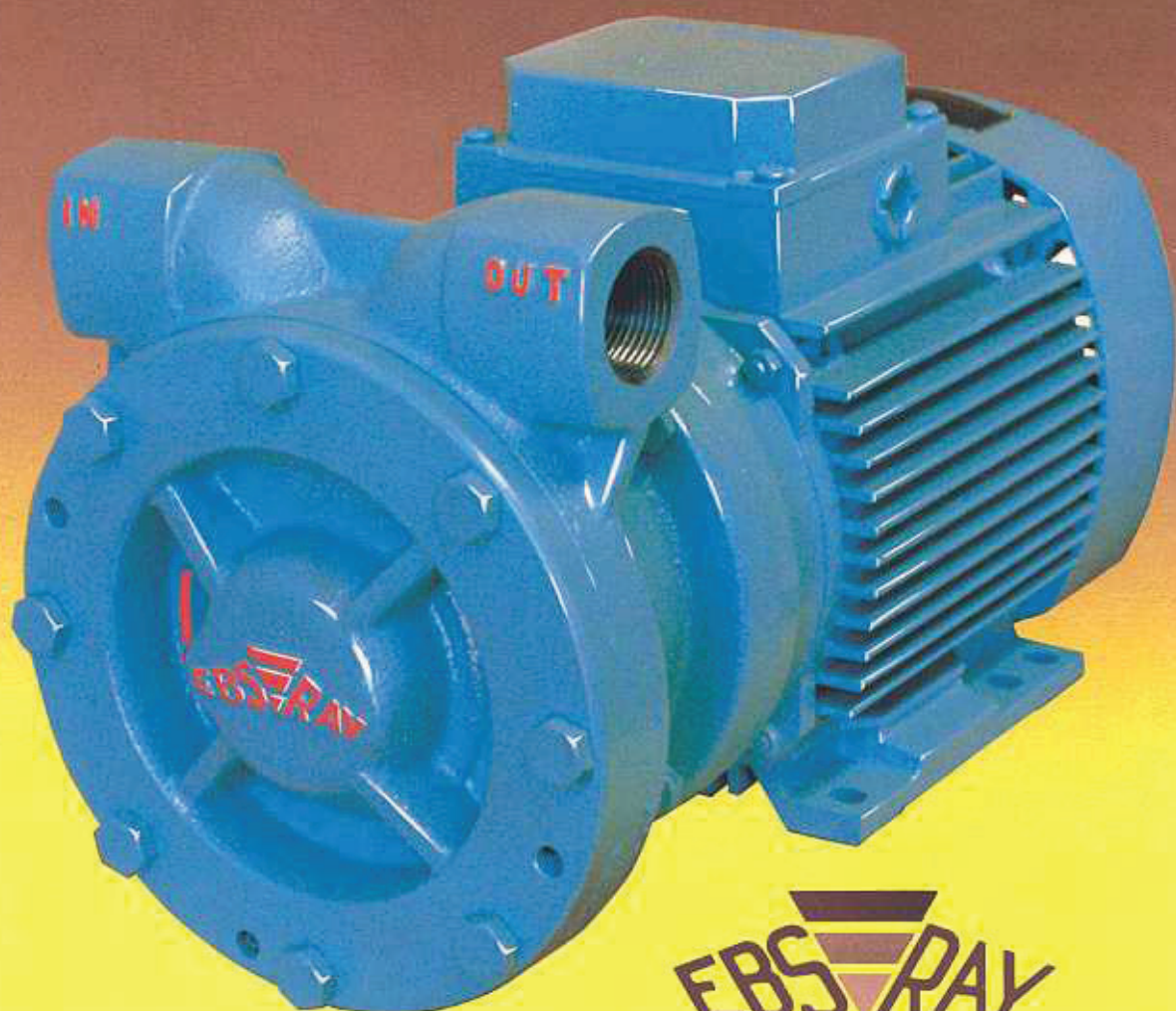


EBSRAY PUMPS

Regenerative
Turbine Pump
R SERIES - MODEL R11

...for LPG APPLICATIONS



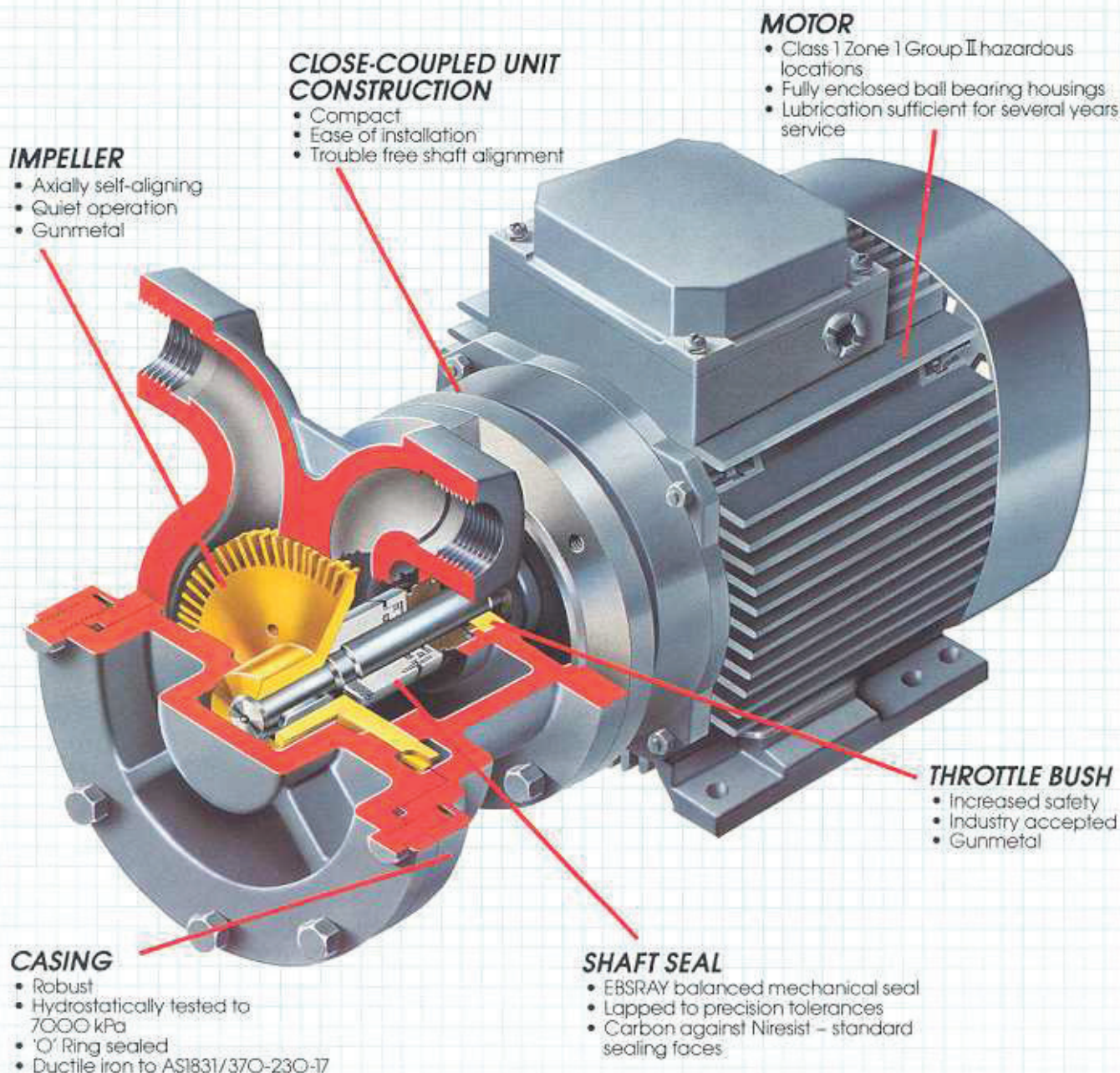
EBSRAY
AUSTRALIA

DESIGNED AND MANUFACTURED
IN AUSTRALIA
TO MEET THE REQUIREMENTS OF
AUSTRALIAN STANDARD AS1596-1983

REGENERATIVE TURBINE PUMP

for general purpose transfer of
LPG, PROPANE and BUTANE

- ▼ CYLINDER FILLING
- ▼ FORKLIFT REFUELLING
