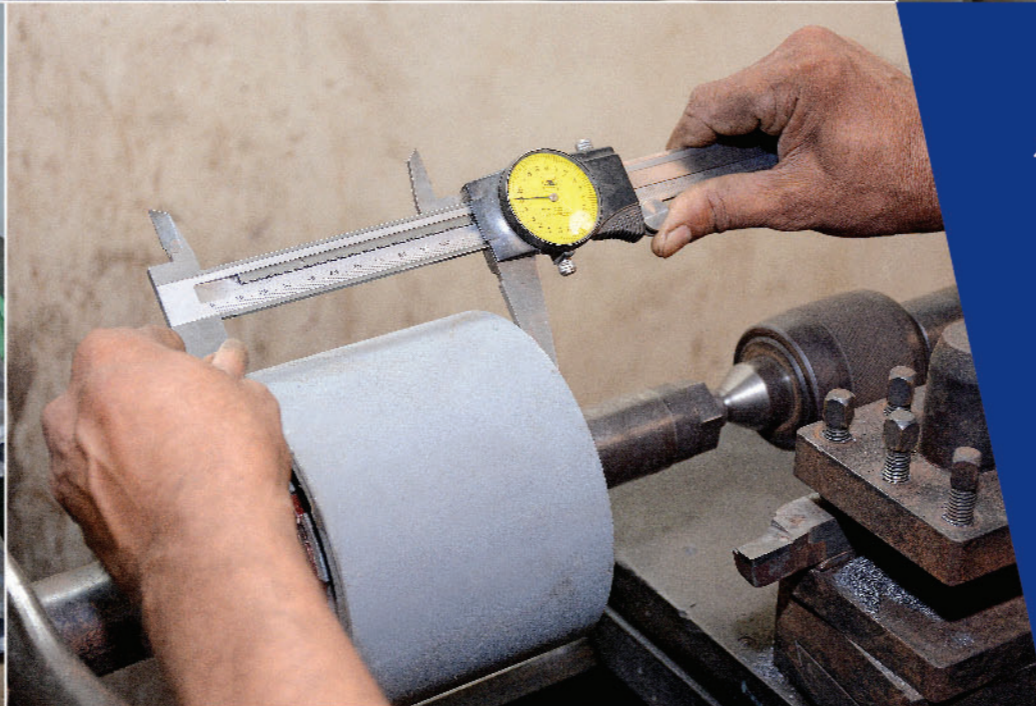
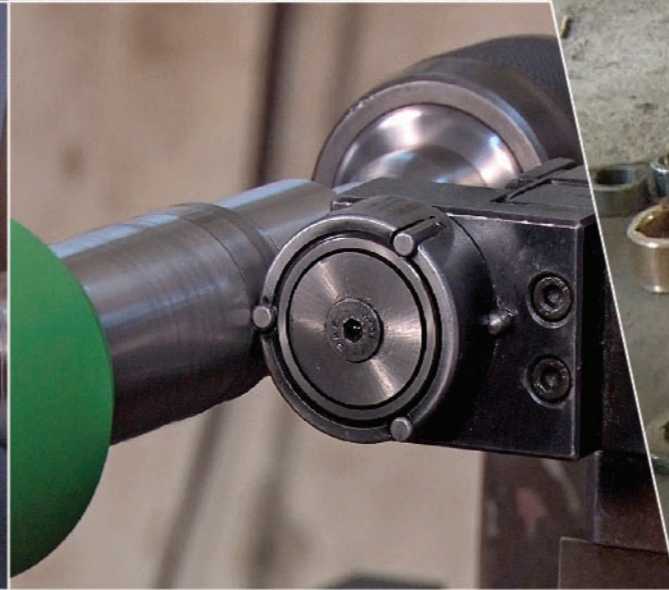
## Corporate Value

The **NESA** pumps is based on values such as sustainability, openness, trustworthiness responsibility and also on partnership with clients, suppliers and the whole of society around us with focus on humanity that concerns our own employees as the many who benefit from water that is procured, utilized and removed as wastewater with the help of **NESA** pumps.

# Our Power and Strength

NESA pumps has superior infrastructure having modern machineries and toolings with uptodate, quality control and research and devlopment department.





Our Power and Strength

NESA pumps has superior infrastructure having modern machineries and toolings with uptodate, quality control and research and devlopment department.



# We Produce

Efficient Solutions for Valuable Customers

**NESA** Pumps is constantly striving to make its products more user friendly, reliable, energy saving and an efficient, so that both users and the environment benefit from their improvement.

**NESA** Pumps are equipped with ultra modern technology allowing them to regulate their output according to present needs and demand. This not only ensures convenience for the users but also saves a great deal of energy.



## Energy Efficient Solutions







# Our Achievements

NESA Pumps Recognized  
The Best Certification

Bureau Veritas Certification has been granted and the Management System of the above organization has been certified and is in accordance with the requirements of the ISO 9001:2008 standard detailed below

ISO 9001:2008  
Scope of certification

DESIGN AND SALES OF SUBMERSIBLE PUMP SETS AND SALES OF SUBMERSIBLE MONO SETS

March 2016

the organization's Management



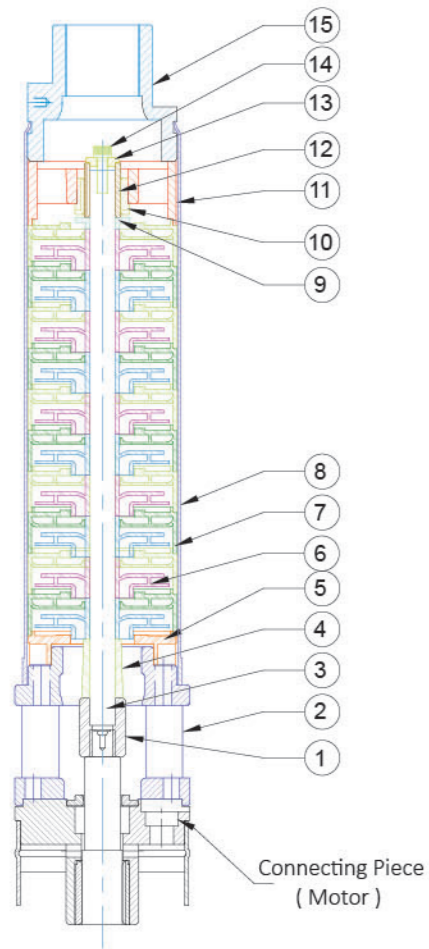
## Our Quality

**NESA** Pump's style of operation is entirely through process & flow charts supported by work instructions, so as to have smooth & consistent output guided by strict & vigil quality control engineers.

### Research and developments

In order to maintain its leading position, **NESA** Pumps constantly places a great deal of emphasis on customers oriented research and development. Customers are consulted when new products developed or when established products are improved.

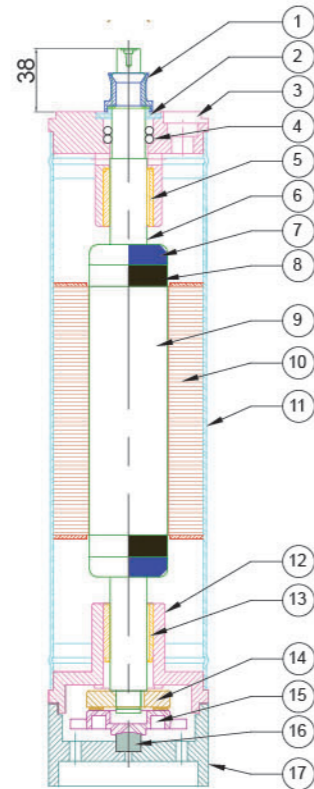
## V4 PUMP ASSEMBLY ( NR4 )



Sr No	Part's Name	Material
1	Couple	S.S- 410
2	Intermediate Piece	C.I ( FG-200 )
3	Pump Shaft	S.S- 410
4	Distance Sleeve	P.P
5	Intermediate Plate	P.P
6	Impeller	P.P
7	Stage Casing	P.P
8	Pump Jacket	S.S- 410
9	Counter Washer	S.S- 410
10	Counter Bearing Bush	L.T.B- 4
11	Discharge Out Let	C.I ( FG-200 )
12	Upper Sleeve	S.S- 410
13	Top Washer	S.S- 410
14	Allen Bolt	S.S- 316
15	N.R.V. Body	C.I ( FG-200 )



## V4 MOTOR ASSEMBLY



Sr No	Part's Name	Material
1	Rubber Seal Cap	Nitrile
2	S.S Cap	S.S- 410
3	Upper Brg Housing	C.I ( FG-200 )
4	Oil Seal	Nitrile & S.S
5	Upper Bearing Bush	L.T.B- 4
6	Rotor	-----
7	Balance Ring	C.I ( FG-200 )
8	Alluminium ( Dia Cast )	E.C Grade
9	Rotor Stamping	CRNO
10	Stator Stamping	CRNO
11	Stator Tube	S.S- 202 ( 1% Ni- J4 )
12	Lower Brg Housing	C.I ( FG-200 )
13	Lower Brg Bush	L.T.B- 4
14	Thrust Pad	S.S + Teflon
15	Thrust Bearing	C.I & S.S ( Fix Segment )
16	Rocker Support	S.S- 410
17	Motor Base	C.I ( FG-200 )

## STRUCTURAL CHARACTERISTICS :



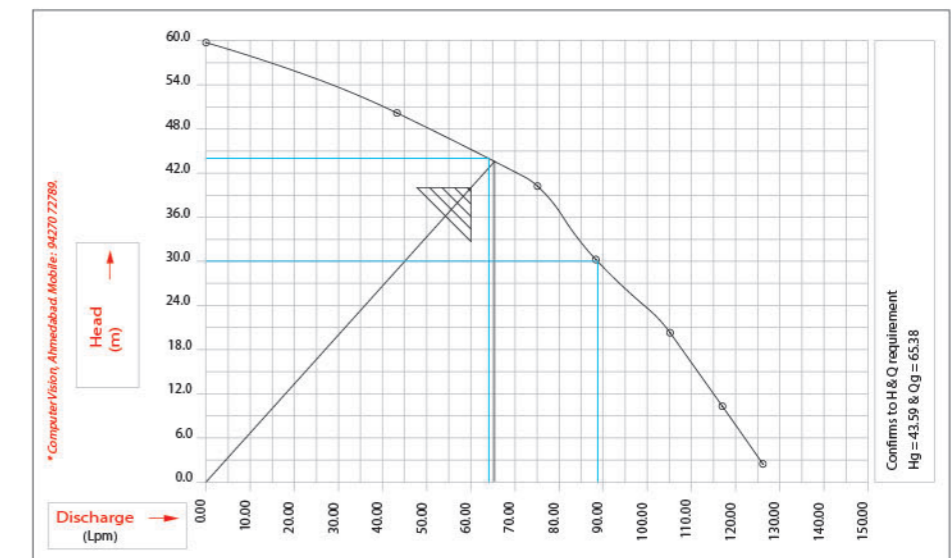
MODEL	NV4 (RADIAL FLOW)			
NOMINAL OUTLET SIZE (IN BSP THREADS)	MM	25/32/38		
	INCH	1.0/1.25/1.50		
TYPE	H.P	STAGES	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NV41	0.5-1.5	8 to 25	43 to 13	19 to 120
NV42	0.5-2.0	6 to 25	64 to 30	14 to 120
NV44	0.75-2.0	7 to 22	96 to 45	17 to 96
NV45	0.75-3.0	5 to 22	145 to 76	12 to 96
NV47	1.0-5.0	5 to 25	179 to 121	12 to 120
PER STAGE HEAD				4 MTR.
MAX. OUTSIDE DIAMETER				97 mm
METHOD OF STARTING	SP	CSCR		
	TP	DOL		
RPM				2760
VERSION AC SUPPLY	SP	160 to 230v		
	TP	350 to 415v		
DEGREE OF PROTECTION				IP- 58
DUTY CYCLE				S1 (CONTINUOUS)
DIRECTION OF ROTATION				ANTI CLOCKWISE
MINIMUM COOLING FLOW ALONG THE MOTOR				0.15 m/sec

### SALIENT FEATURES

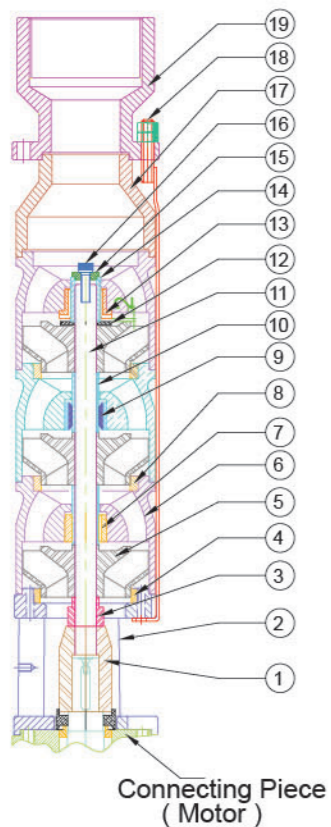
- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 0.5 to 5 HP in S.P. AND T.P.
- Wide operating voltage range

