



Reg. No. 9910000526



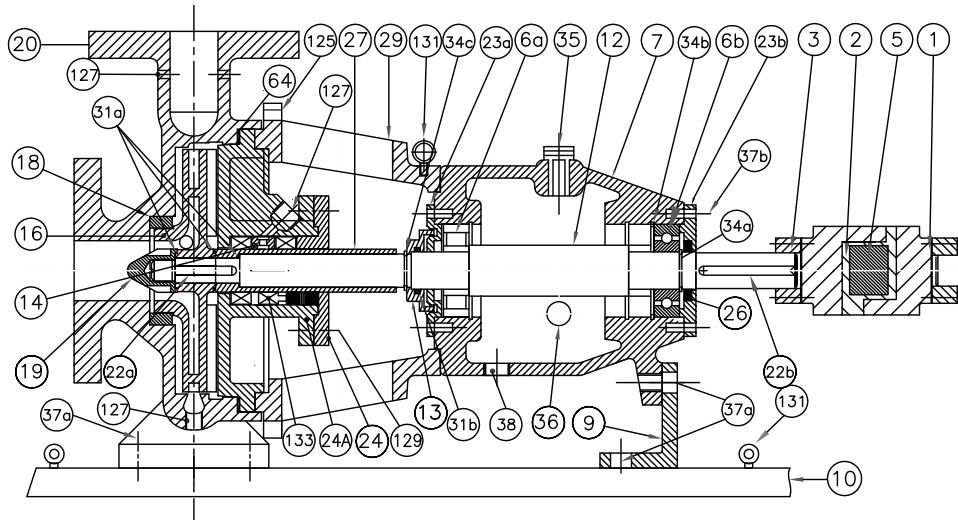
ISO 2858  
Standard

## HORIZONTAL CHEMICAL PROCESS PUMPS

**CHEMLIN**<sup>®</sup>

*Designed to meet your Specifications!*

**PART LIST**



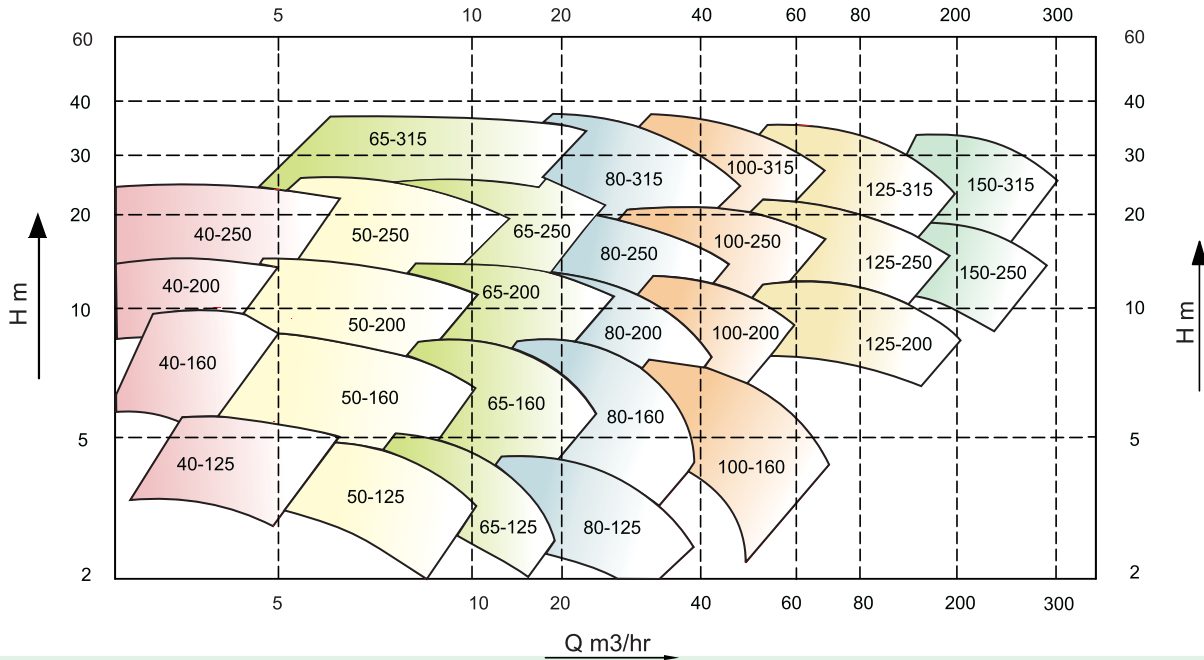
NO	PART	QTY	MATERIAL		
1	Motor Half Coupling	1	CI		CS
2	Spider / Snap Wrap	1	Rubber		
3	Pump Half Coupling	1	CI		CS
5	Coupling Spacer	1	AL		CI
6a	Inboard Roller Bearing	1	CS		
6b	Outboard Ball Bearing	1	CS		
7	Ball Bearing Housing	1	CI	CS	SS
9	Support Foot	1	CI	CS	SS
10	Base Plate	1	MS		SS
12	Shaft	1	CS		SS
13	Deflector	1	CS		SS
14	Lantern Ring	1	CS	MS	SS
16	Impeller	1	CI	CS	SS
18	Casing Ring	1	CI	CS	SS
19	Impeller Nut	1	CS		SS
20	Volute Casing	1	CI	CS	SS
22a	Impeller Key	1	CS		SS
22b	Coupling Key	1	CS		SS
23a	Inboard Ball Bearing Cover	1	CI		CS
23b	Outboard Ball Bearing Cover	1	CI		CS
24	Gland Plate / Pusher	1	CI	CS	SS
24A	Stuffing Box	1	CI	CS	SS
26	Oil Seal	2	Rubber		
27	Shaft Sleeve	1	CI	CS	SS
29	Adapter	1	CI	CS	SS
31a	'O' Ring	3	Viton		Rubber
31b	'O' Ring	1	Viton		Rubber
34a	Circlip External	1	CS		
34b	Circlip Internal	2	CS		
34c	Circlip External	1	CS		
35	Breather Plug	1	AL		CS
36	Oil Level Indicator / Leveller	1	AL		PL
37a	Full Thread Bolts	1 Set	MS		SS
37b	Full Thread Bolts	1 Set	MS		SS
38	Oil Drain Plug	1	CI		CS
64	Gasket Set	1 Set	ASBESTOS		PTFE
125	Studs & Nuts	1 Set	MS		SS
127	Plug	3	CI	CS	SS
129	Allen Bolts	2/4	MS		SS
131	Lifting Eye Bolt	3	MS		SS
133	Mechanical Seal or Gland Packing	1 Set	BEST INDIAN MAKE ASBESTOS / PTFE		

