



# Rajkot Engineering Sales Corporation

## HEAD OFFICE:

### ❑ **RAJKOT ENGINEERING SALES CORPORATION**

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**Work at: vavadi industrial area.**

### ❑ **RAJKOT ENGINEERING SALES CORPORATION**

**12-4-10, PARK ROAD,  
TARAPET,**

**VIJAYAWADA-520001.(A.P.)**

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## ABOUT OUR ORGANIZATION:

- **Rajkot Engineering Sales Corporation** put a milestone in the Year of 1974. Since then Company has & is growing with rapid technological pace with the best team of Managers, Engineers, Skilled & Semiskilled Workers.
- **Rajkot Engineering Sales Corporation** started with well qualified and vastly experienced team members. It is customer focused organization and now well known as Manufacturer and Suppliers of centrifugal water Pumps and all kind of pump spares and pipe fittings for the Domestic and International Market Requirements.
- **Our Company** is based at Rajkot, Gujarat with wide dealer network in Gujarat and Andhra Pradesh. We sell our products through our branch or sales office Rajkot Engineering Sales Corporation in Vijayawada, Andhra Pradesh and our sister concern Rajkot Engineering Corporation in Ahmedabad, Gujarat. Our aim is to spread our dealer network throughout India.



# INTRODUCTION:

- **Rajkot Engineering Sales Corporation** has over 40 years of experience in diesel engine spares, pump fittings & pump spares used for irrigation in agriculture, aquaculture and various other related industries.
- We are a proud Indian Company involved in the business of Manufacturing & Exporting Centrifugal Water Pump & C.I Casting or cast iron water pump fittings & pump spares like Foot valves, Flanges, Hose Nipples(Collars), Impellers, Hose Connectors, PVC Suction Hose Pipes, GI Pipe Bends.
- We are also leading manufacturers of C.I. Casting that are customized to meet our clients' requirements, designs, drawings, sample etc.



# OUR VISION:

- PROVIDING WATER PUMPING SOLUTION TO
  - FARMS
  - HOUSEHOLDS
  - INDUSTRIES



# OUR STRENGTH:

- One stop solution for all your irrigation needs
- CI Casting manufactured using high-grade cast iron
- Fit our spares once, forget for long time
- Strict monitoring of quality, threads and fitments
- Durable & corrosion resistance
- Development of Cast Iron products as per buyer needs, design, drawings, sample etc




# QUALITY ASSURANCE:

- Hardness Tester.
- Digimetic Vernier Callipers.
- Digimetic Out Side Micrometer.
- Various types of Snap Gauges for O.D. inspection of pitch diameter.
- Various types of Thread Ring Gauges for various sizes.
- Strict monitoring of quality, threads and fitments
- Analysis of field's complaints, preventive and corrective actions.
- Preparation of quality



## OUR BRANDS:

- Our brand  in Centrifugal Water Pump, Foot valve, Hose Nipple (Collars), Impellers & PVC Hose Pipe.

- Our brand  in Centrifugal Water Pump, Foot valve & Impellers.

- Our brand  in Hose Nipple (Collars), GI & BP Pipe Bends.



# OUR PRODUCTS:

## CENTRIFUGAL WATER PUMP:



- Our centrifugal pumps are generally used in Agriculture, Aquaculture, Farm Houses, and Irrigation etc, to get water from Dam site, ponds, Canals, bore wells etc.
- Our range of Centrifugal Water Pump is known as Double Bearing oil seal type. Our pumps can be coupled directly with Petter or high speed diesel engines. Further our Centrifugal water pump also comes with “V” belt pulley that can be driven with tractor.

# MARUTI PUMP WITH TRACTOR :



- Centrifugal Water Pump Oil Seal Type DB (direct couple/pulley drive):

BRAND	SIZE IN MM	LPS	HEAD RANGE	RPM	PRIME MOVER KW/HP	EFFICIENCY	WEIGHT IN Kg.
Maruti 4" x 4"	100 x 100mm	34	8.5-12m	1500	5.9/8	71%	38.000
Radha 4" x 4"	100x 100mm	34	8.5-12m	1500	5.9/8	71%	38.000
Maruti 3" x 2.5"	80x 65mm	24.5	10-17m	1500	3.7/5	68%	28.000

# CHINA PUMP FOR (CHINA ENGINE):



# MINI MARUTI PUMP FOR (5 & 6.5HP ENGINE):



○ Mini Centrifugal Water Pump Oil Seal Type DB (china and mini water cooled engine):