### SPECIAL OPTIONS

- Also available in NEMA standard.
- Complete SS construction for seawater



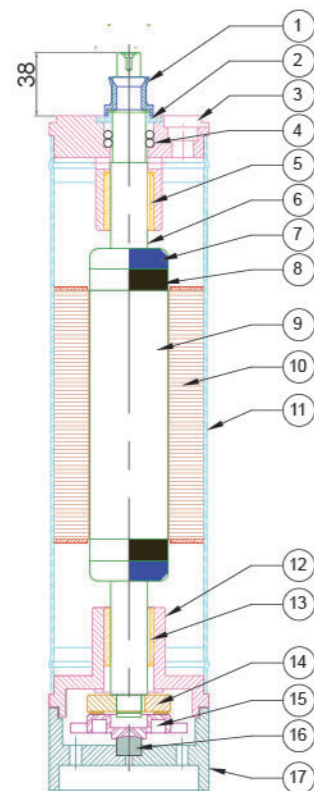
## V4 PUMP ASSEMBLY ( NM4 )



Sr No	Part's Name	Material
1	Couple	S.S- 410
2	Intermediate Piece	C.I ( FG-200 )
3	Distance Spacer	S.S- 410
4	Neckring	White Teflon
5	Impeller	S.S- 410
6	Stage Casing	C.I ( FG-200 )
7	Bearing Bush	S.S- 410
8	Neckring	Nitrile Rubber
9	Rubber Bearing Bush	Nitrile Rubber
10	Upper Sleeve	S.S- 410
11	Pump Shaft	S.S- 410
12	Counter Washer	S.S- 410
13	Counter Bearing Bush	L.T.B- 4
14	Top Sleeve	S.S- 410
15	Top Washer	S.S- 410
16	Allen Balt	S.S- 410
17	N.R.V Joint	C.I ( FG-200 )
18	Clamping Stud	M.S
19	N.R.V Body	C.I ( FG-200 )



## V4 MOTOR ASSEMBLY



Sr No	Part's Name	Material
1	Rubber Seal Cap	Nitrile
2	S.S Cap	S.S- 410
3	Upper Brg Housing	C.I ( FG-200 )
4	Oil Seal	Nitrile & S.S
5	Upper Bearing Bush	L.T.B- 4
6	Rotor	-----
7	Balance Ring	C.I ( FG-200 )
8	Alluminium ( Dia Cast )	E.C Grade
9	Rotor Stamping	CRNO
10	Stator Stamping	CRNO
11	Stator Tube	S.S- 202 ( 1% Ni- J4 )
12	Lower Brg Housing	C.I ( FG-200 )
13	Lower Brg Bush	L.T.B- 4
14	Thrust Pad	S.S + Teflon
15	Thrust Bearing	C.I & S.S ( Fix Segment )
16	Rocker Support	S.S- 410
17	Motor Base	C.I ( FG-200 )

## STRUCTURAL CHARACTERISTICS :



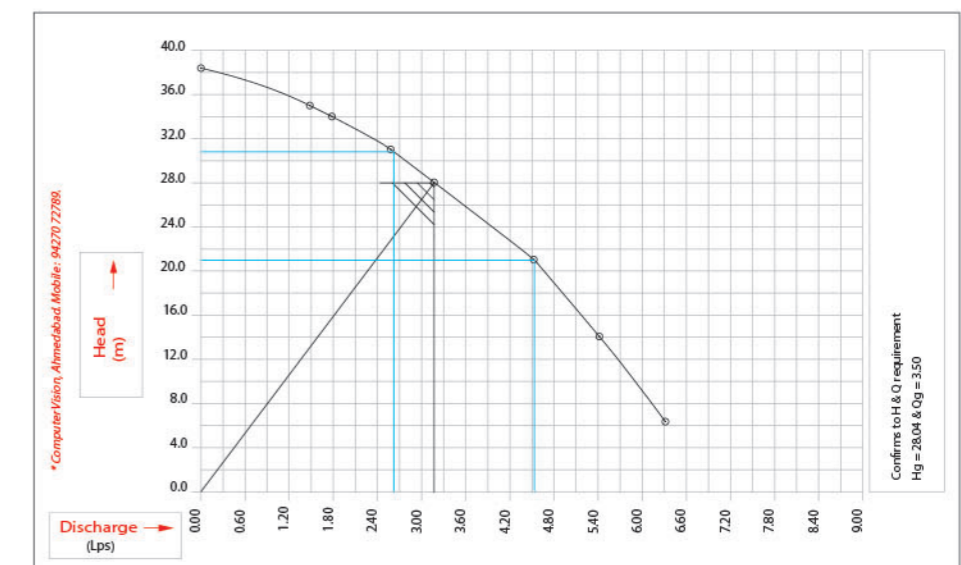
MODEL	NV4 ( MIXED FLOW )			
NOMINAL OUTLET SIZE ( IN BSP THREADS )	MM	38/50		
	INCH	1.5/2		
TYPE	H.P	STAGES	DISCHARGE ( LPM )	HEAD RANGE ( MTR. )
NVM412	3 TO 5	10 TO 20	210 TO 70	10 TO 88
NVM418	3 TO 5	7 TO 14	460 TO 16	7 TO 56
PER STAGE HEAD				3 MTR.
MAX. OUTSIDE DIAMETER				97 mm
METHOD OF STARTING	SP	CSCR		
	TP	DOL		
RPM				2760
VERSION AC SUPPLY	SP	160 to 230v		
	TP	350 to 415v		
DEGREE OF PROTECTION				IP- 58
DUTY CYCLE				S1 ( CONTINUOUS )
DIRECTION OF ROTATION				ANTI CLOCKWISE
MINIMUM COOLING FLOW ALONG THE MOTOR				0.15 m/sec

### SALIENT FEATURES

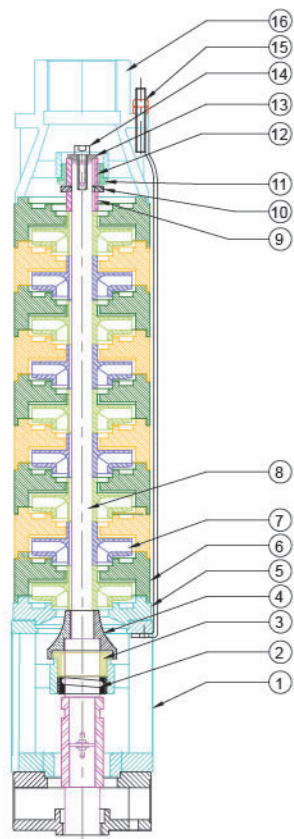
- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 3 to 5 HP in S.P. AND T.P.
- Wide operating voltage range

### SPECIAL OPTIONS

- Also available in NEMA standard.
- Complete SS construction for seawater



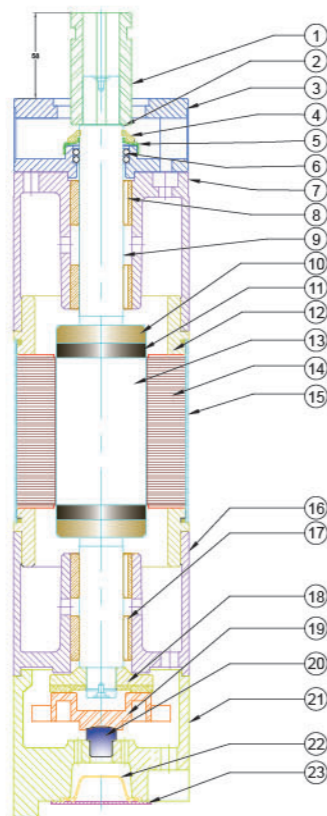
## V5 PUMP ASSEMBLY ( NR5 )



Sr No	Part's Name	Material
1	Intermediate Piece	C.I ( FG-200 )
2	Intermediate Bush	Nitrile Rubber
3	Intermediate Bush	L.T.B- 4
4	Sand Guard	C.I ( FG-200 )
5	Intermediate Plate	C.I ( FG-200 )
6	Stage Casing	C.I ( FG-200 )
7	Impeller	S.S- 410
8	Pump Shaft	S.S- 410
9	Upper Sleeve	S.S- 410
10	Counter Washer	S.S- 410
11	Counter Bearing Bush	L.T.B- 4
12	Top Sleeve	S.S- 410
13	Top Washer	S.S- 410
14	Allen Balt	S.S- 410
15	Clamping Stud	M.S
16	N.R.V. Body	C.I ( FG-200 )



## V5 MOTOR ASSEMBLY



Sr No	Part's Name	Material
1	Couple	S.S- 410
2	Rotor Shaft	S.S- 410
3	Connecting Piece	C.I ( FG-200 )
4	Rubber Seal Cap	Nitrile
5	S.S Cap	S.S- 202
6	Oil Seal	Nitrile & S.S
7	Upper Brg Housing	C.I ( FG-200 )
8	Bearing Bush	L.T.B- 4
9	Rotor	-----
10	Balance Ring	C.I ( FG-200 )
11	Copper Ring	E.C Grade
12	Stud Ring	M.S Forged
13	Rotor Stamping	CRNO
14	Stator Stamping	CRNO
15	Stator Tube	S.S- 202 ( 1% Ni- J4 )
16	Lower Brg Housing	C.I ( FG-200 )
17	Lower Brg Bush	L.T.B- 4
18	Thrust Pad	S.S + Teflon
19	Thrust Bearing	C.I & S.S (Fix Segment)
20	Rocker Support	S.S- 410
21	Motor Base	C.I ( FG-200 )
22	P.C.D. Cup	Nitrile
23	Motor Base Cover	C.I ( FG-200 )

## STRUCTURAL CHARACTERISTICS :



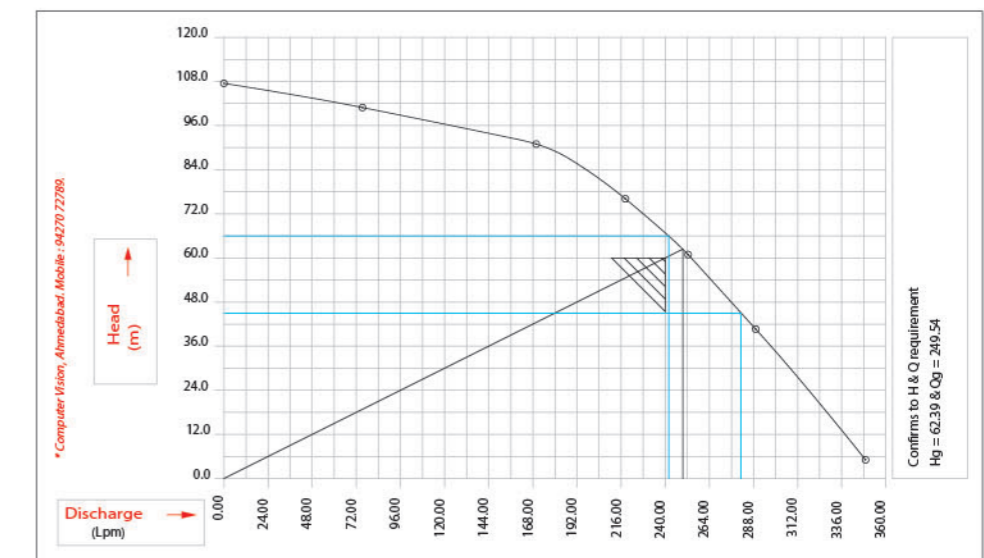
MODEL	NR5 (RADIAL FLOW)			
NOMINAL OUTLET SIZE (IN BSP THREADS)	MM	50		
	INCH	2		
TYPE	H.P	STAGES	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NR5-50	3-10	6 to 20	190 to 50	30 to 180
NR5-60	3-10	5 to 16	230 to 90	25 to 144
NR5-80	3-10	4 to 12	270 to 190	20 to 108
NR5-100	3-10	3 to 10	340 to 250	15 to 90
PER STAGE HEAD	7 MTR.			
MAX. OUTSIDE DIAMETER	125mm			
METHOD OF STARTING	TP	DOL & SD		
RPM	2850			
VERSION AC SUPPLY	TP	350 to 415v		
DEGREE OF PROTECTION	IP- 58			
DUTY CYCLE	S1 (CONTINUOUS)			
DIRECTION OF ROTATION	ANTI CLOCKWISE			
MINIMUM COOLING FLOW ALONG THE MOTOR	0.10 m/sec			

### SALIENT FEATURES

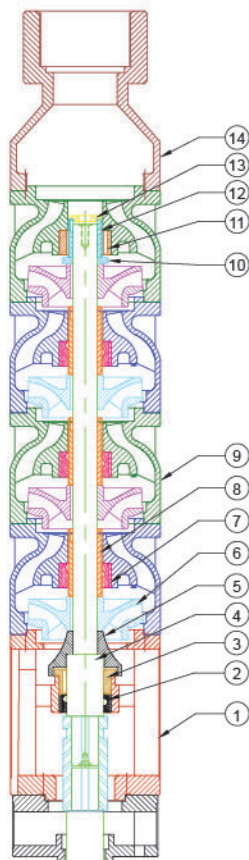
- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 3 to 10 HP in T.P.
- Wide operating voltage range

### SPECIAL OPTIONS

- Also available in NEMA standard.