\*Direction of rotation is clockwise as viewed from coupling end .

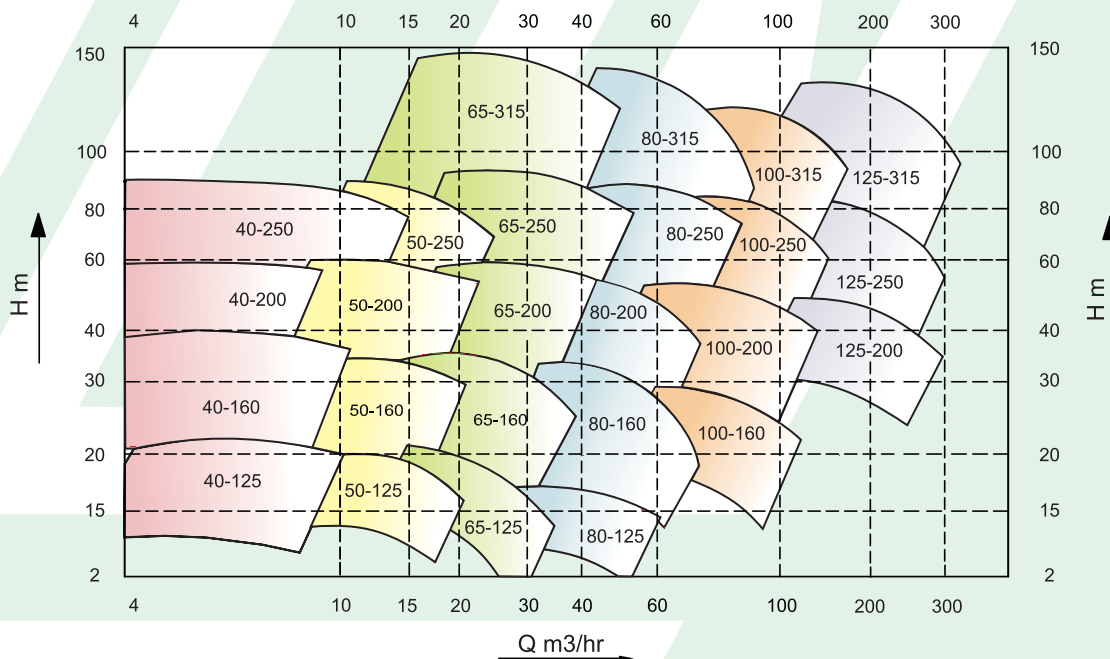
### PERFORMANCE RANGE CHART

Excellent coverage of "CHEMLIN" Make Horizontal Centrifugal Pump Type "AB" gives you better selection at any design point. This means, even at application points falling at the top or bottom of the chart, where the efficiency is traditionally