- ▼ PORTABLE TANKS
- ▼ INDUSTRIAL DISPENSERS
- ▼ AEROSOL INDUSTRIES
- ▼ CARAVAN TANK FILLING
- ▼ MARINE DISPENSING
- ▼ TRANSPORT VEHICLE FILLING
- ▼ AGRICULTURAL DISPENSING
- ▼ AUTOMOBILE FILLING



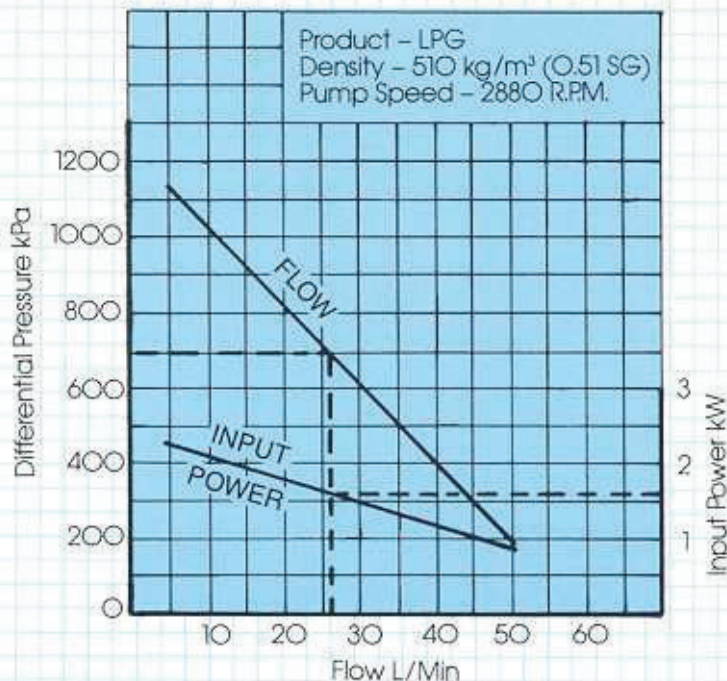
Engineered to the highest safety and quality Standards demanded by the LPG Industry.
All pumps are run tested to simulated duty point prior to despatch to guarantee pump integrity and performance.