BRAND	SIZE IN MM	LPS	HEAD RANGE	RPM	PRIME MOVER KW/HP	EFFICIENCY	WEIGHT IN Kg.
Maruti 4" x 4" mini	100 x 100mm	17	10-17m	2600	4.4/5	68%	19.350
Maruti 3" x 3" mini	80 x 80mm	12.5	13.5-19m	2600	2.94/4	71%	17.300
Maruti 3" x 2.5" mini	80 x 65mm	12.5	13.5-19m	2600	2.94/4	71%	17.300

# SUBMERSIBLE PUMPS & OPEN WELL:

## ○ V-4 Submersible pump set -100mm

- These pumps are multistage centrifugal pumps with radial or mixed flow impellers which operates submerged beneath the surface water, suitable for 100mm bore wells & above.



## ○ Technical details

Power Range	0.5 HP to 2.0 HP (180v/240v, 50Hz AC Single Phase) 1.0 HP to 5.0 HP (350v/415v, 50Hz AC Three Phase)
Speed	2880 RPM
Max. Discharge	300 LPM
Min. Discharge	10 LPM
Max. Head	1000 Feet
Per Stage head	20 Feet



## ○ Material of construction for pump

Part name	Materials
Impeller/Diffuser	Noryl –GFN 2-701 Grade
Bearing Bush	Leaded tin bronze
Pump shaft	S.S. 431
Strainer / cable guard	Stainless Steel
Suction / NRV	C.I. cast iron

## ○ Material of construction for motor

Part name	Materials
Shaft	S.S. 431/ S.S.410
Bearing bush	Leaded tin bronze
Thrust bearing	Stainless steel & carbon
Winding wires	EC Grade silver touch
Upper, lower housing, connection pitch & baize	C.I. Cast iron
Stamping	CRNO M-45 Grade

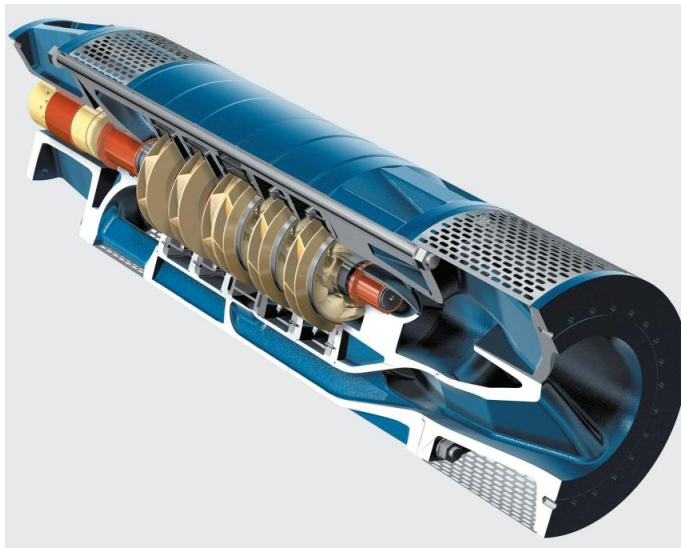




**RESCO**  
SUBMERSIBLE PUMPS

## ○ V-6 Submersible pump set -150mm

- These pumps are multistage centrifugal pumps with radial or mixed flow impellers which operates submerged beneath the surface water, suitable for 150mm bore wells & above.



## ○ Technical details

Power Range	3.0 HP to 25.0 HP (300v/415v, 50Hz AC Three Phase)
Speed	2880 RPM
Max. Discharge	1300 LPM
Min. Discharge	60 LPM
Max. Head	1500 Feet
Per Stage head	53 Feet



## ○ Material of construction for pump

Part name	Materials
Impeller/Diffuser	Noryl –GFN 2-701 Grade, S.S. 304 Bowl and impeller
Bearing Bush	Leaded tin bronze(LTB-4)
Pump shaft	S.S. 431
Strainer / cable guard	Stainless Steel
Suction / NRV	C.I. cast iron 20 Grade

## ○ Material of construction for motor

Part name	Materials
Shaft	S.S. 431/ S.S.410
Bearing bush	Leaded tin bronze(LTB-4)
Thrust bearing	Stainless steel 304 Grade loose segment & carbon
Winding wires	EC Grade 2% silver touch
Upper, lower housing, connection pitch & baize	C.I. Cast iron 20 Grade
Stamping	CRNO M-45 Grade



## ○ Horizontal open well submersible pump

- Horizontal open well submersible pump set these single stage Centrifugal pump are ideally suitable for open well where there is wide fluctuation in water level. This works underwater & it rests at the well hence suction & priming problems do not arise. Prime mover motor is of wet type. Water lubricated, water cooled rewind able motor. The stator is wound with special water proof bi-axially oriented synthetic film insulated winding wires.



