



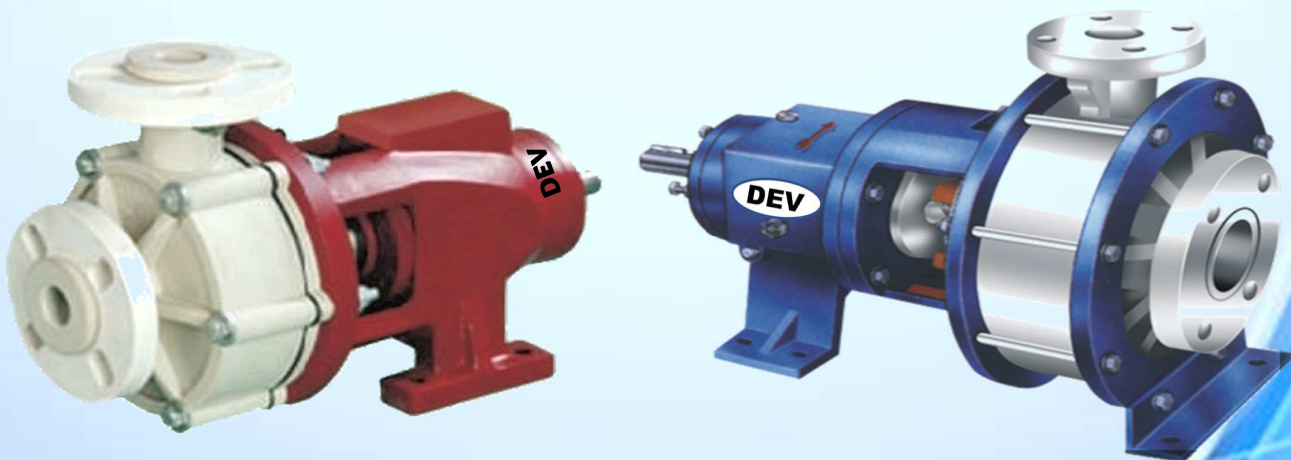
HORIZONTAL POLYPROPYLENE CENTRIFUGAL PROCESS PUMPS

SALIENT FEATURES

- DESIGNED TO SUIT EXTREMELY CORROSIVE DUTIES IN PROCESS AND CHEMICAL INDUSTRIES.
- LESS EXPENSIVE AND MOST IDEAL PUMPS THAN OTHER PUMPS LIKE AS SS AND ALLOY METALS.
- ENGINEERED FOR CONTINUOUS AS WELL AS INTERMITTENT SERVICE.
- PROVISION OF MECHANICAL SEAL / GLAND PACKING.
- TEMPERATURE LIMIT MAXIMUM 70 DEG. C.

APPLICATIONS

- FOR HANDLING OF HCL - 30% , DILUTED H₂SO₄ , NaOH -48% ETC. CHEMICALS.
- FILTER PRESS FOR DYES & DESCALING PURPOSES.
- WATER AND EFFLUENT TREATMENT PLANTS.
- ELECTRO PLATING.
- PICKLING OF STEEL IN COLD ROLLING MILLS.
- SCRUBBING OF CORROSIVE GASES LIKE C₁₂, BR₂, F₂, I₂, SO₂, SO₃, CO₂, NH₃ ETC.





PERFORMANCE TABLE AT 2900 RPM (CAPACITY IN LITERS PER MINUTE)

PUMP MODEL	SUC X DEL IN MM	HP / RPM	TOTAL HEAD IN METERS								IMPELLER DIA. IN MM
			5	10	11	12	15	16	20		
PPC – 100	32 X 25	1.0 / 2900	130	100	75	30	00				100
PPC – 120	40 X 32	2.0 / 2900		300	275	200	170	80	00		130

PERFORMANCE TABLE AT 2900 RPM (CAPACITY IN LITERS PER MINUTE)

PUMP MODEL	SUC X DEL IN MM	HP / RPM	TOTAL HEAD IN METERS							IMPELLER DIA. IN MM
			10	15	18	20	25	30	35	
PPC – 160R	40 X 40	3.0 / 2900	400	300	170	75	00			150
PPC – 160	75 X 40	5.0 / 2900	550	475	450	400	250	00		160
PPC – 170	75 X 50	7.5 / 2900	800	700	650	600	500	400	00	160

PERFORMANCE TABLE AT 1440 RPM (CAPACITY IN LITERS PER MINUTE)

PUMP MODEL	SUC X DEL IN MM	HP / RPM	TOTAL HEAD IN METERS								IMPELLER DIA. IN MM
			5	8	10	12	14	15	17	20	
PPC – 50R	40 X 40	2.0 / 1440	350	200	100	20					205
PPC – 50	75 X 40	3.0 / 1440	500	400	300	200	80				210
PPC – 55	75 X 50	5.0 / 1440		600	550	450	330	170	80		210