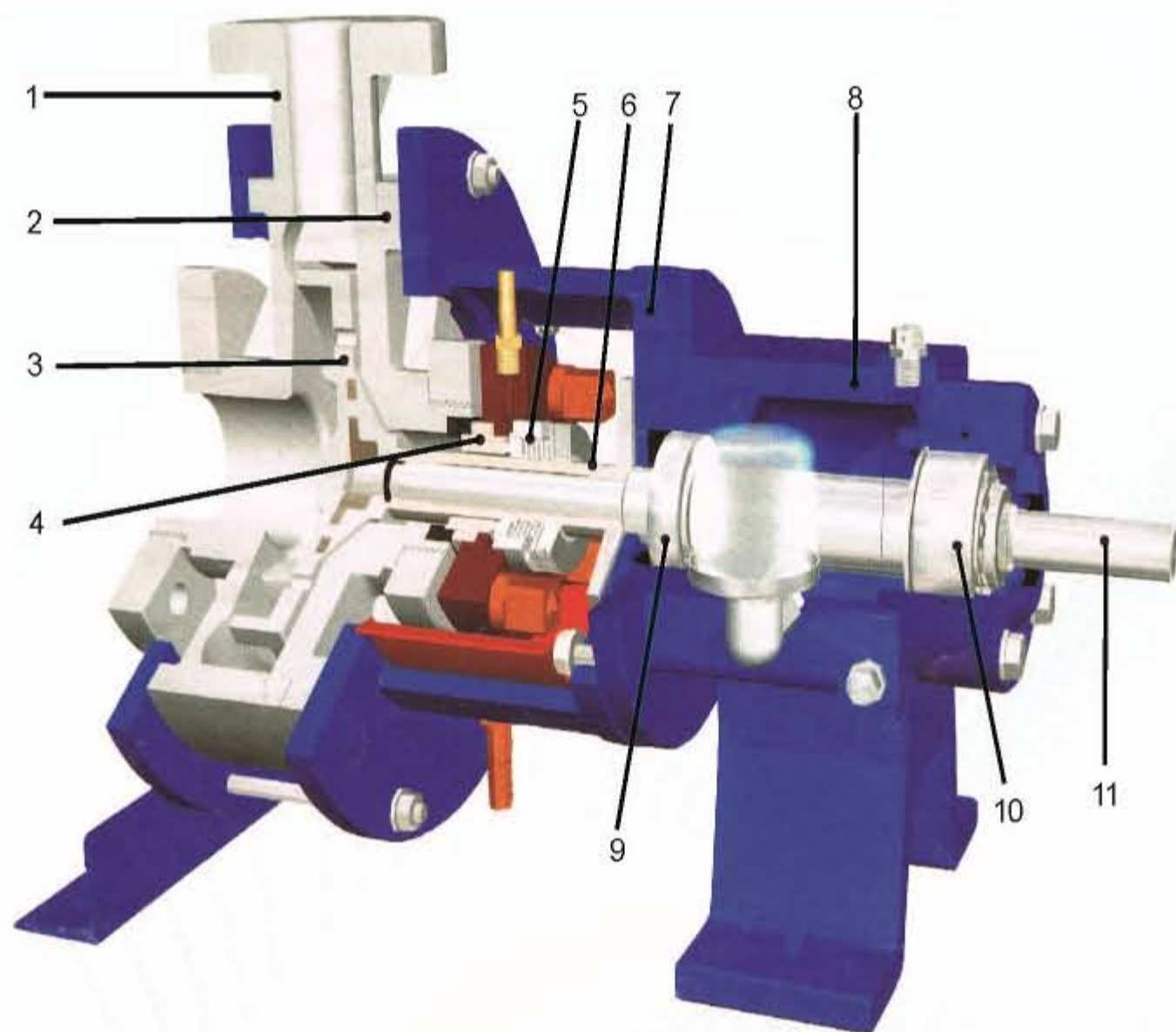


# POLYPROPYLENE CHEMICAL PUMPS

POLYPROPYLENE  
CHEMICAL  
PUMPS





Sr. No.	NAME OF PART	MATERIAL OF CONSTRUCTION
1	VOLUTE CASING	POLYPROPYLENE CO-POLYNER
2	BACK PLATE / ST. BOX	POLYPROPYLENE CO-POLYNER
3	IMPELLER	POLYPROPYLENE CO-POLYNER
4	MECHANICAL SEAL (STATIONARY UNIT)	HI-ALLUMINA CERAMIC
5	MECHANICAL SEAL (ROTORY UNIT)	GLASS FILLED P.T.F.E. BELOW
6	SLEEVE	HI-ALLUMINA CERAMIC
7	ADOPTER BLOCK	GRADED CAST IRON
8	BEARING HOUSING	GRADED CAST IRON
9	BEARING NDE	STANDARD 3306
10	BEARING DE	STANDARD 6207
11	SHAFT	EN-8/SS-316

**JUST LEAVE THE CORROSIVE PUMPING TO US.**

## ➤➤➤ PUMPS ARE RECOMMENDED FOR

- ★ EXCELLENT FOR SCRUBBING CORROSIVE AND AGGRESSIVE GASES LIKE  $Cl_2$ ,  $BR_2$ ,  $I_2$ ,  $SO_2$ ,  $SO_3$ ,  $CO_3$ , ETC.
- ★ USED IN TRANSFER OF CHEMICAL IN BATCH PROCESS
- ★ EXCELLENT FOR HANDLING CORROSIVE LIKE  $HCL$ ,  $H_2SO_4$  (DIL),  $NaOH$ ,  $HNO_3$ ,  $H_2PO_4$   $NaCl$  ETC.

## ➤➤➤ APPLICATION :

PRO Series pumps are an ideal choice for pumping acids and alkalis, typical applications include chemical & pharmaceutical industries, chlor alkali plants, steel plants, water treatment plant.