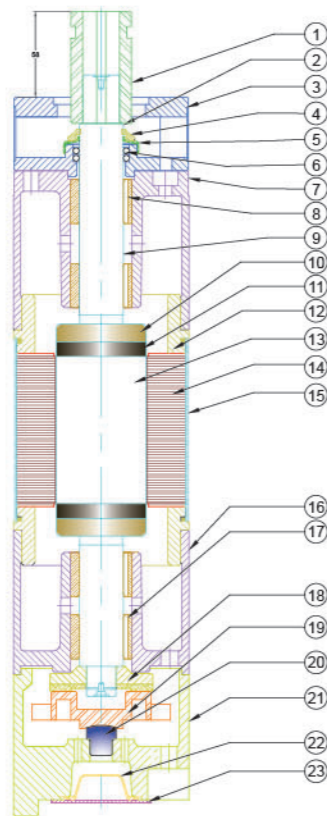
## V5 PUMP ASSEMBLY ( NM5 )



Sr No	Part's Name	Material
1	Intermediate Piece	C.I ( FG-200 )
2	Intermediate Bush	Nitrile
3	Intermediate Bush	L.T.B- 4
4	Pump Shaft	S.S- 410
5	Sand Guard	C.I ( FG-200 )
6	Upper Sleeve	S.S- 410
7	Impeller	S.S- 410
8	Rubber Bush ( For Bowl )	Nitrile
9	Sleeve	S.S- 410
10	Stage Casing	C.I ( FG-200 )
11	Top Washer	S.S- 410
12	Top Bush	L.T.B- 4
13	Top Sleeve	S.S- 410
14	Check Nut	S.S- 410
15	N.R.V. Body	C.I ( FG-200 )



## V5 MOTOR ASSEMBLY



Sr No	Part's Name	Material
1	Couple	S.S- 410
2	Rotor Shaft	S.S- 410
3	Connecting Piece	C.I ( FG-200 )
4	Rubber Seal Cap	Nitrile
5	S.S Cap	S.S- 202
6	Oil Seal	Nitrile & S.S
7	Upper Brg Housing	C.I ( FG-200 )
8	Bearing Bush	L.T.B- 4
9	Rotor	-----
10	Balance Ring	C.I ( FG-200 )
11	Copper Ring	E.C Grade
12	Stud Ring	M.S Forged
13	Rotor Stamping	CRNO
14	Stator Stamping	CRNO
15	Stator Tube	S.S- 202 ( 1% Ni- J4 )
16	Lower Brg Housing	C.I ( FG-200 )
17	Lower Brg Bush	L.T.B- 4
18	Thrust Pad	S.S + Teflon
19	Thrust Bearing	C.I & S.S ( Fix Segment )
20	Rocker Support	S.S- 410
21	Motor Base	C.I ( FG-200 )
22	P.C.D. Cup	Nitrile
23	Motor Base Cover	C.I ( FG-200 )



## STRUCTURAL CHARACTERISTICS :



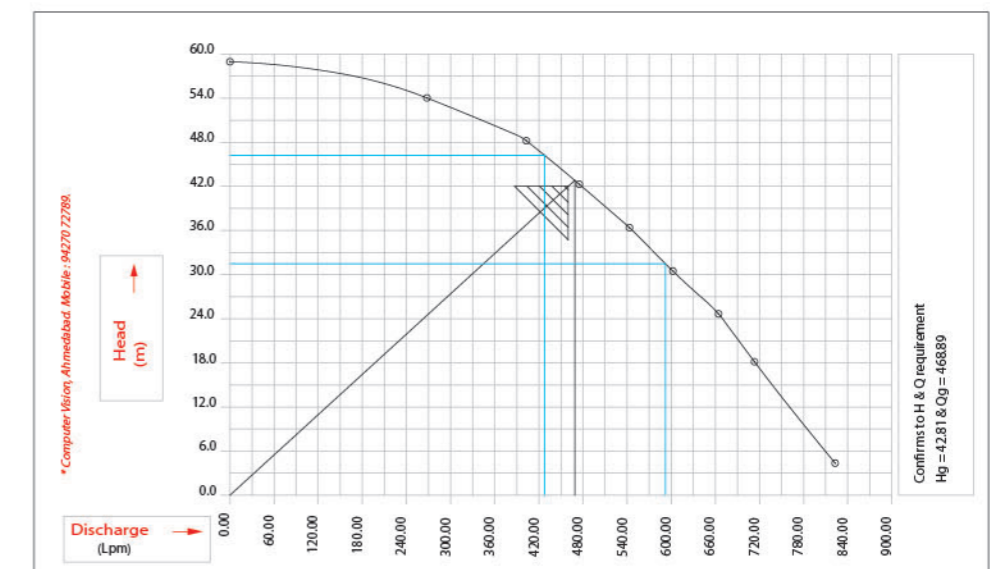
MODEL	NM5 ( MIXED FLOW )			
NOMINAL OUTLET SIZE ( IN BSP THREADS )	MM			50
	INCH			2
TYPE	H.P	STAGES	DISCHARGE ( LPM )	HEAD RANGE ( MTR. )
NM5-10	3-10	3 to 10	465 to 95	15 to 90
NM5-12	3-10	2 to 8	614 to 263	10 to 72
NM5-15	5-10	3 to 7	660 to 290	15 to 63
PER STAGE HEAD				7 MTR.
MAX. OUTSIDE DIAMETER				125mm
METHOD OF STARTING		TP		DOL & SD
RPM				2850
VERSION AC SUPPLY		TP		350 to 415v
DEGREE OF PROTECTION				IP- 58
DUTY CYCLE				S1 ( CONTINUOUS )
DIRECTION OF ROTATION				ANTI CLOCKWISE
MINIMUM COOLING FLOW ALONG THE MOTOR				0.10 m/sec

### SALIENT FEATURES

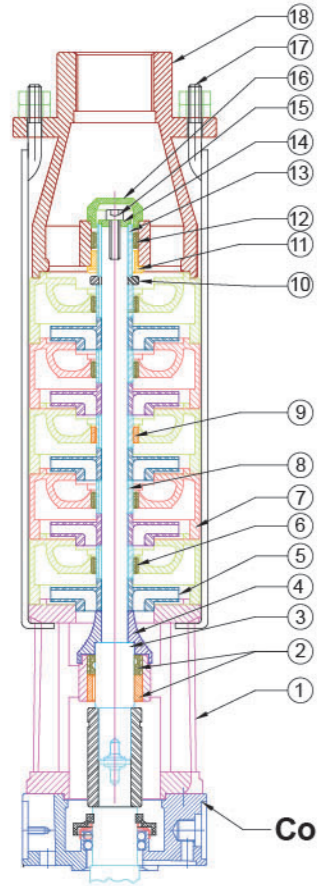
- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 3 to 10 HP in T.P.
- Wide operating voltage range

### SPECIAL OPTIONS

- Also available in NEMA standard.



## V6 PUMP ASSEMBLY (NR6) STD



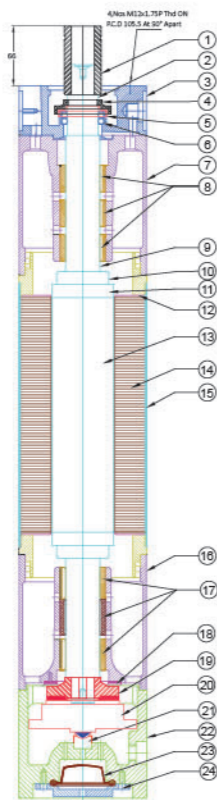
Sr No	Part's Name	Material
1	Intermediate Piece	C.I ( FG-200 ) As IS 210
2	Intermediate Bush	Nitrile Rubber + L.T.B- 4 As IS 318
3	Pump Shaft	S.S- 410 As AISI 410
4	Sand Guard	C.I ( FG-200 ) As IS 210
5	Impeller	S.S- 410 ( Moulded )
6	Rubber Bush	Nitrile Rubber
7	Stage Casing	C.I ( FG-200 ) As IS 210
8	Upper Sleeve	S.S- 410 As AISI 410 ( With Hard Chrome 100 Micron)
9	Bearing Bush	L.T.B- 4 As IS 318
10	Counter Washer	S.S- 410 As AISI 410 ( With Grinding )
11	Counter Bearing Bush	L.T.B- 4 As IS 318
12	Rubber Bush ( D.O.L )	Nitrile Rubber
13	Top Sleeve	S.S- 410 As AISI 410 ( With Hard Chrome 100 Micron)
14	Top Washer	S.S- 410 As AISI 410
15	Allen Balt	S.S- 410 As AISI 410
16	Sand Seal Cap	H.D.P.E
17	Clamping Stud	M.S (Hardened & Width-20MM & Thickness- 5MM)
18	N.R.V. Body	C.I ( FG-200 ) As IS 210



Connecting Piece  
( Motor )

## V6 MOTOR ASSEMBLY

Sr No	Part's Name	Material
1	Couple	S.S- 410
2	Rotor Shaft	S.S- 431
3	Connecting Piece	C.I ( FG-200 )
4	Rubber Seal Cap	Nitrile Rubber
5	S.S Cap	S.S- 202
6	Oil Seal	Nitrile Rubber + S.S
7	Upper Brg Housing	C.I ( FG-200 )
8	Upper Brg Bush	L.T.B- 4 + Nitrile Rubber
9	Rotor	-----
10	Balance Ring	Brass
11	Copper Ring	E.C Grade
12	Stud Ring	M.S Forged
13	Rotor Stamping	CRNO
14	Stator Stamping	CRNO
15	Stator Tube	S.S- 202 ( 1% Ni- J4 )
16	Lower Brg Housing	C.I ( FG-200 )
17	Lower Brg Bush	L.T.B- 4 + Nitrile Rubber
18	Counter Bearing	Hylam Pad
19	Thrust Pad	S.S + Carbon
20	Thrust Bearing	Six Segment Carbon Pad
21	Rocker Support	S.S- 410
22	Motor Base	C.I ( FG-200 )
23	P.C.D. Cup	Nitrile Rubber
24	Motor Base Cover	C.I ( FG-200 )



## STRUCTURAL CHARACTERISTICS :



MODEL	NR6 (RADIAL FLOW)	
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NOMINAL OUTLET SIZE (IN BSP THREADS)	MM	50
	INCH	2

TYPE	H.P	STAGES	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NR6-30	3-10	8 to 32	190 to 80	28 to 258
NR6-40	3-12.5	6 to 30	230 to 85	21 to 252
NR6-50	3-15	5 to 30	260 to 155	18 to 263
NR6-60	3-20	5 to 32	310 to 165	18 to 280
NR6-70	3-22.5	4 to 32	375 to 175	14 to 280
NR6-80	4-25	5 to 30	430 to 120	20 to 288
NR6-100	3-25	3 to 25	435 to 270	12 to 250

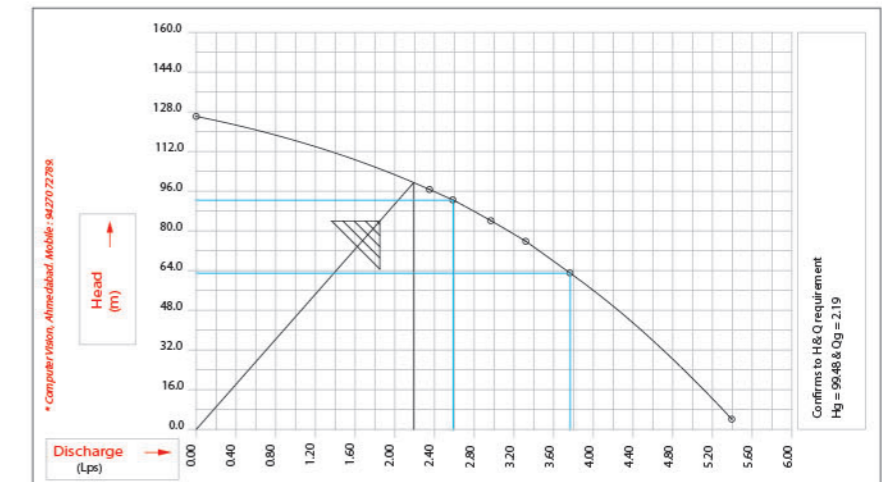
PER STAGE HEAD		7/8 MTR.
MAX. OUTSIDE DIAMETER		142 mm
METHOD OF STARTING	TP	DOL & SD
RPM		2850
VERSION AC SUPPLY	TP	350 to 415v
DEGREE OF PROTECTION		IP- 58
DUTY CYCLE		S1 (CONTINUOUS)
DIRECTION OF ROTATION		ANTI CLOCKWISE
MINIMUM COOLING FLOW ALONG THE MOTOR		0.15 m/sec

### SALIENT FEATURES

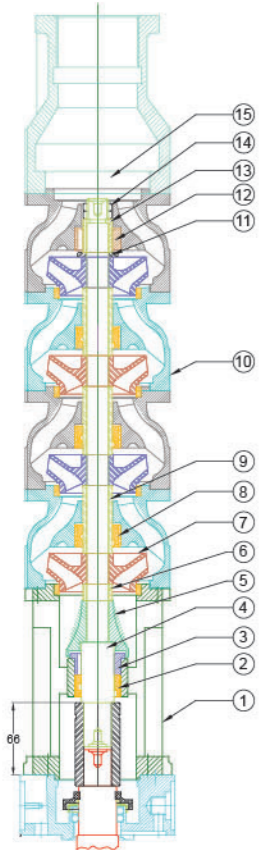
- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 3 to 25 HP in T.P.
- Wide operating voltage range