## ○ Technical details

Type	Bore Size	Outlet	H.P.	Head Range	Discharge Range	Phase
Horizontal open well pump	-	1",1.50" 2",2.50"	0.5HP to 7.5HP	10-50 meter	35-1200 LPM	1.Phase 3.Phase



## CI FLANGES:



- We manufacture wide range C.I or Cast Iron Flanges like Delivery Flange (light), Suction Flange (Heavy), Reducer Flange, Square Flange, and Triangle Flange. Sizes included are 2", 2.5", 3", 4" and 6".



## ○ CAST IRON FLANGES “RADHA”:

- Delivery Flange Round (Light):



Delivery Flange Round (Light)	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT
2" (50mm)	0.917	12	11.000 Kg
2 ½" (65mm)	1.250	12	15.000 Kg
3" (80mm)	1.417	12	17.000 Kg
4" (100mm)	2.000	12	24.000 Kg

- Suction Flange Round (Heavy):



Suction Flange Round (Heavy)	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT
2" (50mm)	1.0921	12	13.100 Kg
2 ½" (65mm)	1.417	12	17.000 Kg
3" (80mm)	1.833	12	22.000 Kg
4" (100mm)	2.545	12	30.500 Kg
6" (150mm)	4.917	6	29.500 Kg

- Square Type Flange:



Square Type Flange	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT
2 ½" (65mm)	1.333	12	16.000 Kg
3"(80mm)	1.500	12	18.000 Kg
4" (100mm)	2.375	12	28.500 Kg



- Reducer Flange:



Reducer Flange	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT
2 ½" x 2" (65x50mm)	1.250	12	15.000 Kg
3" x 2" (80x50mm)	1.833	12	22.000 Kg
3" x 2 ½" (80x65mm)	1.875	12	22.500 Kg
4" x 3" (100x80mm)	2.854	12	34.250 Kg



- Triangle Flange:



Triangle Flange	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT
Nw + Triangle Flange	1.380	25	34.500 Kg
Nw 2 Triangle Flange	1.380	25	34.500 Kg
Rainbow+ Triangle Flange	1.380	25	34.500 Kg
Maruti Triangle Flange	1.380	25	34.500 Kg

## CI HOSE NIPPLES(COLLARS):



- We manufacture two varieties of C.I Hose Collar (Nipples) with different sizes under the brand name of Radha (heavy) and Sigma Black (light) with sizes varying from 2", 2.5", 3", 4" & 6" and also available in medium and long varieties. Our Hose Collars is available at industrial leading prices.



○ CI OR CAST IRON HOSE NIPPLES OR HOSE COLLARS:

- C.I. Hose Nipple Mid.“RADHA”  
(Heavy):



C.I. Hose Nipple Mid. “RADHA” (Heavy)	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT	Height in mm
3”(80mm)	0.940	24	22.000 Kg	132
4” (100mm)	1.420	15	23.000 Kg	133



- C.I. Hose Nipple Ex. Long “RADHA” (Heavy):



C.I. Hose Nipple Ex. Long “RADHA” (Heavy)	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT	Height in mm
2” (50mm)	0.500	45	21.000 Kg	111
2 ½” (65mm)	0.875	24	21.000 Kg	137
3”(80mm)	1.100	20	21.000 Kg	161
4” (100mm)	2.100	12	25.500 Kg	174
6” (150mm)	4.167	6	25.000 Kg	186



- C.I. Hose Nipple Mid. “SIGMA BLACK”  
(Light)



C.I. Hose Nipple M/H “SIGMA BLACK” (Light)	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT	Height in mm
3”(80mm)	0.860	24	20.500 Kg	126
4” (100mm)	1.200	15	18.000 Kg	130

- C.I. Hose Nipple Long “SIGMA BLACK”  
(Light)



C.I. Hose Nipple Long “SIGMA BLACK” (Light)	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT	Height in mm
2” (50mm)	0.473	45	21.300 Kg	110
2 ½” (65mm)	0.663	24	15.900 Kg	126
3”(80mm)	1.000	20	20.000 Kg	149
4” (100mm)	1.595	12	19.140 Kg	162
5” (125mm)	2.778	9	25.000 Kg	182
6” (150mm)	3.420	6	20.500kg	186



## CI HOSE CONNECTOR:



We are offering our client an excellent quality CI or Cast Iron Hose Connectors. These connectors are precision engineered to achieve high dimensional accuracy. Fabricated using premium quality cast iron, these are recognized for their features like corrosion resistance, reliability and durability. Additionally, owing to their versatility, Hose Connectors are widely used in various industries like construction, engineering and also suitable for export considering its quality.



