



**C.R.I. PUMPS**

Pumping trust. Worldwide.



## **ECR & ECRV SERIES**

### **RUBBER LINED SLURRY & SLUDGE PUMPS**

#### **GROWING REQUIREMENTS & ADDITIONAL MARKETS**

By keeping a close eye on Market and Industry needs, C.R.I. Pumps has ensured that its new ECR & ECRV range of heavy duty, high performance, solids handling pumps can cater to a wide and diverse set of industries and applications, some of which are listed below:-

#### **INDUSTRIAL EFFLUENTS AND PROCESS LIQUORS**

- Abrasive Slurries and Sludges
- Abrasive Chemicals & Process Liquors
- Abrasive Fibrous Pulp and Solids
- Solids Entrained Liquors
- Effluent Treatment
- Erosive and Corrosive Slurries
- Sand Filter & Process Systems
- Cyclone Feed & Underflow

#### **MINING & MINERAL PROCESSING & POWER GENERATION & STEEL INDUSTRIES**

- Aggregate & Mineral Slurries
- Mineral & Ore Processing
- Cyclone Feed & Underflow
- Tailings Disposal
- Lime & Clay Slurries
- Classifier Underflow
- Dewatering, Washdown & Sluicing
- High Density Slurries & Sludges
- Highly Abrasive Solids in Suspension
- Erosive/Corrosive Solids Handling
- Other Effluent, and General Industrial Slurry & Sludge Applications

## **INNOVATION NEVER STOPS AT C.R.I. PUMPS!**

RUGGED, RELIABLE, HIGH QUALITY, and HIGHLY EFFICIENT are just but a few of the positive and descriptive words now being used for C.R.I. Pumps new offering to the Industrial Pump market!

The ECR range of Rubber Lined Slurry Pumps now augments and compliments C.R.I. Pumps existing and extensive Water Pump ranges.

True to its tradition as a market leader, the newly designed pumps are based on proven technology and the range covers 9 different sizes, which can be customized to suit your specific application.

#### **SALIENT FEATURES**

- 9 Pump sizes built around 5 power frames
- Greater wear life
- Ease of maintenance
- Fixed/ Variable speed drive.
- High performance
- Closed/ Open Impeller
- Tangential Discharge Casing
- Gland Packing/ Mechanical Seals
- Removable Suction & Rear casing Liners
- High Shaft & Bearing strength
- Maximum bearing protection
- Standard Oil Splash Lubrication
- Variable discharge nozzle positions
- Available in Horizontal and Vertical Cantilever Configurations

**PUMPING SOLUTIONS. ENGINEERED FOR A WORLD OF INDUSTRY**



# ECR & ECRV SERIES

## RUBBER LINED SLURRY & SLUDGE PUMPS

### OPERATING DATA

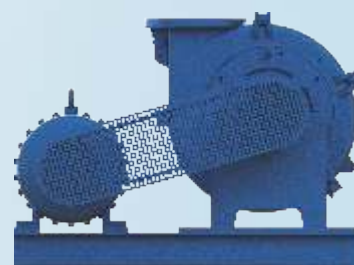
- Max. Working pressure - 8 Bar
- Max. Flow rate - 1500 m<sup>3</sup>/h
- Max. Total Head - 50 m
- Max. Solid Size Dia - 89 mm
- Max. Power - 200 kW
- Min/ Max Speed - 400/ 2000 rpm
- Low maintenance and high reliability

### MOUNTING ARRANGEMENTS

OVER HEAD  
MOTOR MOUNT



SIDE BY SIDE  
MOTOR MOUNT



OVERHEAD  
IN-LINE MOTOR MOUNT



DIRECT  
COUPLED DRIVE

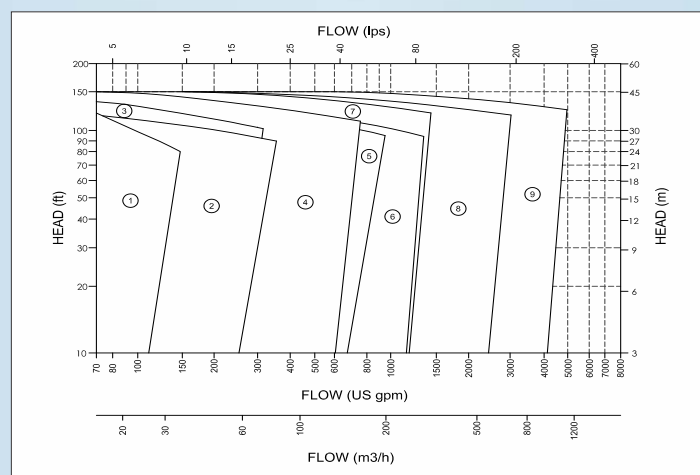


### STANDARD & OPTIONAL MATERIAL COMBINATIONS

Sl.No.	Description	Standard	Optional*
1	Casing Suction half	CI	SS 316
2	Casing Suction half Liner	Natural Rubber / Polyurethane	
3	Casing Gland half	CI	SS 316
4	Casing Gland half Liner	Natural Rubber / Polyurethane	
5	Impeller with Liner	Natural Rubber / Polyurethane	
6	Shaft / Sleeve	EN8	SS 316
7	Bearing Frame Assembly	CI	
8	Stuffing Box	CI	
9	Gland	CI	
10	Gland Sealing	GI-PTFE / Mechanical Seals *	
11	Lantern ring	PTFE (On Gland Packed Pumps)	
12	Gasket	Non-Asbestos	
13	Fasteners	MS / SS	

\*Many other options available

### HYDRAULIC COVERAGE - VARIABLE SPEED



Pump Key No.	1	2	3	4
Pump Size in mm (inch)	50x50x250 (2x2x10)	80x80x80 (3x3x10)	80x80x250C (3x3x10C)	125x125x350 (5x5x14)
5	6	7	8	9
125x100x350C (5x4x14C)	150x150x380 (6x6x15)	200x150x450C (8x6x18C)	250x200x530C (10x8x21C)	300x250x630C (12x10x25C)

In view of continuous developments, the information / performance / descriptions / specifications / illustrations mentioned in this catalogue are subject to change without notice

## C.R.I. PUMPS PRIVATE LIMITED

(UNIT: TUFF PUMPS)

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