

AURO PUMPS PVT. LTD.

(Established in 1984)
AN ISO 9001-2008 COMPANY

APP NON-METALLIC CHEMICAL PROCESS PUMPS



PP or Polypropylene, a vinyl polymer having low density is fairly rigid and has temperature resistance up to 80 degrees C. Its important characteristic is its resistance to strong acids along with good mechanical properties, light weight and excellent resistance to corrosion. This makes it an obvious choice for AURO Pumps.

SALIENT FEATURES:

- All pumps, shafts are available with sleeves of different materials compatible with the liquid handled.*
- All pumps are available with externally mounted balanced mechanical seal or Teflon Gland packing or internal mechanical seal with Elastomer bellows.*
- Polypropylene volute and impellers are injection molded which provide smooth hydraulic passage.*
- High quality ball bearings increase service life.*

APPLICATIONS:

- Conc. HCl loading and unloading of road tanker.*
- Scrubbing of corrosive gases like Cl₂, Br₂, F₂, I₂, SO₂, SO₃, CO₂, NH₃.*
- Water treatment.*
- Effluent Treatment.*
- Electro plating.*
- Pickling in Steel Rolling Mills.*
- Filter Press in Dyes.*
- Descaling.*

TARGET INDUSTRIES:

- Caustic soda plants
- Dyes and chemicals
- Drugs and Pharmaceuticals
- Fertilizer Plants
- Thermal and Automatic power plants, Steel Plants
- Paper and Pulp industries
- Rayon and Staple Fiber plant
- Copper, Zinc Smelter, TiO₂ Plant
- Water treatment

SEALING OPTIONS

Externally mounted mechanical seal-

- Teflon bellow 659 GFT v/s. Ceramic
- Multispring 508 type Carbon v/s. Ceramic
- Multispring 508 type Carbon v/s. SiC