### SPECIAL OPTIONS

- Also available in NEMA standard.
- Also available in single phase upto 6 hp



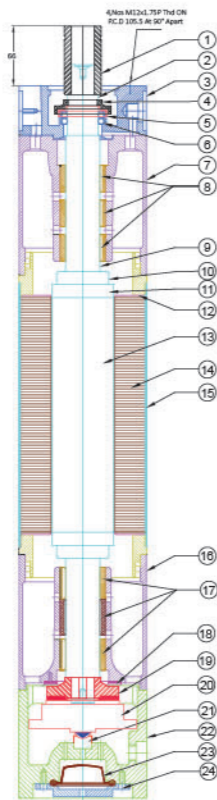
## V6 PUMP ASSEMBLY (NM6)



Sr No	Part's Name	Material
1	Intermediate Piece	C.I ( FG-200 )
2	Intermediate Bush	Nitrile
3	Intermediate Bush	L.T.B- 4
4	Pump Shaft	S.S- 410
5	Sand Guard	C.I ( FG-200 )
6	Upper Sleeve	S.S- 410
7	Impeller	S.S- 410
8	Rubber Bush ( For Bowl )	Nitrile
9	Sleeve	S.S- 410
10	Stage Casing	C.I ( FG-200 )
11	Top Washer	S.S- 410
12	Top Bush	L.T.B- 4
13	Top Sleeve	S.S- 410
14	Check Nut	S.S- 410
15	N.R.V. Body	C.I ( FG-200 )



## V6 MOTOR ASSEMBLY



Sr No	Part's Name	Material
1	Couple	S.S- 410
2	Rotor Shaft	S.S- 431
3	Connecting Piece	C.I ( FG-200 )
4	Rubber Seal Cap	Nitrile Rubber
5	S.S Cap	S.S- 202
6	Oil Seal	Nitrile Rubber + S.S
7	Upper Brg Housing	C.I ( FG-200 )
8	Upper Brg Bush	L.T.B- 4 + Nitrile Rubber
9	Rotor	-----
10	Balance Ring	Brass
11	Copper Ring	E.C Grade
12	Stud Ring	M.S Forged
13	Rotor Stamping	CRNO
14	Stator Stamping	CRNO
15	Stator Tube	S.S- 202 ( 1% Ni- J4 )
16	Lower Brg Housing	C.I ( FG-200 )
17	Lower Brg Bush	L.T.B- 4 + Nitrile Rubber
18	Counter Bearing	Hylam Pad
19	Thrust Pad	S.S + Carbon
20	Thrust Bearing	Six Segment Carbon Pad
21	Rocker Support	S.S- 410
22	Motor Base	C.I ( FG-200 )
23	P.C.D. Cup	Nitrile Rubber
24	Motor Base Cover	C.I ( FG-200 )



## STRUCTURAL CHARACTERISTICS :



MODEL	NM6 (MIX FLOW)	
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NOMINAL OUTLET SIZE (IN BSP THREADS)	MM	63/75
	INCH	2.5/3

TYPE	H.P	STAGES	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NM6-10	3-20	3 to 20	590 to 155	11 to 182
NM6-12	4-25	3 to 20	745 to 160	11 to 180
NM6-15	3-25	2 to 16	870 to 375	7 to 146
NM6-20	4-25	2 to 12	1070 to 480	7 to 109
NM6-25	5-25	2 to 10	1200 to 625	8 to 100
NM6-30	6-25	2 to 8	1380 to 600	8 to 80
NM6-40	7.5-25	2 to 6	1550 to 700	8 to 60

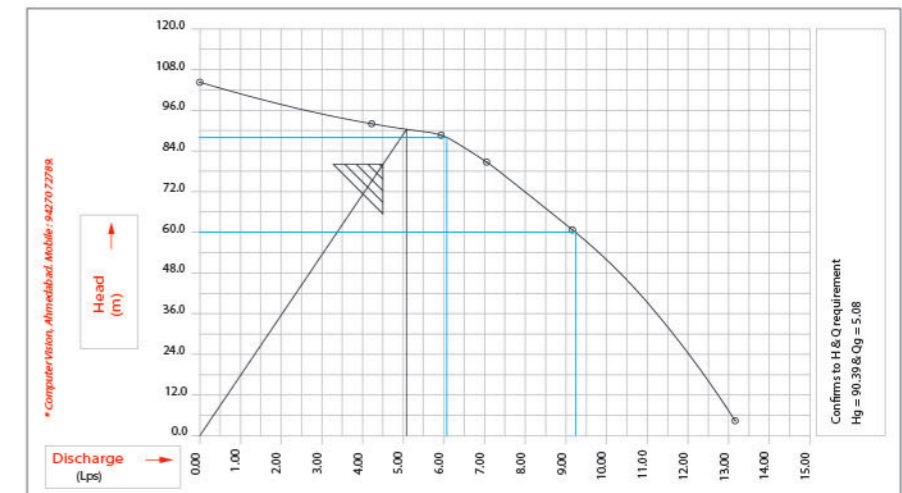
PER STAGE HEAD		7/8 Mtr
MAX. OUTSIDE DIAMETER		142 mm
METHOD OF STARTING	TP	DOL & SD
RPM		2850
VERSION AC SUPPLY	TP	350 to 415v
DEGREE OF PROTECTION		IP- 58
DUTY CYCLE		S1 (CONTINUOUS)
DIRECTION OF ROTATION		ANTI CLOCKWISE
MINIMUM COOLING FLOW ALONG THE MOTOR		0.15 m/sec

### SALIENT FEATURES

- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 3 to 25 HP in T.P.
- Wide operating voltage range

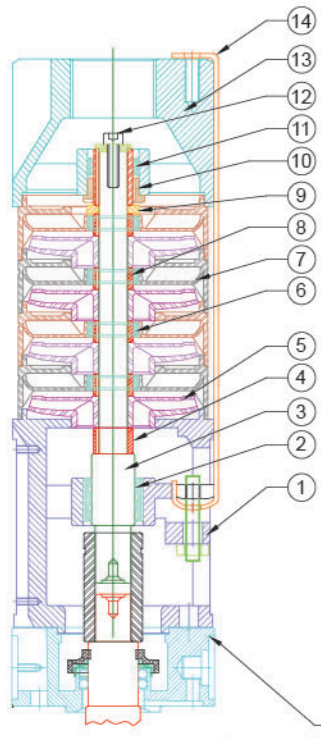
### SPECIAL OPTIONS

- Also available in NEMA standard.
- Also available in single phase upto 6 hp





## V6 PUMP ASSEMBLY (NRH6) HH



Connecting Piece  
( Motor )

Sr No	Part's Name	Material
1	Intermediate Piece	C.I ( FG-200 )
2	Intermediate Bush	Nitrile Rubber
3	Pump Shaft	S.S- 410
4	Sleeve With Hard Chrome	S.S- 410
5	Impeller	S.S- 410
6	Rubber Bush	Nitrile Rubber
7	Stage Casing	S.S- 304 & 202
8	Sleeve With Hard Chrome	S.S- 410
9	Top Washer	S.S- 410
10	Counter Bearing Bush	L.T.B- 4
11	Rubber Bush ( D.O.L )	Nitrile Rubber
12	Allen Bolt	S.S- 304
13	N.R.V. Body	C.I ( FG-200 )
14	Clamping Stud	S.S- 202



## V6 MOTOR ASSEMBLY



Sr No	Part's Name	Material
1	Couple	S.S- 410
2	Rotor Shaft	S.S- 431
3	Connecting Piece	C.I ( FG-200 )
4	Rubber Seal Cap	Nitrile Rubber
5	S.S Cap	S.S- 202
6	Oil Seal	Nitrile Rubber + S.S
7	Upper Brg Housing	C.I ( FG-200 )
8	Upper Brg Bush	L.T.B- 4 + Nitrile Rubber
9	Rotor	-----
10	Balance Ring	Brass
11	Copper Ring	E.C Grade
12	Stud Ring	M.S Forged
13	Rotor Stamping	CRNO
14	Stator Stamping	CRNO
15	Stator Tube	S.S- 202 ( 1% Ni- J4 )
16	Lower Brg Housing	C.I ( FG-200 )
17	Lower Brg Bush	L.T.B- 4 + Nitrile Rubber
18	Counter Bearing	Hylam Pad
19	Thrust Pad	S.S + Carbon
20	Thrust Bearing	Six Segment Carbon Pad
21	Rocker Support	S.S- 410
22	Motor Base	C.I ( FG-200 )
23	P.C.D. Cup	Nitrile Rubber
24	Motor Base Cover	C.I ( FG-200 )

## STRUCTURAL CHARACTERISTICS :



MODEL	NRH6 (RADIAL FLOW)	
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NOMINAL OUTLET SIZE (IN BSP THREADS)	MM	50/65
	INCH	2/2.5

TYPE	H.P	STAGES	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NRH-50	3-15	6 to 30	175 to 60	48 to 420
NRH-60	3-17.5	5 to 26	210 to 90	40 to 364
NRH-80	3-25	4 to 30	275 to 120	32 to 420
NRH-100	3-30	3 to 30	350 to 180	24 to 420
NRH-125	4-30	3 to 25	490 to 225	24 to 350
NRH-150	5-25	3 to 18	525 to 250	24 to 252
NRH-200	6-30	3 to 15	635 to 420	24 to 210

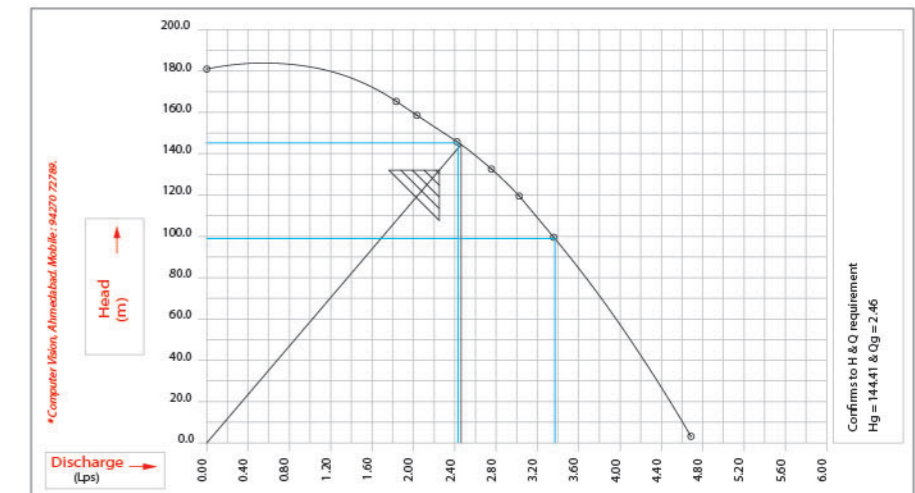
PER STAGE HEAD		11 Mtr
MAX. OUTSIDE DIAMETER		147 mm
METHOD OF STARTING	TP	DOL & SD
RPM		2850
VERSION AC SUPPLY	TP	350 to 415v
DEGREE OF PROTECTION		IP- 58
DUTY CYCLE		S1 (CONTINUOUS)
DIRECTION OF ROTATION		ANTI CLOCKWISE
MINIMUM COOLING FLOW ALONG THE MOTOR		0.15 m/sec

### SALIENT FEATURES

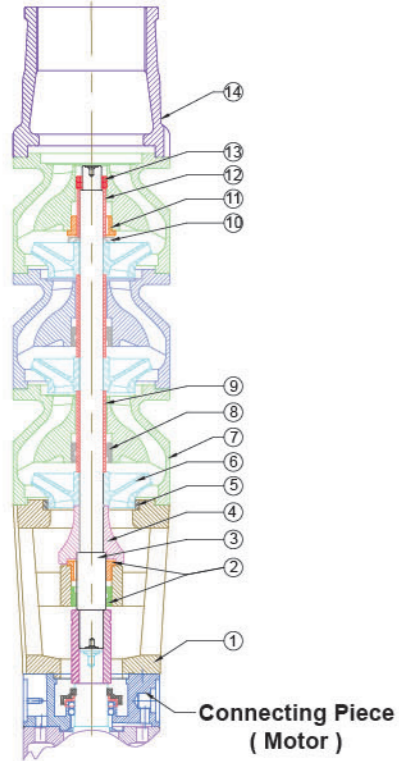
- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 3 to 30 HP in T.P.
- Wide operating voltage range

### SPECIAL OPTIONS

- Also available in NEMA standard.
- Also available in single phase upto 6 hp



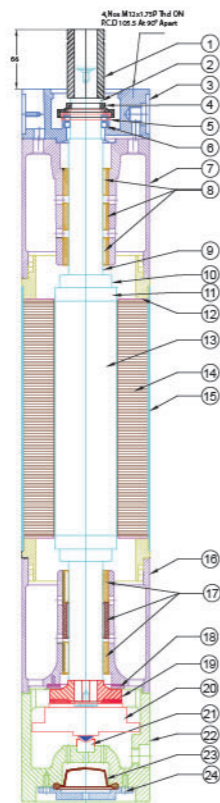
## V6 / V7 PUMP ASSEMBLY (NM7)