low, you can select a pump to reduce costs. Each pump is designed for optimum performance with reliability in operation at low cost.

**1450 R.P.M.**



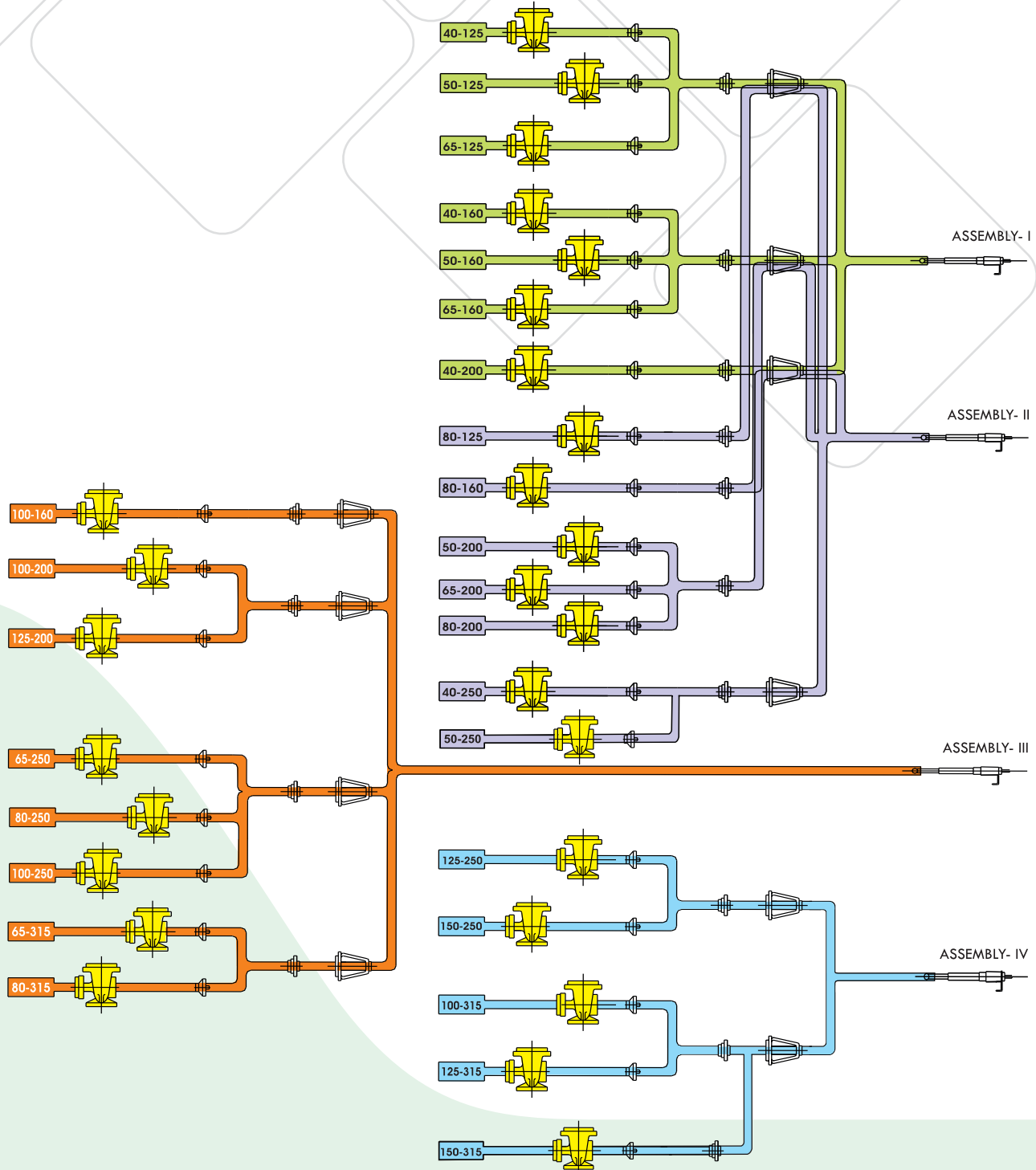
**2900 R.P.M.**



**\*Note :** In the designation used for various pump sizes, the first number indicates the Suction Diameter & second number the Maximum Impeller Diameter.

