

EBSRAY PUMPS



R Series Model R10

...for LPG applications

Quality System
Quality Endorsed Company
ISO 9001
Lic 3332
Standards Australia

HEAD OFFICE AND WORKS



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R Series Model R10



THE EBSRAY MODEL R10 REGENERATIVE TURBINE PUMP is designed and precision built for High flow/ High pressure transfer of LPG, AUTOGAS, PROPANE, BUTANE, DME and ANHYDROUS AMMONIA.

Specifications

Max Flow at 2900 RPM 140L/min.
Max Differential Pressure at 2900 RPM ... 1375kPa
Hydrostatic Test Pressure 7000kPa
Max Speed 3500 RPM
Power Range..... to 7.5kW
Porting:
Inlet Flanged 1 1/2" Class 300 ANSI
Discharge Flanged 1" Class 300 ANSI

Features

- ▼ Quiet Operation
- ▼ Direct Coupled to 2880 RPM or 3500 RPM motors
- ▼ Other drive options: Vee belt, engine or PTO
- ▼ Low maintenance
- ▼ Flanged porting-simple installation
- ▼ Balaced Mechanical Seal-precision lapped faces - excellent service lift
- ▼ Throttle Bush-increased safety. Meets API 610

Typical Services

- ✓ Driveway dispensing (up to 6 hoses)
- ✓ Industrial dispensing
- ✓ Bulk filling
- ✓ Vehicle filling
- ✓ Aerosol industries
- ✓ Marine dispensing
- ✓ Portable tanks
- ✓ Agricultural industries
- ✓ Cylinder filling
- ✓ Forklift refuelling
- ✓ Direct burner or vaporizer feed

Allied Equipment

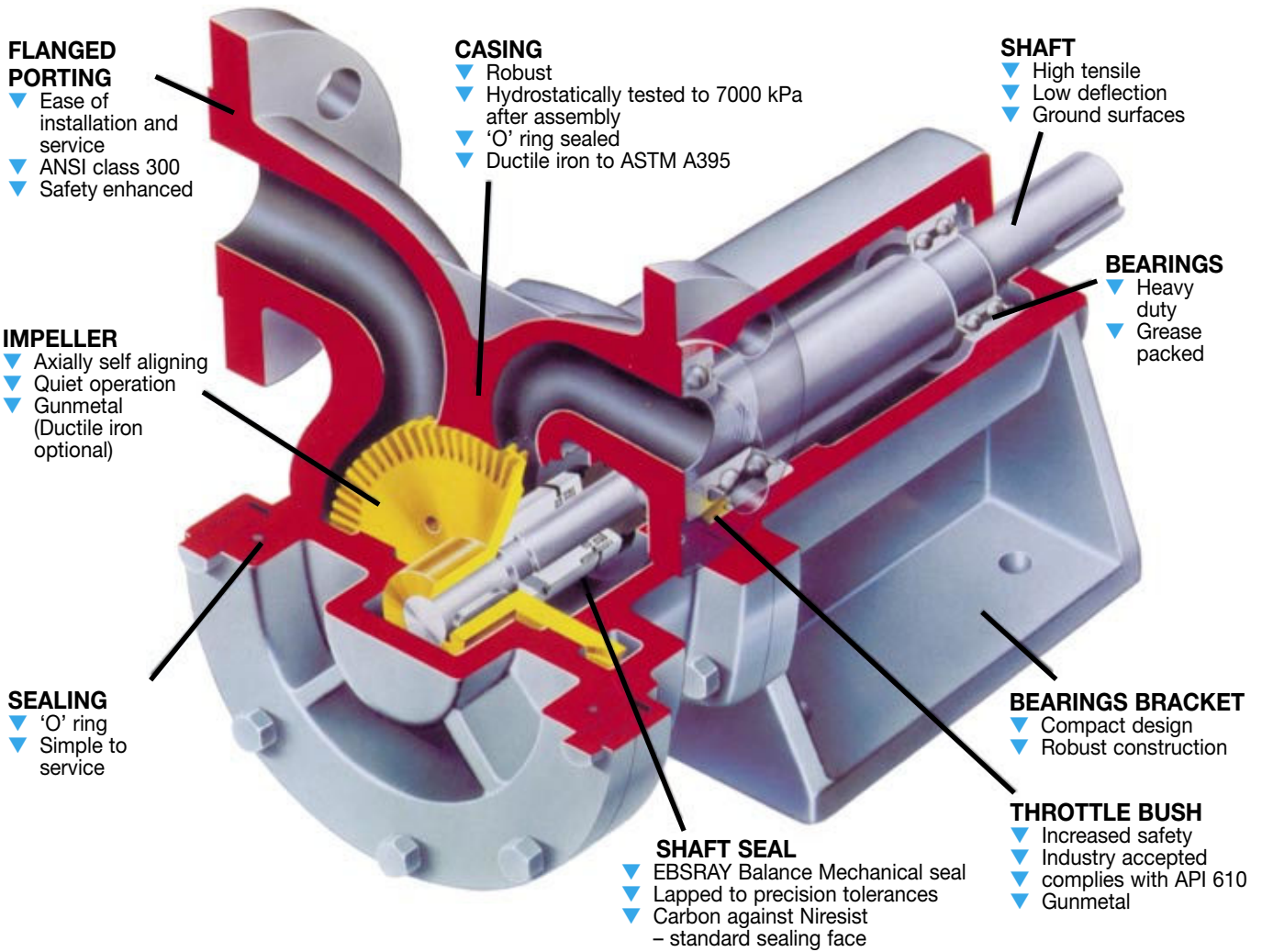
Manufactured by Ebsray includes Submersible, underground, aboveground and tanker/depot pumps, Bypass Valves and vented tamperproof/acoustic enclosures.