Sr No	Part's Name	Material
1	Intermediate Piece	C.I ( FG-200 )
2	Intermediate Bush	Nitrile Rubber & L.T.B- 4
3	Pump Shaft	S.S- 410
4	Sand Guard	C.I ( FG-200 )
5	Neck Ring	S.S- 410
6	Impeller	S.S- 410
7	Stage Casing	C.I ( FG-200 )
8	Rubber Bush	Nitrile Rubber & L.T.B- 4
9	Upper Sleeve	S.S- 410
10	Counter Washer	S.S- 410
11	Counter Bearing Bush	L.T.B- 4
12	Top Sleeve	S.S- 410
13	Check Nut	S.S- 410
14	N.R.V. Body	C.I ( FG-200 )



## V6 MOTOR ASSEMBLY



Sr No	Part's Name	Material
1	Couple	S.S- 410
2	Rotor Shaft	S.S- 431
3	Connecting Piece	C.I ( FG-200 )
4	Rubber Seal Cap	Nitrile Rubber
5	S.S Cap	S.S- 202
6	Oil Seal	Nitrile Rubber + S.S
7	Upper Brg Housing	C.I ( FG-200 )
8	Upper Brg Bush	L.T.B- 4 + Nitrile Rubber
9	Rotor	-----
10	Balance Ring	Brass
11	Copper Ring	E.C Grade
12	Stud Ring	M.S Forged
13	Rotor Stamping	CRNO
14	Stator Stamping	CRNO
15	Stator Tube	S.S- 202 ( 1% Ni- J4 )
16	Lower Brg Housing	C.I ( FG-200 )
17	Lower Brg Bush	L.T.B- 4 + Nitrile Rubber
18	Counter Bearing	Hylam Pad
19	Thrust Pad	S.S + Carbon
20	Thrust Bearing	Six Segment Carbon Pad
21	Rocker Support	S.S- 410
22	Motor Base	C.I ( FG-200 )
23	P.C.D. Cup	Nitrile Rubber
24	Motor Base Cover	C.I ( FG-200 )

## STRUCTURAL CHARACTERISTICS :



MODEL	NM7 (MIXED FLOW)	
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NOMINAL OUTLET SIZE (IN BSP THREADS)	MM	100
	INCH	4

TYPE	H.P	STAGES	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NM7-25	5-25	2 to 10	1135 to 525	16 to 125
NM7-30	6-25	2 to 8	1240 to 600	16 to 100
NM7-40	7.5-25	2 to 6	1640 to 735	16 to 76
NM7-50	5-25	1 to 5	1765 to 1030	8 to 62
NM7-60	6-25	1 to 4	1865 to 1130	8 to 50

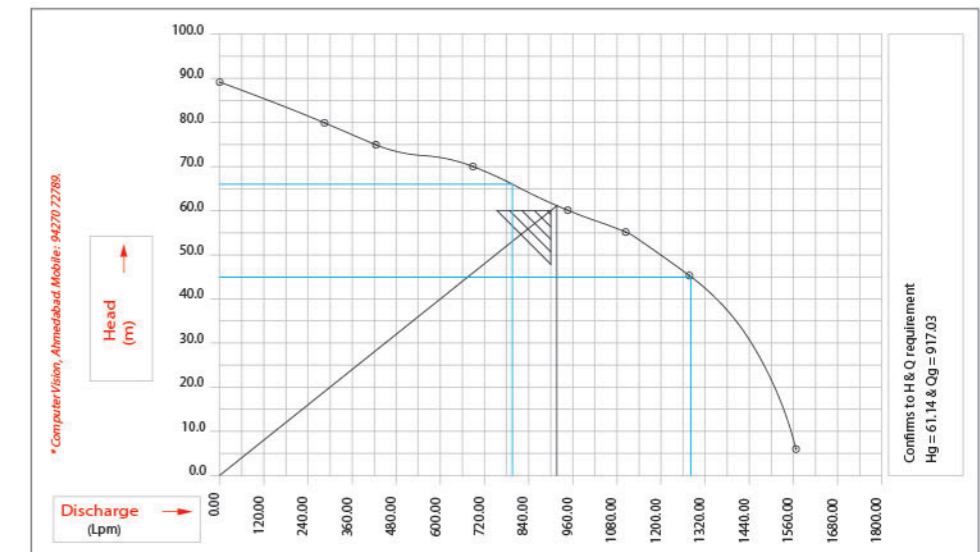
PER STAGE HEAD	10 Mtr	
MAX. OUTSIDE DIAMETER	166 mm	
METHOD OF STARTING	TP	DOL & SD
RPM	2850	
VERSION AC SUPPLY	TP	350 to 415v
DEGREE OF PROTECTION	IP- 58	
DUTY CYCLE	S1 (CONTINUOUS)	
DIRECTION OF ROTATION	ANTI CLOCKWISE	
MINIMUM COOLING FLOW ALONG THE MOTOR	0.15 m/sec	

### SALIENT FEATURES

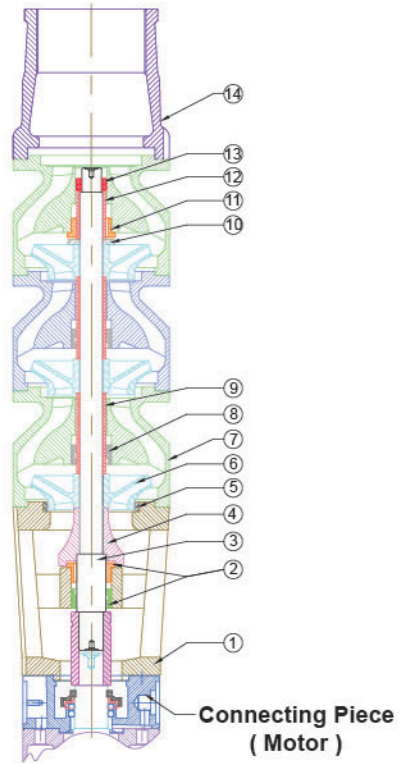
- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 3 to 25 HP in T.P.
- Wide operating voltage range

### SPECIAL OPTIONS

- Also available in NEMA standard.



## V6 / V8 PUMP ASSEMBLY (NM68)



Sr No	Part's Name	Material
1	Intermediate Piece	C.I ( FG-200 )
2	Intermediate Bush	Nitrile Rubber & L.T.B- 4
3	Pump Shaft	S.S- 410
4	Sand Guard	C.I ( FG-200 )
5	Neck Ring	S.S- 410
6	Impeller	S.S- 410
7	Stage Casing	C.I ( FG-200 )
8	Rubber Bush	Nitrile Rubber & L.T.B- 4
9	Upper Sleeve	S.S- 410
10	Counter Washer	S.S- 410
11	Counter Bearing Bush	L.T.B- 4
12	Top Sleeve	S.S- 410
13	Check Nut	S.S- 410
14	N.R.V. Body	C.I ( FG-200 )



## V6 MOTOR ASSEMBLY



Sr No	Part's Name	Material
1	Couple	S.S- 410
2	Rotor Shaft	S.S- 431
3	Connecting Piece	C.I ( FG-200 )
4	Rubber Seal Cap	Nitrile Rubber
5	S.S Cap	S.S- 202
6	Oil Seal	Nitrile Rubber + S.S
7	Upper Brg Housing	C.I ( FG-200 )
8	Upper Brg Bush	L.T.B- 4 + Nitrile Rubber
9	Rotor	-----
10	Balance Ring	Brass
11	Copper Ring	E.C Grade
12	Stud Ring	M.S Forged
13	Rotor Stamping	CRNO
14	Stator Stamping	CRNO
15	Stator Tube	S.S- 202 ( 1% Ni- J4 )
16	Lower Brg Housing	C.I ( FG-200 )
17	Lower Brg Bush	L.T.B- 4 + Nitrile Rubber
18	Counter Bearing	Hylam Pad
19	Thrust Pad	S.S + Carbon
20	Thrust Bearing	Six Segment Carbon Pad
21	Rocker Support	S.S- 410
22	Motor Base	C.I ( FG-200 )
23	P.C.D. Cup	Nitrile Rubber
24	Motor Base Cover	C.I ( FG-200 )

## STRUCTURAL CHARACTERISTICS :



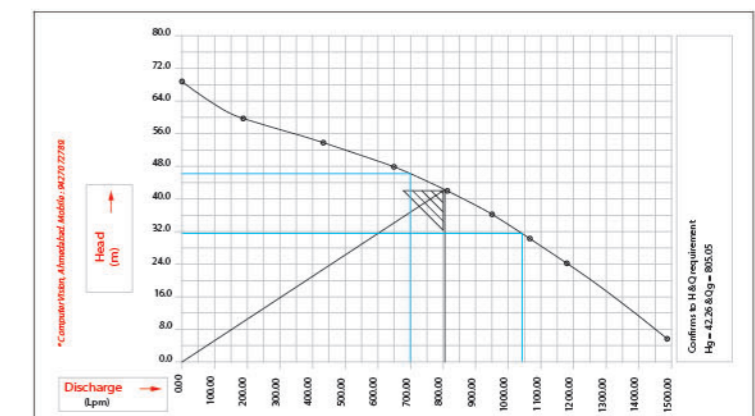
MODEL	NM68 (MIXED FLOW)			
NOMINAL OUTLET SIZE (IN BSP THREADS)	MM	100/125		
	INCH	4/5		
TYPE	H.P	STAGES	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NM68-30	6-25	2 to 8	960 to 250	11 to 137
NM68-40	7.5-25	2 to 6	1370 to 430	11 to 105
NM68-50	5-25	1 to 5	1670 to 510	6 to 87
NM68-60	6-25	1 to 4	1820 to 900	6 to 70
NM68-70	7.5-20	1 to 3	2030 to 320	6 to 60
NM68-80	7.5-25	1 to 3	2230 to 440	6 to 60
NM68-90	10-20	1 to 2	2250 to 920	6 to 40
NM68-100	10-20	1 to 2	2390 to 1060	6 to 40
NM68-120	12.5-25	1 to 2	2490 to 1160	6 to 40
PER STAGE HEAD	14/16 Mtr			
MAX. OUTSIDE DIAMETER	195 mm			
METHOD OF STARTING	TP	DOL & SD		
RPM	2850			
VERSION AC SUPPLY	TP	350 to 415v		
DEGREE OF PROTECTION	IP- 58			
DUTY CYCLE	S1 (CONTINUOUS)			
DIRECTION OF ROTATION	ANTI CLOCKWISE			
MINIMUM COOLING FLOW ALONG THE MOTOR	0.15 m/sec			

### SALIENT FEATURES

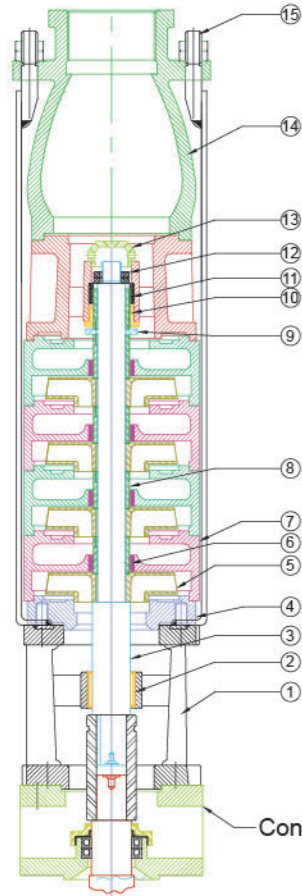
- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 6 to 25 HP in T.P.
- Wide operating voltage range

### SPECIAL OPTIONS

- Also available in NEMA standard.