## INTERCHANGEABILITY/ STANDARD MODELS

All Pumps with same Bearing Assembly have same Shaft, Impeller nut, Ball Bearings etc. The Shaft seal assembly and Adaptor are same for several pump sizes, hence inventory management is easier and cost effective.



CHEMLIN Horizontal Process Pump Type 'AB' have 27 standard models with well-designed interchangeability of parts. With 4 bearing assemblies, 10 Adaptors & 14 Stuffing Boxes, it allows low inventory with maximum interchangeability.





Chemlin Pumps are manufactured at a modern manufacturing set-up at Kagal Since 1987. This plant has a state-of-the-art-technology and instrumentation for pump testing which is done by using a computerized Pump testing facility.

'Chemlin' has a strong, experienced and dedicated work force led by technocrats with years of experience of handling various grades of materials and modern machining practices for achieving excellent Quality of Product. The complete design and manufacturing process is standardized under ISO 9001-2015 Quality Management System. The Business Associates of 'Chemlin' are placed at strategic locations in various parts of the country to give prompt services to all our valued customers.

Chemlin Pumps and Valves are being used in various Process Industries all over India & abroad. The products are designed and manufactured to International Standards and offer all desired features and options for maintenance free operations. 'Chemlin' brand products are serving the Chemical and Process Industry for over last three decades and are the first choice of Maintenance Engineers.

Chemlin Pumps are built using quality materials, with precision workmanship and thorough testing. The parts which are subject to abrasion are heat treated. The units are built with standard dimensions and accuracy is maintained. The pumps are manufactured to DIN, ISO, ANSI Standards. Many of the important features of the pump generally comply to API 610 6th Edition.

#### APPLICATIONS :

- In pumping corrosive & abrasive liquids
- Organic & In - organic liquids in Chemical Industries
- Fertilizer & Petrochemical Industry
- Paper and other Process Industries.
- Sugar Industry
- Pharmaceutical Industry

#### RANGE :

**Capacity :** Upto 300 M<sup>3</sup>/HR  
**Temperature :** 20°C to 150°C  
**Head :** upto 140 MLC  
**Size :** 32mm to 150 mm  
**Working Pressure :** 18 Kg/cm<sup>2</sup>

#### DESIGN FEATURES :

1. Horizontal, top center-line discharge, end suction, with back pull-out construction, semi- open and closed impeller designs.
2. Low NPSH values.
3. The Stuffing Box is designed for using Mechanical Seal or Gland packed Sealing arrangement, low downtime in maintenance.
4. Impeller designs with thrust balancing vanes / holes.
5. Maximum interchangeability of parts hence low inventory of spares.
6. Rigid construction , longer life.
7. Standard coupling with spacer elements, low down - time and easy maintenance.

#### MATERIAL OF CONSTRUCTION :

Cast Iron , Cast Steel, Stainless Steel of different grades, Non- Ferrous materials, DIN 4136, CA 15, CA6NM, CN7M, R- 55, CD4MCu, Hastalloy grades and Special Alloy Steels.

- In search of excellence, we reserve the right to alter or change specifications without prior notice.

#### FOR MORE INFORMATION CONTACT OUR NEAREST BUSINESS ASSOCIATES OR WRITE DIRECTLY TO US

- PUNE : pune@chemlinindia.com
- KOLKATA : kolkata@chemlinindia.com
- N. DELHI : delhi@chemlinindia.com,
- ERNAKULAM : ernakulam@chemlinindia.com
- BARODA : vadodara@chemlinindia.com



Reg. No. 9910000526

## Chemlin Pumps & Valves Pvt. Ltd.

- Office : F-5, 'Atharva Estate,' 238/2, E, Tarabai Park, Kolhapur-416 003
- H.O. : 0231-2653123 /2652098
- Fax : 0231- 2655389 . E-mail : sales@chemlinindia.com
- Works : 235/6, Pune- Bangalore Road, Kagal - 416 216. Dist. Kolhapur ( Maharashtra ) INDIA
- Phone : 02325 - 244108. E- mail : works@chemlinindia.com
- Website : www.chemlinindia.com

Represented By