Assured Quality & Performance

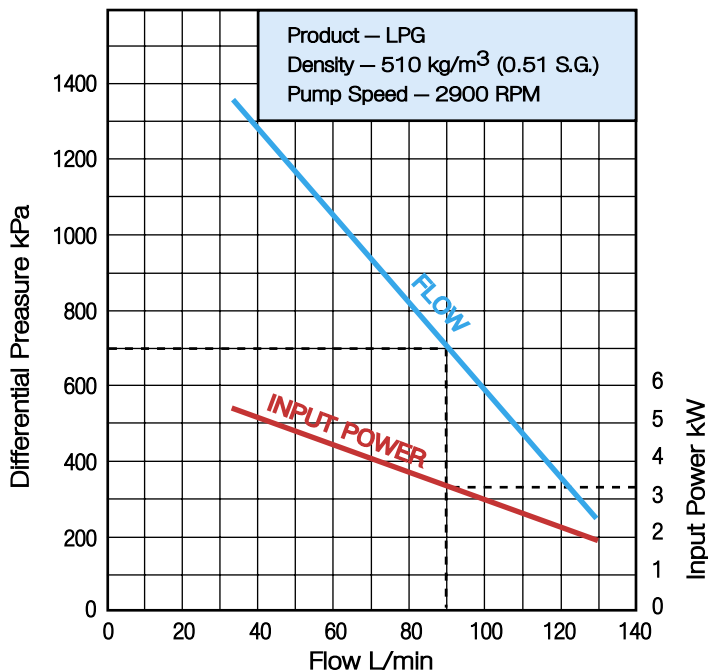
EBSRAY's iso9001 Quality System assures compliance with the high safety and quality standards demanded by the LPG industry. All EBSRAY R10 pumps are hydrostatically tested after assembly. They are then run-tested to simulated duty point prior to dispatch to fuarantee pump integrity and performance in accordance with the specdifications.

All Ebsray LPG Pumps, Pumpsets and Bypass Valves are designed and manufactured in Australia and comply with the requirement of Australian Standard AS1596 and other international Standards and Codes.

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Performance



EXAMPLE

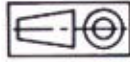
Differential pressure.....700kPa
Flow.....90L/min
Input power.....3.25 kW

Note:

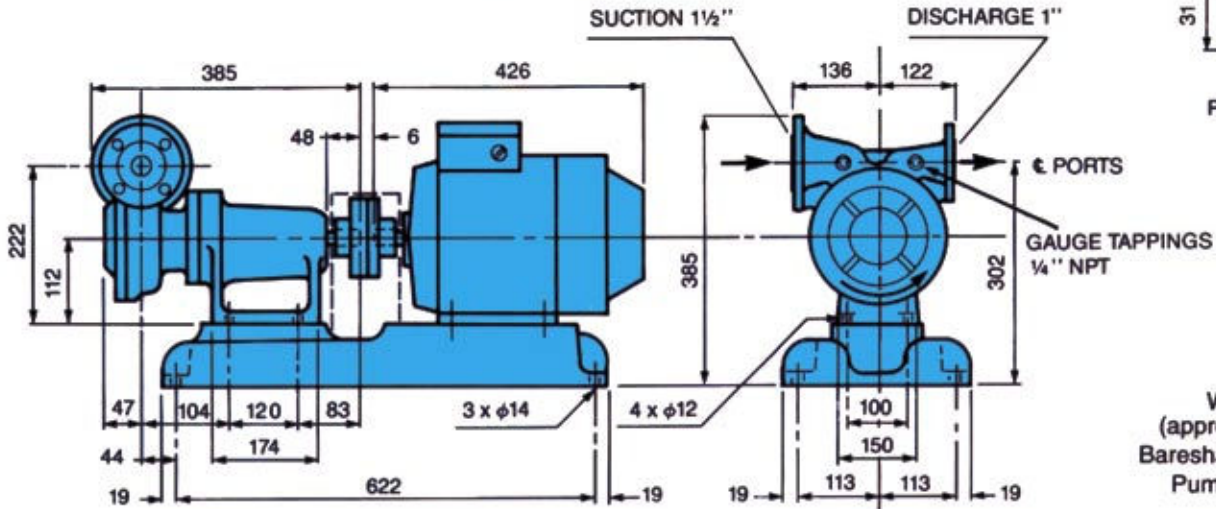
For 60 Hz (3500 RPM) operation, refer to specific performance curve

Dimensions

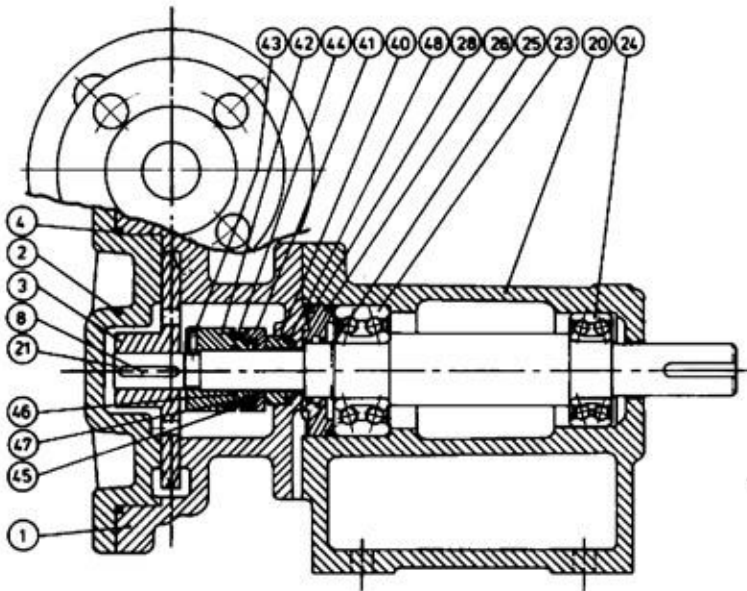
MODEL R10 PUMP and/or Pumpset
Motor Frame 112M Typical only



FLANGES ANSI CLASS 300



Parts Designation



No.	Description	Material	No. off
1	Body	Ductile Iron	1
2	Cover	Ductile Iron	1
3	Impeller	Gunmetal	1
4	'O' Ring-Cover	Nitrile	1
8	Impeller Key	Steel	1
20	Bracket	Cast Iron	1
21	Shaft	High Tensile Steel	1
23	Bearing-inspection End	Commercial	1
24	Bearing-Drive End	Commercial	1
25	Circlip	Steel	1
26	'O' Ring-Bracket	Nitrile	1
28	Throttle Bush	Gunmetal	1
40	Seal Seat	Carbon	1
41	Rotating Seal Face	Niresist	1
42	Seal Sleeve	Steel	1
43	Grub Screw-Seal Sleeve	Stainless Steel	2
44	Drive Pin-seal sleeve	Steel	1
45	Seal Spring	Stainless Steel	6
46	'O' Ring-Shaft	Nitrile	1
47	'O' Ring-Seal Sleeve	Nitrile	1
48	'O' Ring-Seal seat	Nitrile	1

NOTE: All specifications and illustrations are typical only and subject to revision without notice. Certified data available on request.

DISTRIBUTED BY



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