## V8 PUMP ASSEMBLY (NRK-40)



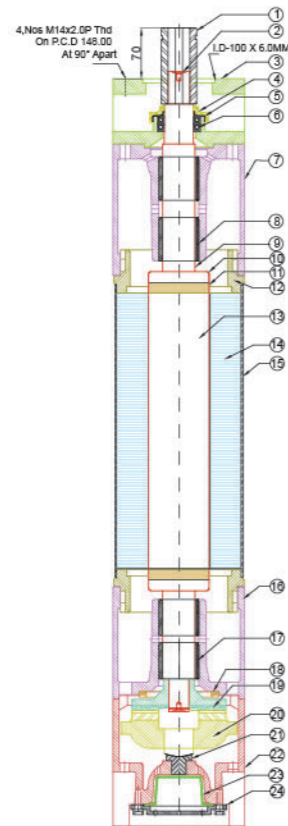
Sr No	Part's Name	Material
1	Intermediate Piece	C.I ( FG-200 )
2	Intermediate Bush	L.T.B- 4
3	Pump Shaft	S.S- 410
4	Intermediate Plate	C.I ( FG-200 )
5	Impeller	S.S- 410
6	Rubber Bush	Nitrile Rubber
7	Stage Casing	C.I ( FG-200 )
8	Upper Sleeve	S.S- 410
9	Top Washer	S.S- 410
10	Counter Bearing Bush	L.T.B- 4
11	Rubber Bush ( D.O.L )	Nitrile Rubber
12	Check Nut	S.S- 410
13	Dome Cap	Nylon
14	N.R.V. Body	C.I ( FG-200 )
15	Clamping Stud	M.S



Connecting Piece ( Motor )

## V8 MOTOR ASSEMBLY

Sr No	Part's Name	Material
1	Couple	S.S- 410
2	Rotor Shaft	S.S- 410
3	Connecting Piece	C.I ( FG-200 )
4	Rubber Seal Cap	Nitrile
5	S.S Cap	S.S- 202
6	Oil Seal	Nitrile & S.S
7	Upper Brg Housing	C.I ( FG-200 )
8	Bearing Bush	L.T.B- 4
9	Rotor	-----
10	Balance Ring	C.I ( FG-200 )
11	Copper Ring	E.C Grade
12	Stud Ring	M.S Forged
13	Rotor Stamping	CRNO
14	Stator Stamping	CRNO
15	Stator Tube	S.S- 202 ( 1% Ni- J4 )
16	Lower Brg Housing	C.I ( FG-200 )
17	Lower Brg Bush	L.T.B- 4
18	Counter Bearing	Brass
19	Thrust Pad	S.S + Teflon
20	Thrust Bearing	C.I & S.S ( Fix Segment )
21	Rocker Support	S.S- 410
22	Motor Base	C.I ( FG-200 )
23	P.C.D. Cup	Nitrile
24	Motor Base Cover	C.I ( FG-200 )



## STRUCTURAL CHARACTERISTICS :



MODEL	NRK8 (RADIAL FLOW)	
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NOMINAL OUTLET SIZE (IN BSP THREADS)	MM	75/100
	INCH	3/4

TYPE	H.P	STAGES	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NRK-20	15-30	7 to 15	540 to 200	74 to 263
NRK-25	15-36	6 to 14	730 to 300	63 to 263
NRK-30	15-45	5 to 15	840 to 360	52 to 263
NRK-40	15-50	4 to 12	1050 to 450	42 to 210
NRK-50	10-50	2 to 10	1670 to 510	11 to 175

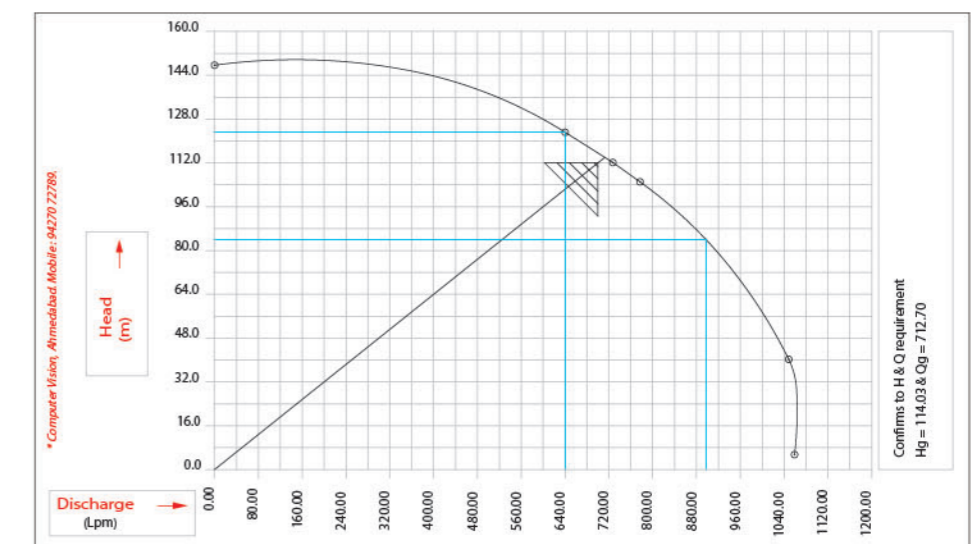
PER STAGE HEAD		14 Mtr
MAX. OUTSIDE DIAMETER		195 mm
METHOD OF STARTING	TP	DOL ,SD & ATS
RPM		2850
VERSION AC SUPPLY	TP	350 to 415v
DEGREE OF PROTECTION		IP- 58
DUTY CYCLE		S1 (CONTINUOUS)
DIRECTION OF ROTATION		ANTI CLOCKWISE
MINIMUM COOLING FLOW ALONG THE MOTOR		0.15 m/sec

### SALIENT FEATURES

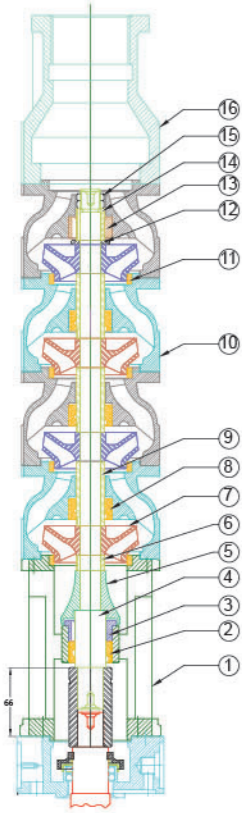
- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 10 to 50 HP in T.P.
- Wide operating voltage range

### SPECIAL OPTIONS

- Also available in NEMA standard.



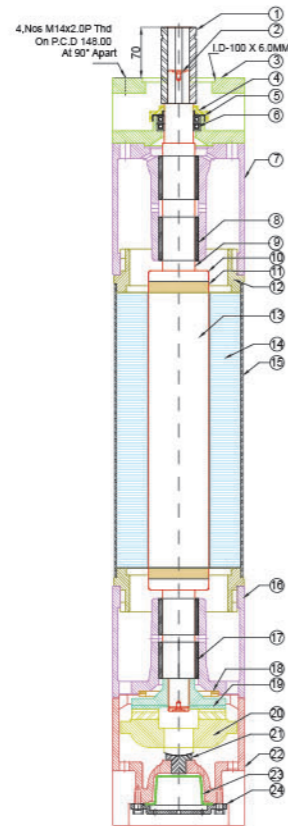
## V8 PUMP ASSEMBLY (NM8)



Sr No	Part's Name	Material
1	Intermediate Piece	C.I ( FG-200 )
2	Intermediate Bush	Nitrile Rubber
3	Intermediate Bush	L.T.B- 4
4	Pump Shaft	S.S- 410
5	Sand Guard	C.I ( FG-200 )
6	Upper Sleeve	S.S- 410
7	Impeller	S.S- 410
8	Rubber Bush (For Bowl)	Nitrile
9	Sleeve	S.S- 410
10	Stage Casing	C.I ( FG-200 )
11	Neck Ring	Nitrile Rubber
12	Top Washer	S.S- 410
13	Top Bush	L.T.B- 4
14	Top Sleeve	S.S- 410
15	Check Nut	S.S- 410
16	N.R.V. Body	C.I ( FG-200 )



## V8 Motor Assembly



Sr No	Part's Name	Material
1	Couple	S.S- 410
2	Rotor Shaft	S.S- 410
3	Connecting Piece	C.I ( FG-200 )
4	Rubber Seal Cap	Nitrile
5	S.S Cap	S.S- 202
6	Oil Seal	Nitrile & S.S
7	Upper Brg Housing	C.I ( FG-200 )
8	Bearing Bush	L.T.B- 4
9	Rotor	-----
10	Balance Ring	C.I ( FG-200 )
11	Copper Ring	E.C Grade
12	Stud Ring	M.S Forged
13	Rotor Stamping	CRNO
14	Stator Stamping	CRNO
15	Stator Tube	S.S- 202 ( 1% Ni- J4 )
16	Lower Brg Housing	C.I ( FG-200 )
17	Lower Brg Bush	L.T.B- 4
18	Counter Bearing	Brass
19	Thrust Pad	S.S + Teflon
20	Thrust Bearing	C.I & S.S ( Fix Segment )
21	Rocker Support	S.S- 410
22	Motor Base	C.I ( FG-200 )
23	P.C.D. Cup	Nitrile
24	Motor Base Cover	C.I ( FG-200 )

## STRUCTURAL CHARACTERISTICS :



MODEL	NM8 (MIXED FLOW)	
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NOMINAL OUTLET SIZE (IN BSP THREADS)	MM	75/100/125
	INCH	3/4/5

TYPE	H.P	STAGES	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NM8-30	10-45	3 to 15	960 to 250	16 to 256
NM8-40	7.5-45	2 to 12	1370 to 430	11 to 230
NM8-50	10-50	2 to 10	1670 to 510	11 to 175
NM8-60	12.5-50	2 to 8	1820 to 900	11 to 140
NM8-70	15-50	2 to 7	2030 to 320	12 to 136
NM8-80	15-50	2 to 6	2230 to 220	12 to 117
NM8-90	17.5-45	2 to 5	2250 to 920	12 to 98
NM8-100	20-50	2 to 5	2350 to 1020	12 to 100
NM8-120	25-50	2 to 4	2840 to 1910	20 to 70

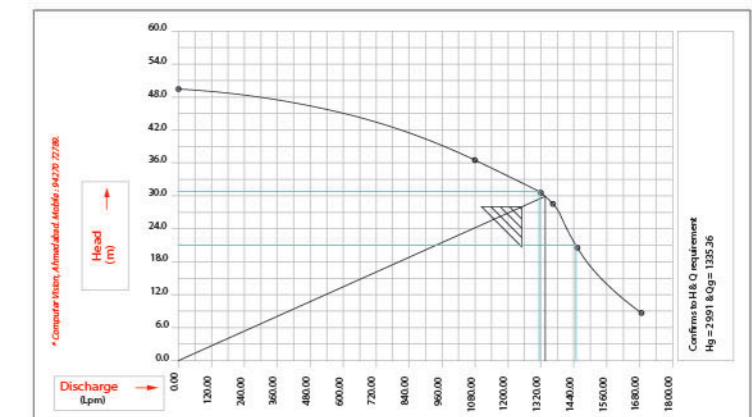
PER STAGE HEAD		14/16 Mtr
MAX. OUTSIDE DIAMETER		195 mm
METHOD OF STARTING	TP	DOL ,SD & ATS
RPM		2850
VERSION AC SUPPLY	TP	350 to 415v
DEGREE OF PROTECTION		IP- 58
DUTY CYCLE		S1 (CONTINUOUS)
DIRECTION OF ROTATION		ANTI CLOCKWISE
MINIMUM COOLING FLOW ALONG THE MOTOR		0.15 m/sec

### SALIENT FEATURES

- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 10 to 50 HP in T.P.
- Wide operating voltage range

### SPECIAL OPTIONS

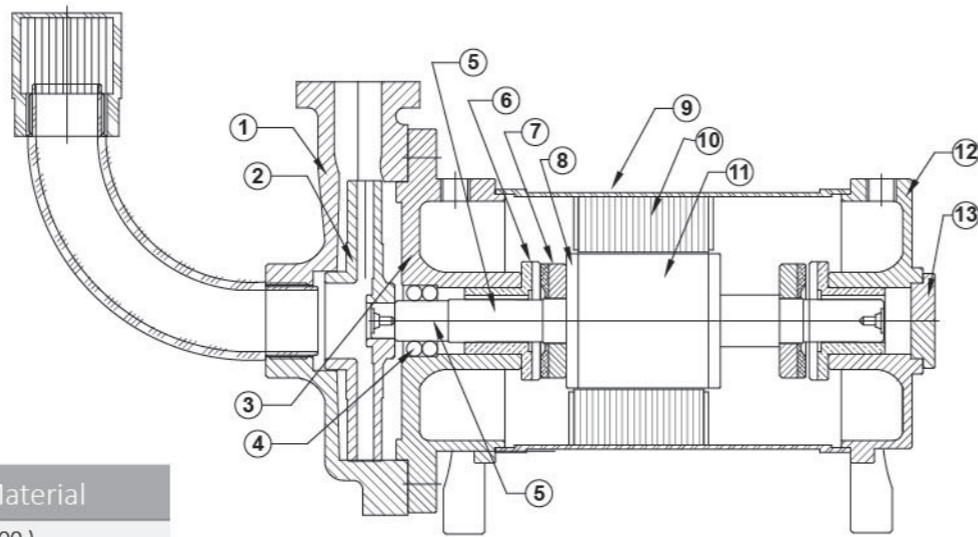
- Also available in NEMA standard.