○ CI OR CAST IRON HOSE  
CONNECTORS “RADHA”:

- HOSE CONNECTOR:



HOSE CONNECTOR	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT	Height in mm
2" (50mm)	0.675	40	27.000 Kg	144
2 ½" (65mm)	0.875	24	20.000 Kg	147
3"(80mm)	1.000	24	23.500 Kg	152
4" (100mm)	2.375	8	19.000 Kg	220
6" (150mm)	5.250	4	21.000 Kg	260



## CI FOOT VALVES:



- Our provides wide ranges of foot valves like Kirlosker Type Foot Valve(frictionless), Bore Foot Valve, HB-3 Foot Valves and Check Valves like Pondy Check Valve, Agro Valve (check valve).
- Our Foot valves are used for irrigation purpose in agriculture, aquaculture and other pumping application, where water may be dirty due to suspended silt and sand.

○ C.I. FOOT VALVES /  
CHECK VALVES:



- HB-3 Bolt Foot Valve Heavy “RADHA”:

HB-3 Bolt Foot Valve Heavy “RADHA”	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT
2” (50mm)	1.860	12	22.300 Kg
2 ½” (65mm)	2.220	12	26.600 Kg
3” (80mm)	3.000	9	27.000 Kg
4” (100mm)	4.750	4	19.000 Kg



- (K.T.) Foot Valve “RADHA”:



(Kirlosker Type) Plain Foot Valve “RADHA”	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT
2” (50mm)	2.375	12	28.500 Kg
2 ½” (65mm)	3.000	9	27.000 Kg
3”(80mm)	4.667	6	28.000 Kg
4” (100mm)	6.625	4	26.500 Kg
4” (100mm) ”RADHA” BOX PACK	7.700	4	30.800 Kg
6” (150mm)	17.000	1	17.000 Kg



- Bore Foot Valve “MARUTI”:



Bore Foot Valve “MARUTI”	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT
2” (50mm)	1.120	25	28.000 Kg
2 ½” (65mm)	1.781	16	28.500 Kg
3”(80mm)	2.250	12	27.000 Kg
4” (100mm)	4.083	6	24.500 Kg



- Agro Valve (Check Valve) “MARUTI”:



Agro Valve (Check Valve) “MARUTI”	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT
2” (50mm)	1.688	16	27.000 Kg
2 ½” (65mm)	2.500	12	30.000 Kg
3” (80mm)	3.056	9	27.500 Kg



- Pondy Check Valve “RADHA”:



Pondy Check Valve “RADHA”	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT
3” x 3” (80x80mm)	5.625	6	33.750 Kg
4” x 3” (100x80 mm)	6.750	4	27.000 Kg
4” x 4” (100x100mm)	6.875	4	27.500 Kg



## CI IMPELLERS:



- We are offering our client an excellent quality range of C.I. Impellers. These C.I Impellers are made from very high quality cast iron which ensures high durability at its user end. Different sizes and designs are easily available in the market. Our C.I Impellers are available at industrial leading prices.



## ○ CI or CAST IRON IMPELLERS “RADHA”:



IMPELLERS	WEIGHT PER PIECE IN Kg.(app.)	PIECE PER BAG	BAG WEIGHT
Nw – 2 Impellers “RADHA”	4.250	8	34.000 Kg
Nw – 2 + Impellers “RADHA”	4.063	8	32.500 Kg
Nw – 4 + Impellers “RADHA”	3.688	8	29.500 Kg
4” x 4” Maruti Impellers	3.688	8	29.500 Kg
4” x 4” china Impellers	1.400	25	35.000 Kg
3” x 3” china Impellers	1.400	25	35.000 Kg



# PVC SUCTION HOSE:



- Our range of PVC Suction Hose Pipes are available in different diameters and quality (Medium & Heavy Duty) to serve diverse applications like Suction, Transmission, Conveyance, Ducting etc. These PVC Suction Hose Pipes are made of premium quality, highly durable and have long lasting functional life. They come under the brand name of **“RADHA FLEX” & “SILVER FLEX”**.
- Compared to all the PVC Suction and delivery hoses in the market it is the best alternative in terms of quality, efficiency, long life and most important price. So why pay more for premium brands when you can get the similar quality at much cheaper price.

