



Amero Pumps and pumping systems are designed to suit your specification to ensure maximum reliability and optimum performance.

We work closely with customers to develop features and material in our range of pumps that exceed expectations. Whether its domestic applications or stringent oil and gas applications, our motor, pump and safety system are carefully chosen to meet these criteria.

In Amero Pump, we want to make your whole experience of installation, operation and maintenance an easy and positive one.

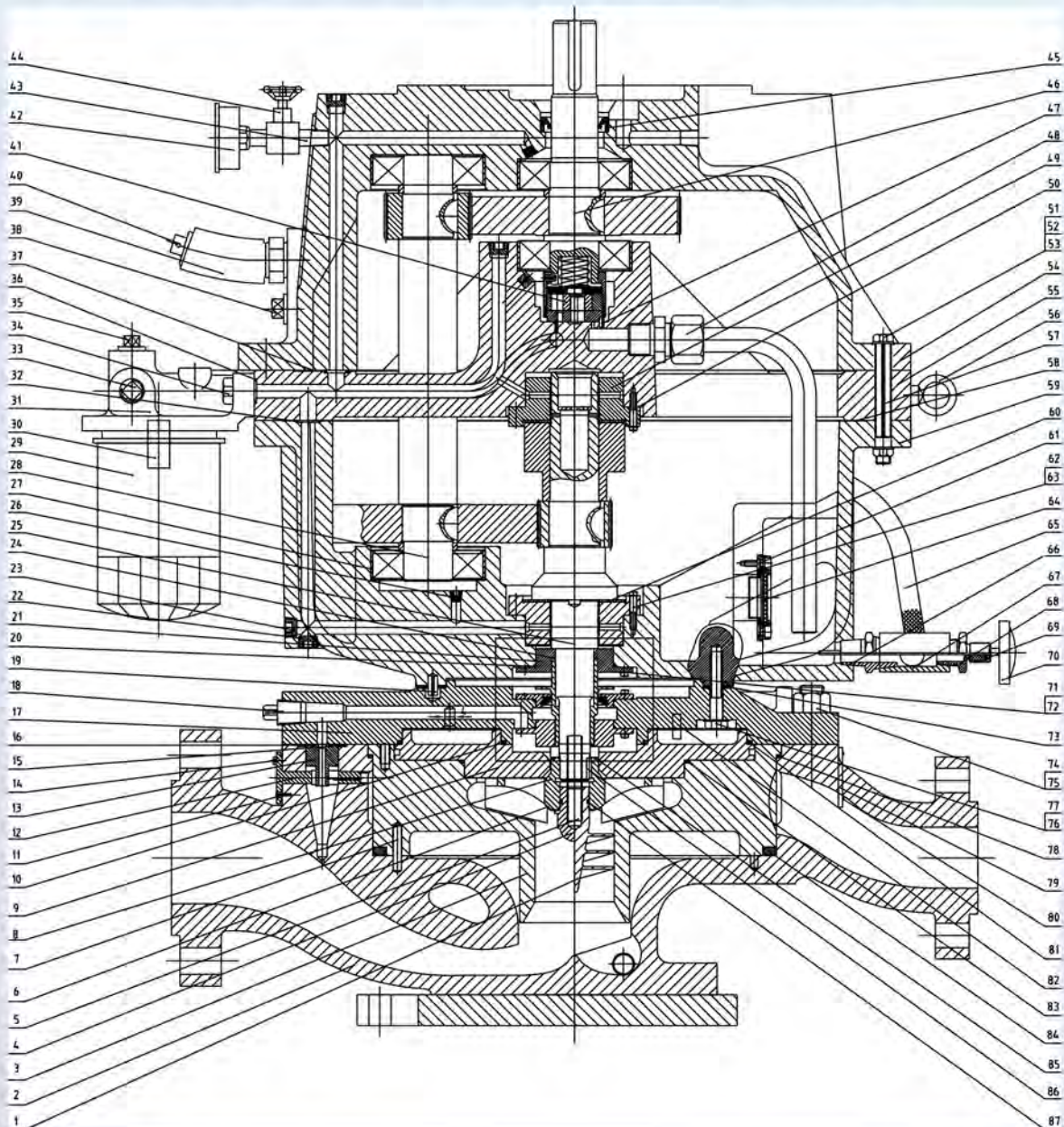


Amero IGHP Series High Speed Centrifugal Pump with integrated Gear

Features:

- API 610 Design standard for reliable performance.
- Up to 100m³ per hours flow rates
- Suitable for heavy duty applications such as oil and gas, petrochemical and power generation industries.
- Custom made to suit requirement

These centrifugal pumps are fitted with integrated gearing system that coupled with intermediate gearbox that transforms direction motor output up to 10 times regular direct motor coupled pump. In order for the pump to perform in such high speed, the rotating parts of the pump were stringently design to cope with overheat and wear. Maximum rotational speed could achieve up to 15,000 rpm depending on the applications. The motor is connected to the gear housing and fitted with coupling at the shaft end which drives the planet gears which transmit the motor rotational to the actual pump shaft.



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Parts No.	Parts Name	Parts No.	Parts Name
1	Inducer	45	Oil Seal
2	Pump Body	46	Input Shaft rotor assembly
3	Diffuser	47	Pin
4	Imperller Nut	48	Suction shaft driven oil pump
5	Impeller Stud	49	Radial Bearing
6	Lock Washer	50	Gasket
7	Pin	51	Bolt
8	Impeller	52	Nut
9	Diffuser Cover	53	Washer
10	O -Ring	54	Upper body
11	Pin	55	Middel Body
12	Throttle Plate	56	Bolt
13	Seperator joint	57	Pin
14	Bolt	58	O-Ring
15	O-Ring	59	Lower Body
16	O-Ring	60	Thust Bearing
17	Pump cover	61	Screw
18	Plug 1/2"	62	Screw
19	Pin	63	Washer
20	O-Ring	64	Oil Level sight glass
21	Mechanical Seal	65	Rubber pipe joint
22	Hex Plug 3/8"	66	Internal joint 1/2"
23	Hex Plug 1/4"	67	Gasket
24	O-Ring	68	Bi-metallic therrmometer
25	Output shaft rotor assembly	69	Screw
26	Injection Fittings	70	Washer
27	Bearing outer sleeve	71	Gasket
28	Middle Shaft Assembly	72	Nut
29	Filter	73	Stud
30	Inter-connection tube	74	Washer
31	Filter Base	75	Screw
32	O-Ring	76	O-Ring
33	Plug	77	Screw
34	Bolt	78	O-Ring
35	Plug 1/2"	79	Nameplate
36	O-Ring	80	Rivet
37	O-Ring	81	O-Ring
38	Plug 3/4"	82	Pin
39	Vent Pipe	83	O-Ring
40	Vent Cover	84	O-Ring
41	Shaft Driven Oil pump	85	O-Ring
42	Pressure Gauge	86	Key
43	Steel Pipe	87	O-Ring
44	Needle Valve		