Internally mounted mechanical seal-

- Carbon v/s. Carbon

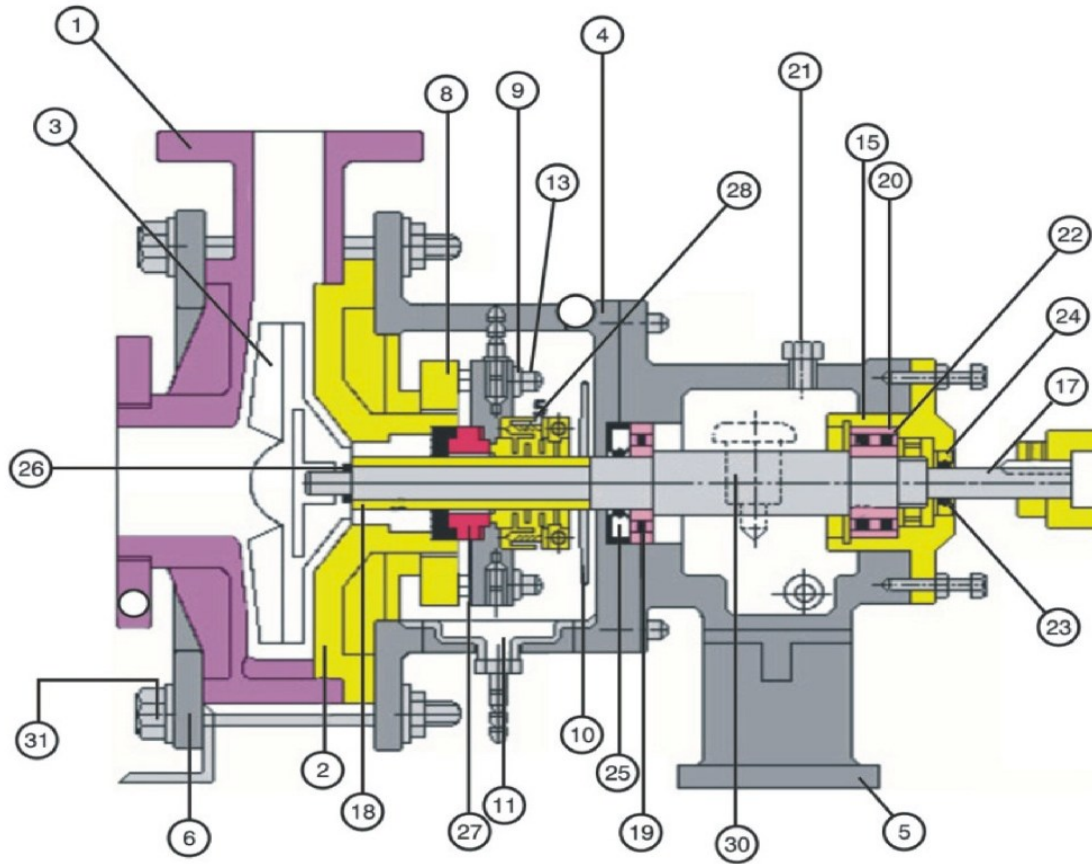
Gland packing-

- Teflon impregnated Blue Asbestos
- Pure PTFE

SHAFT SLEEVE OPTIONS

- 99.7% Alumina grade Ceramic- HCl (acid), Solvents and generally for all liquids
- Hastelloy 'B'- for effluents
- Alloy 20- Dilute sulphuric acid concentration less than 70%, NaOH upto 48% and HNO₃ upto 60%
- Monel- HF (40%)





Sr. No.	PART NAME	M.O.C.
1	VOLUTE CASING	PP
2	BACK PLATE	PP
3	IMPELLER	PP
4	ADOPTER	CI
5	LEG	CI
6	CAGE RING	CI
7	SUCTION FLANGE	PP
8	ADOPTER FLANGE	PP

9	LOCATING FLANGE	HYLEM
10	DEFLECTOR	PP
11	DRIP TRAY	PP
12	-	
13	BOLT FOR CLAMP	PP-SS
14	BEARING BRACKET	CI
15	BEARING HOUSING	CI
16	HARD WARE	HT
17	BARE SHAFT	EN-8
18	SHAFT SLEEVE	CERAMIC
19	BEARING	STEEL
20	BEARING	STEEL
21	CIRCLIP	STEEL
22	STAR WASHER	STEEL
23	LOCK-NUT	STEEL
24	OIL SEAL (40X25X10)	NEOPRENE
25	OIL SEAL (72X35X10)	NEOPRENE
26	O'RING	NEOPRENE
27	STATIONARY (MECH. SEAL)	CERAMIC
28	ROTARY (MECH. SEAL)	TEFLON BEL- LOW
29	SLEEVE GASKET	PTFE
30	CONSTANT LEVEL OILER	AL/ABS PLAS- TIC
31	CAGE RING HARD WARE	SS 304

OUR PERFORMANCE RANGE

Sr. No.	MODEL NO.	SUCTION/ DELIVERY	STANDARD HEAD/CAPACITY
1.	APP-100 (1HP/2900RPM) (COMPACT PUMP)	25MM/25MM	8-10 MTRS/1-2 M ³ /Hr.
2.	APP-120 (2HP/2900RPM) (COMPACT PUMP)	40MM/32MM	10-12 MTRS/5-6 M ³ /Hr.
3.	APP-130 (5HP/2900RPM) (COMPACT PUMP)	36MM/32MM	18-20 MTRS/10-15 M ³ /Hr.
4.	APP-50 (3HP/1440RPM)	75MM / 40MM	10-12 MTRS/15-20 M ³ /Hr.
5.	APP-50R (2HP/1440RPM)	40MM / 40MM	10-11 MTRS/10-15 M ³ /Hr.
6.	APP-55 (5HP/1440RPM)	75MM / 50MM	10-12 MTRS/20-30 M ³ /Hr.
7.	APP-160 (5HP/2900RPM)	75MM / 40MM	15-20 MTRS/20-25 M ³ /Hr.
8.	APP-170 (7.5HP/2900RPM)	75MM / 50MM	25-30 MTRS/20-25 M ³ /Hr.

AURO PUMPS PVT LTD



Dear customer,

Auro Pumps Private Limited, an ISO-9001-2008 certified company was established in 1984 by our present Managing Director Mr. Jayesh G. Desai {M.S. Mech. (U.S.A.), MEP (IIMA)}. We are one of India's leading manufacturers of chemical process pumps for various Industrial applications.

We have manufactured & Installed high quality and efficient chemical process pumps all over the country besides exporting to EUROPIAN, AFRICAN, MIDDLE EAST & SOUTH EAST ASIAN COUNTRIES.

CONTACT US AT:

AURO PUMPS PVT. LTD.

PLOT NO. 104/5 & 6

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