- Heavy Duty Suction Hose Pipe Green  
“RADHA FLEX”



### HEAVY DUTY HOSE PIPE Green “RADHAFLEX”

Size	Weight	Length in mm	Packing
¾"	6 - 6.5	30	5 – ROLL
1"	8 - 8.5	30	5 – ROLL
1 ¼"	11 - 12	30	3 – ROLL
1 ½"	14 - 15	30	3 – ROLL
2"	24 - 25	30/36/45	2 – ROLL
2 ¼"	28 - 29	30/36/45	1 – ROLL
2 ½"	34 - 35	30/36/45	1 – ROLL
3"	43 - 45	30/36/45	1 – ROLL
3 ½"	58 - 60	30	1 – ROLL
4"	73 - 75	30	1 – ROLL
4 ½"	90 - 95	30	1 – ROLL



- Heavy Duty Suction Hose Pipe Grey  
“RADHA FLEX”



### HEAVY DUTY HOSE PIPE Grey “RADHAFLEX”

Size	Weight	Length in mm	Packing
2"	25-26	30/36/45	1 – ROLL
2 ½"	35-36	30/36/45	1 – ROLL
3"	44-46	30/36/45	1 – ROLL
4"	74-76	30	1 – ROLL
5"	115-120	15/18/22	1 – ROLL
6"	172-177	15/18/22	1 – ROLL



## ○ Medium Duty Suction Hose Pipe Green



### MEDIUM DUTY HOSE PIPE

Size	Weight	Length in mm	Packing
¾"	5.5 - 6	30	5 – ROLL
1"	7.5 - 8	30	5 – ROLL
1 ¼"	10.5 - 11.5	30	3 – ROLL
1 ½"	12.5 - 13	30	3 – ROLL
2"	21.5 - 22.5	30/36/45	2 – ROLL
2 ¼"	26 - 27	30/36/45	1 – ROLL
2 ½"	31 - 32	30/36/45	1 – ROLL
3"	40 - 42	30/36/45	1 – ROLL
3 ½"	55 - 57	30	1 – ROLL
4"	70 - 71	30	1 – ROLL
4 ½"	85 - 90	30	1 – ROLL



## GI & BP PIPE BENDS:



- We offer our client an excellent quality range of Galvanized Iron or GI Pipe Bends and Black Pipe or BP bends, which are manufactured from high grade quality pipes. They are used mainly in the agriculture and aquaculture for irrigation purposes. These G.I Bends are widely known for its durability and quality. Our G.I Bends can be availed at industrial leading price.



## ○ BLACK PIPE AND GALVANIZED PIPE BENDS “SIGMA”



GI & BP PIPES BENDS	REGULAR SIZES						
BP Pipe Bends “SIGMA”	0.75” (20mm)	1” (25mm)	1.5” (40mm)	2” (50mm)	2.5” (65mm)	3” (80mm)	4” (100mm)
GI Pipe Bends “SIGMA” A Class	0.75” (20mm)	1” (25mm)	1.5” (40mm)	2” (50mm)	2.5” (65mm)	3” (80mm)	4” (100mm)
Hose Bend (Groove bend)	0.75” (20mm)	1” (25mm)	1.5” (40mm)	2” (50mm)	2.5” (65mm)	3” (80mm)	4” (100mm)

# TERMS & CONDITIONS:

- GOVERNMENT TAXES EXTRA.
- PACKING & FORWARDING EXTRA.
- SUBJECT TO RAJKOT JURISDICTION.
- PRICE ARE SUBJECT TO CHANGE ACCORDING TO MARKET FLUCTUATION.



# OUR MISSION:

- To empower & develop business to
  - Provide maximum customer satisfaction.
  - Provide daily water solution to people.
  - Create entrepreneurs who can provide maximum employment & bring in innovative business ideas.
  - Integrate backward & forward.
  - Enter new markets in water pumping solution wise , geographical area wise & industry wise.
  - Create maximum branches & dealers.
  - Share our profit with society & for environment.
  - Benefit customers , dealers , employees & all stake holders.



THANK YOU