# MONOSET 0.5 HP TO 3 HP



## STRUCTURAL CHARACTERISTICS :



Sr No	Part's Name	Material
1	Chamber	C.I ( FG-200 )
2	Impeller	C.I ( FG-200 )
3	Upper Brg Housing	C.I ( FG-200 )
4	Oil Seal	Nitrile & S.S
5	Rotor	-----
6	Counter Bearing Bush	L.T.B- 4
7	Thrust Pad	C.I + Teflon
8	Copper Ring	E.C Grade
9	Stator Tube	S.S- 202 ( 1% Ni- J4 )
10	Stator Stamping	CRNO
11	Rotor Stamping	CRNO
12	Lower Brg Housing	C.I ( FG-200 )
13	Back Cover	C.I ( FG-200 )

MODEL	NHZ			
TYPE	H.P	SUCTION/DELIVERY SIZE (MM)	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NHZ 0.5	0.5	25*25	195 to 20	6 to 21
NHZ 1.0	1	25*25	245 to 40	12 to 30
NHZ 1.5	1.5	38*38	290 to 72	9 to 30
NHZ 2.0	2	50*50	345 to 80	9 to 32
NHZ 3.0	3	65*50	650 to 100	9 to 32

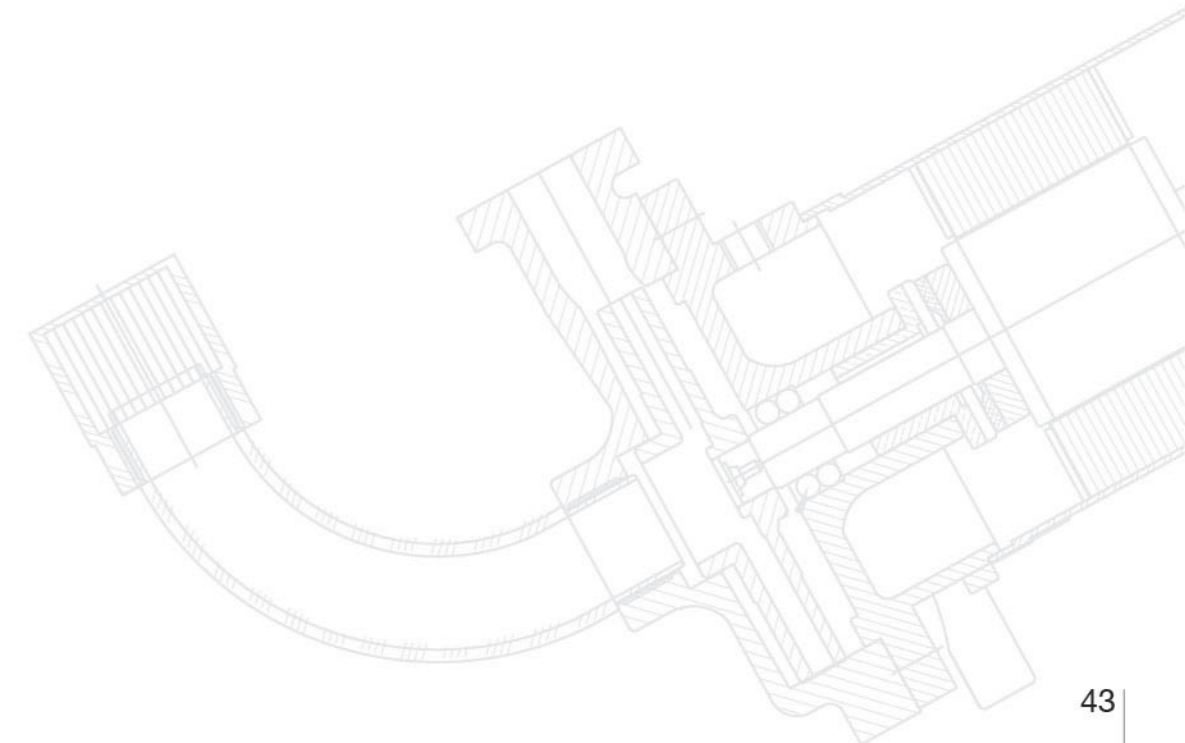
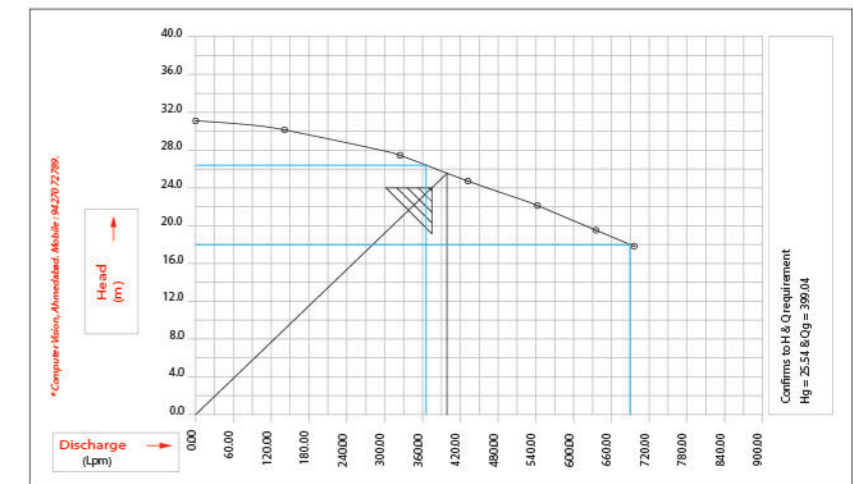
METHOD OF STARTING	SP	CSCR
	TP	DOL
RPM	2800	

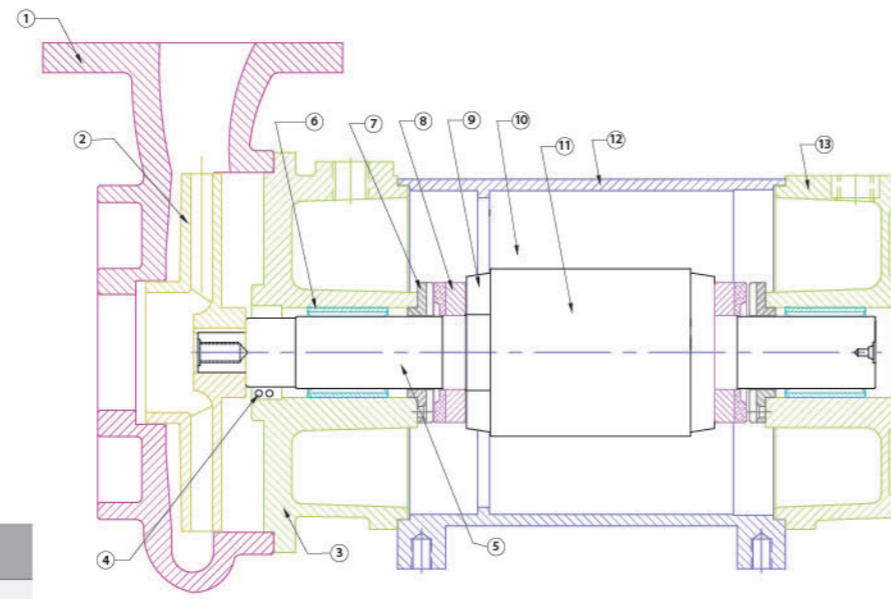
### SALIENT FEATURES

- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 0.5 to 3 HP in T.P.
- Wide operating voltage range
- confirm to IS 14220: 1994

### SPECIAL OPTIONS

- Available in aluminium/copper rotor





Sr No	Part's Name	Material
1	Chamber	C.I ( FG-200 )
2	Impeller	C.I ( FG-200 )
3	Upper Brg Housing	C.I ( FG-200 )
4	Oil Seal	Nitrile & S.S
5	Rotor Shaft	S.S- 410
6	Bearing Bush	L.T.B- 4
7	Counter Pad	S.S- 410
8	Thrust Pad	C.I + Teflon
9	Rotor	Alu/Copper
10	Stator Stamping	CRNO
11	Rotor Stamping	CRNO
12	Stator Tube	C.I ( FG-200 )
13	Lower Brg Housing	C.I ( FG-200 )



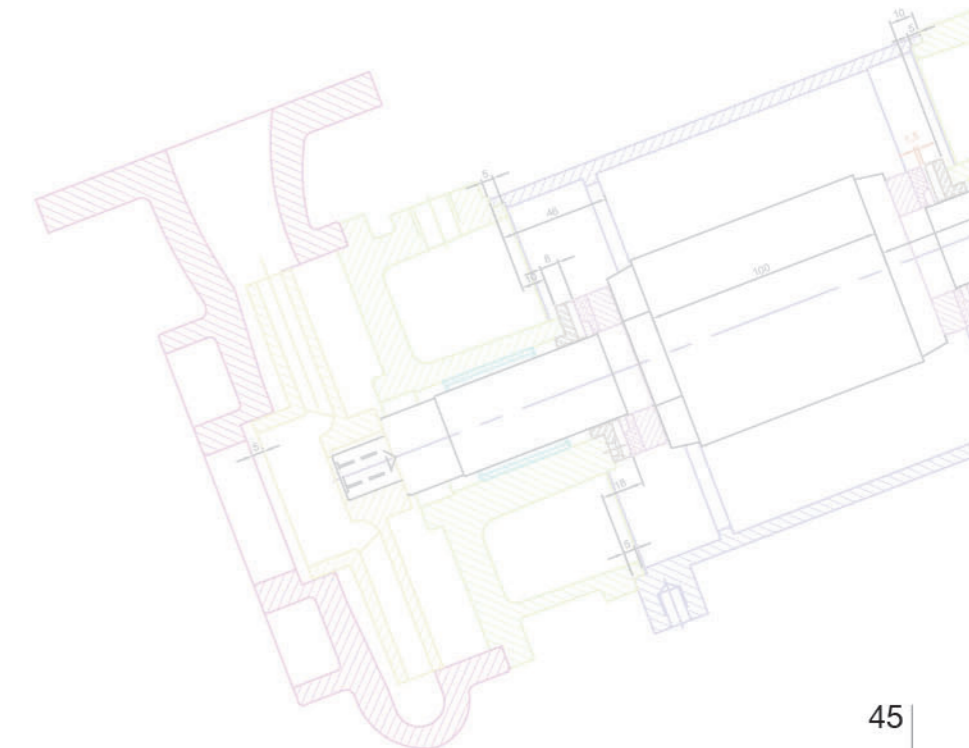
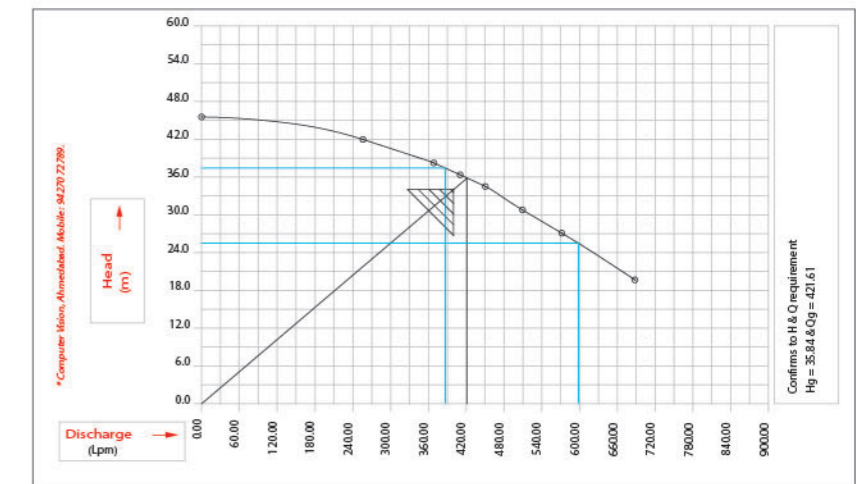
MODEL	NHZ8			
TYPE	H.P	SUCTION/DELIVERY SIZE (MM)	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NHZ8HH	3	65*50	590 to 360	5 to 22
NHZ8LH	3	65*65	766 to 192	5 to 26
NHZ8HH	5	65*50	661 to 304	5 to 38
NHZ8LH	5	65*65	1024 to 496	5 to 30
METHOD OF STARTING	TP		CSCR	
RPM	2850			

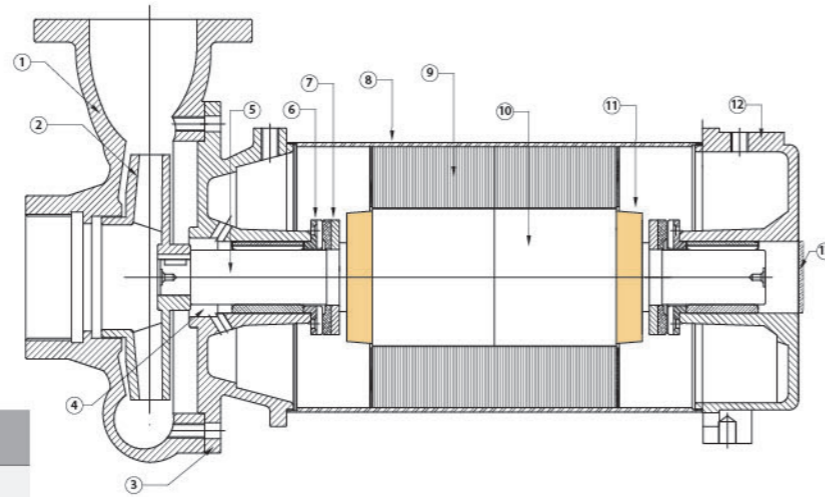
**SALIENT FEATURES**

- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 3 to 5 HP in T.P.
- Wide operating voltage range
- Confirm to IS 14220: 1994

**SPECIAL OPTIONS**

- Available in CI body only





Sr No	Part's Name	Material
1	Chamber	C.I ( FG-200 )
2	Impeller	C.I ( FG-200 )
3	Upper Brg Housing	C.I ( FG-200 )
4	Oil Seal	Nitrile & S.S
5	Rotor	-----
6	Counter Bearing Bush	L.T.B- 4
7	Thrust Pad	C.I + Teflon
8	Stator Tube	M.S. / S.S.
9	Stator Stamping	CRNO
10	Rotor Stamping	CRNO
11	Alluminium Die Cast	E.C Grade
12	Lower Brg Housing	C.I ( FG-200 )
13	Back Cover	C.I ( FG-200 )