MODEL	SUCTION (MM)	DELIVERY (MM)	IMPELLER (MM)	HP	RPM	Capacity in M <sup>3</sup> /Hr.						
						Head in mtr.						
PRO. 100	25	25	100	01	2900	13/04	11/06	08/07	05/09	02/10	0/11.5	
PRO. 120	40	32	120	02	2900	22/05	19/07	13/11	10/13	05/15	0/17	
PRO. 130	40	40	135	03	2900	25/08	20/10	15/15	10/18	05/20	0/23	
PRO. 160R	40	40	142	3	2900	25/10	20/15	10/20	05/21	02/23	00/24	
PRO. 160	75	40	157	5	2900	35/10	30/15	20/20	10/25	05/27	00/29	
PRO. 170	75	50	160	7.5	2900	55/10	45/15	40/20	30/25	10/30	00/33	
PRO. 40	50	40	190	12.5	2900	40/25	35/30	30/35	25/40	10/45	00/50	
PRO. 50R	40	40	190	02	1440	24/08	20/8.5	15/09	10/10	0.5/10.5	00/11	
PRO. 50	75	40	205	03	1440	32/10	25/11	15/12	05/13	0/14	00/00	
PRO. 55	75	50	212	05	1440	50/06	45/10	35/12	16/14	0.5/15	00/15.5	

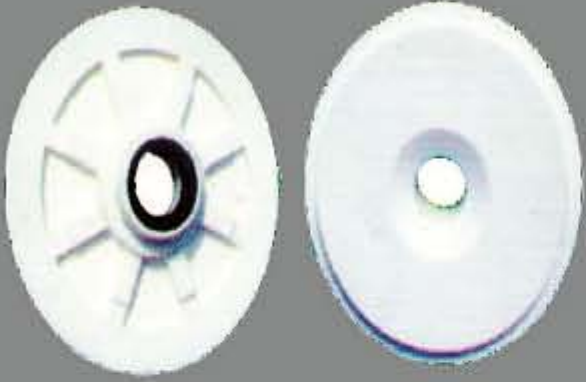
## ➤➤➤ HIGH SPEED PUMPS



PRO 160



PRO 50



Back Plate



Volute Casing



Impeller



Mechanical seal with  
ceramic sleeve



MONO BLOCK



**KIRTI ELECTRICALS**

Manufacturer and Exporter of Pumps and Motors

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