MODEL	NHZ9			
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TYPE	H.P	SUCTION/DELIVERY SIZE (MM)	DISCHARGE (LPM)	HEAD RANGE (MTR.)
NHZ9HH	3	65*50	590 to 360	5 to 22
NHZ9LH	3	65*65	766 to 192	5 to 26
NHZ9HH	5	65*50	661 to 304	5 to 38
NHZ9LH	5	65*65	1024 to 496	5 to 30
NHZ9HH	6.5	65*50	541 to 351	5 to 38
NHZ9LH	6.5	65*65	1210 to 676	5 to 28
NHZ9HH	7.5	65*50	649 to 490	30 to 38
NHZ9LH	7.5	65*65	730 to 540	24 to 32
NHZ9LH	7.5	80*80	1183 to 715	5 to 30

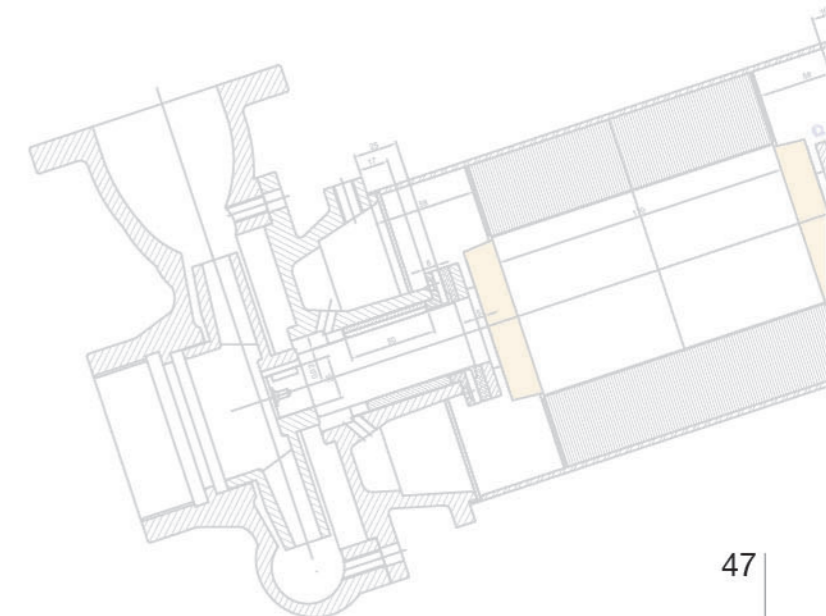
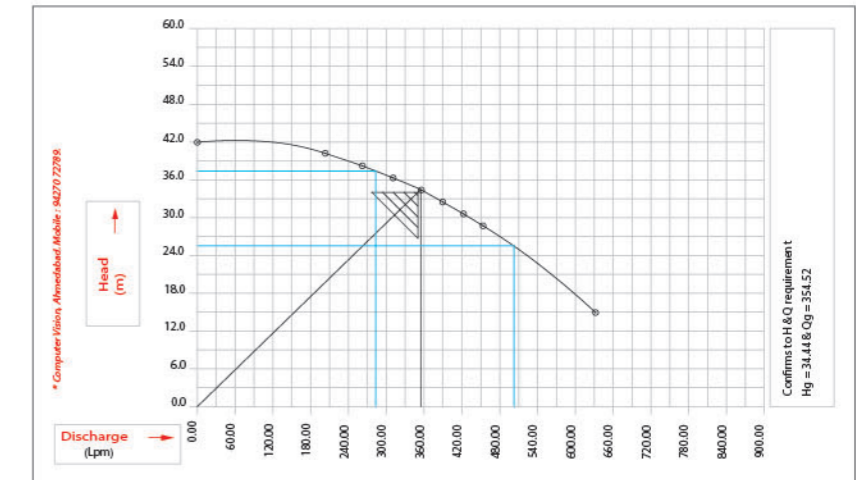
METHOD OF STARTING	TP	DOL
RPM		2850

**SALIENT FEATURES**

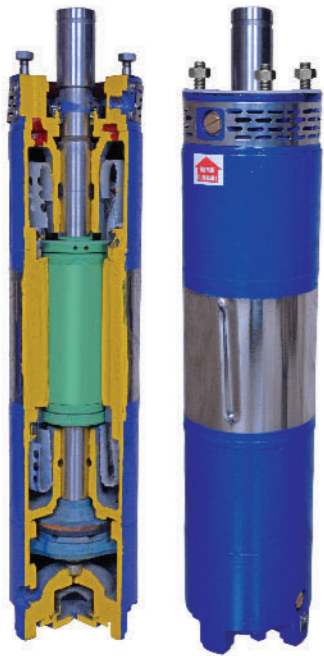
- Confirm to IS 8034: 2002
- Energy efficient pumpsets
- Easy to dismantle and repair
- Available from 3 to 7.5 HP in T.P.
- Wide operating voltage range
- confirm to IS 14220: 1994

**SPECIAL OPTIONS**

- Available in SS & MS body only



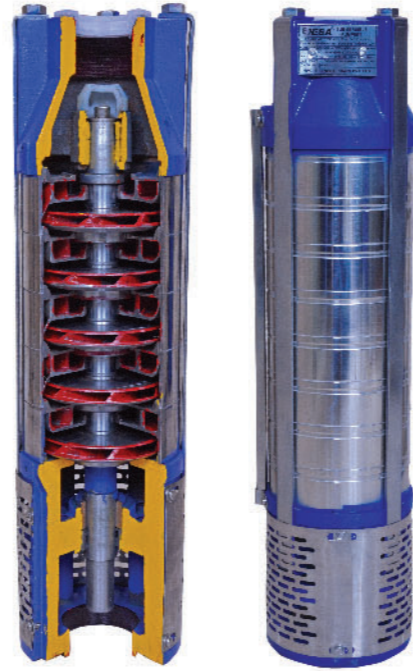




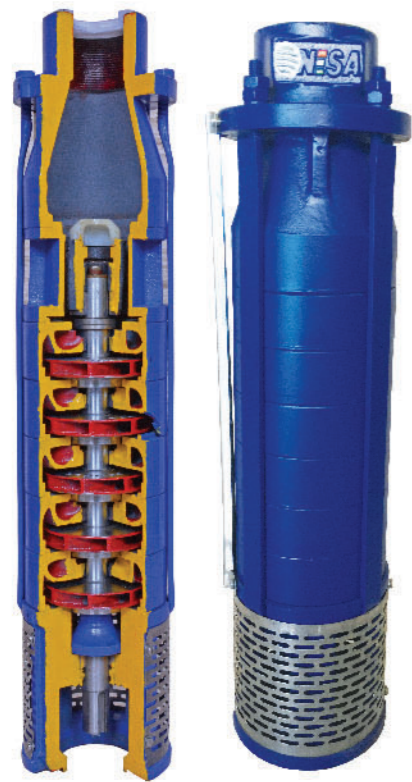
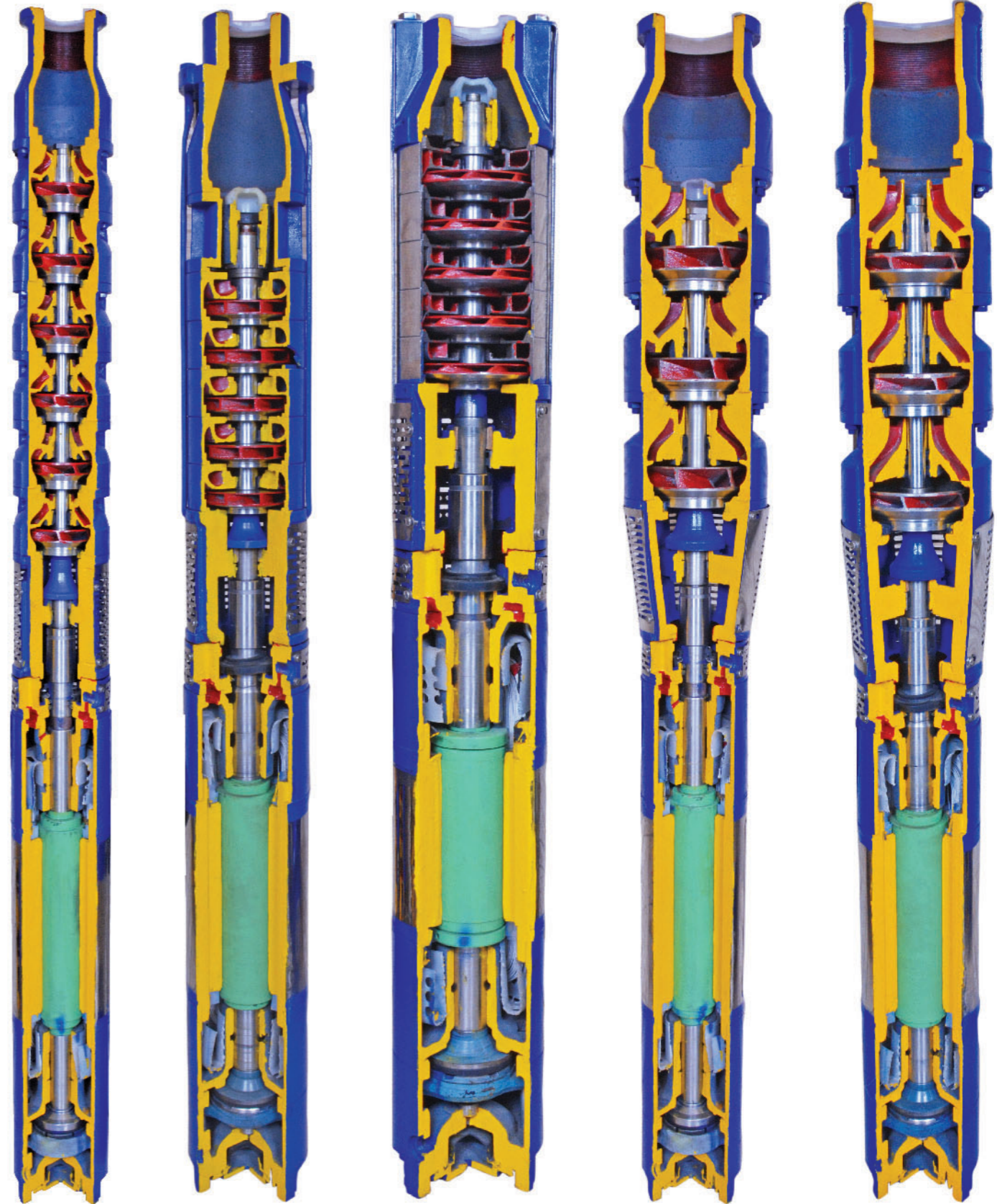
V6 MOTOR



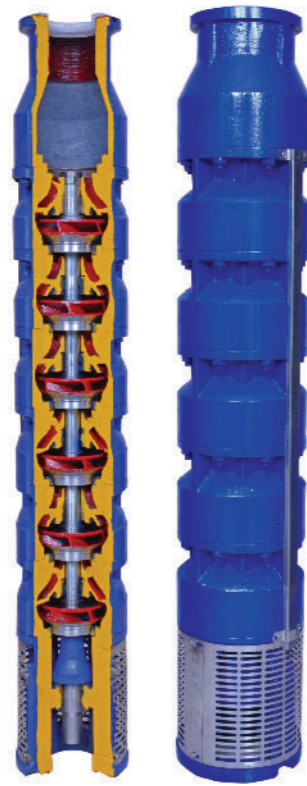
V6 MOTOR



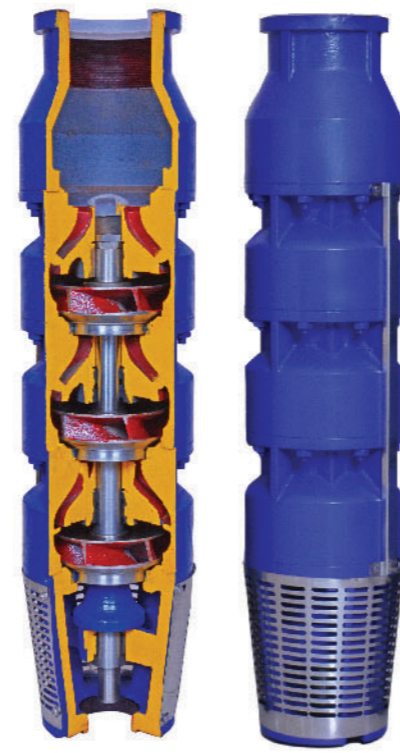
V6 PUMP ( NRH6 )



V6 PUMP ( NR6 )



V6 PUMP ( NM6 )



V7 PUMP ( NM7 )



SALIENT FEATURES

- Can be used for any type of Motor or Pump loads
- Available in 5 HP capacity range
- Motor can accept both solar and grid input
- Efficiently works on Solar energy during day-time and on Grid during night-time
- Long term, environment friendly , economic solution with proven technology based on variable speed drive

SOLAR PUMP SYSTEM AND ITS USAGE

Solar Pump System consists of Solar Inverter, Water Pump and PV array. This system or instrument is particularly used for residential areas and irrigation, desert control, livestock breeding, to let water reach islands, water treatment plant etc. Solar Pump Inverter helps pump to run neatly and smoothly. It also reduces costs of instrument and its maintenance. 3 phase AC motor runs water pump. This pump either draws water from deep wells, rivers and lakes for pouring it in tanks/ponds or is been joined directly through irrigation/fountain systems.

SOLAR PUMP FUNCTIONAL METHODOLOGY