ECONOMICAL • SIMPLE • QUIET • RELIABLE • COMPACT

Specifications

Max Flow	50 L/min
Max Differential Pressure	1150 kPa at 2880 R.P.M.
Pump Speed	2880 R.P.M. (50 Hz)
Power Range	to 2.2 kW
Inlet	1" N.P.T.
Outlet	1" N.P.T.
Rotation	Clockwise (from drive end)

Motor - 2.2 kW, 2880 R.P.M., 3 Phase, 415V, 50 Hz, IP55,
Ex 'e' designed to meet the requirements of
Australian Standard AS1593-1982 for
Class 1 Zone 1 Group II hazardous locations.

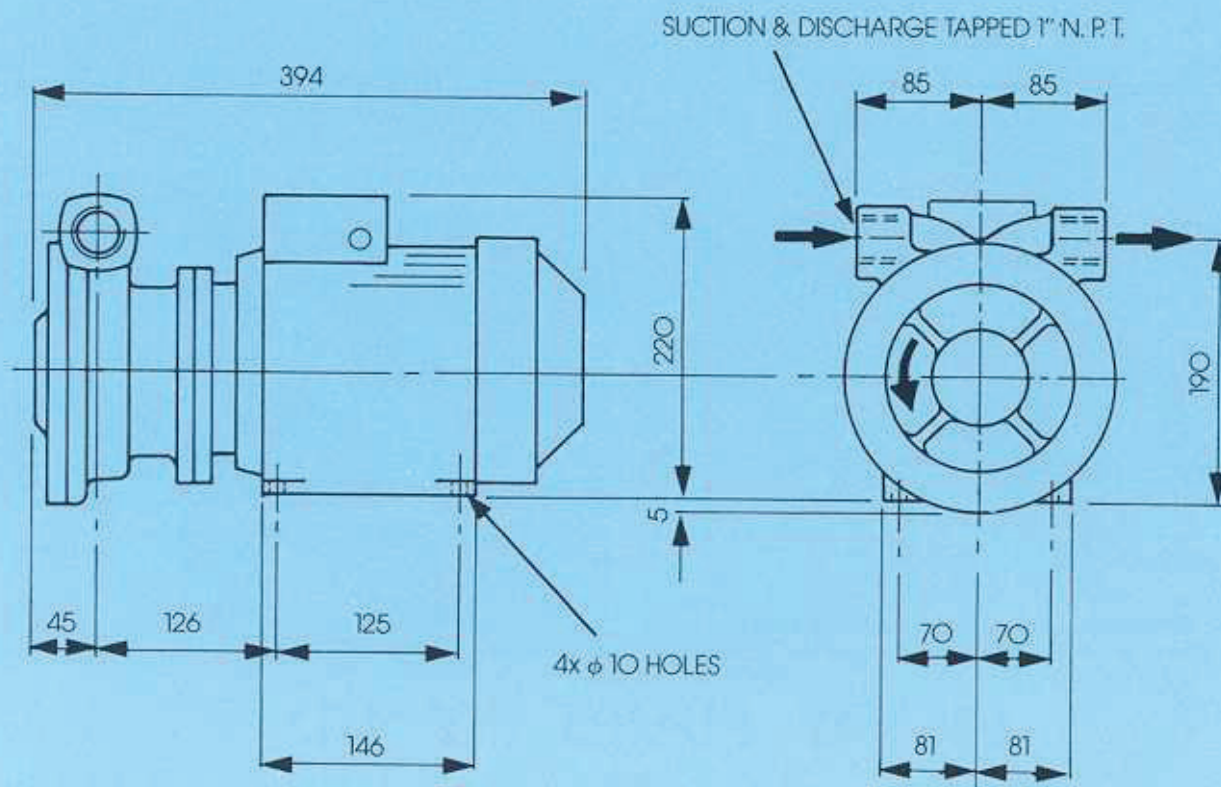


Example:

Differential Pressure	= 700 kPa
Flow	= 26.5 L/Min
Input Power	= 1.6 kW

Dimensions

R SERIES - MODEL R11

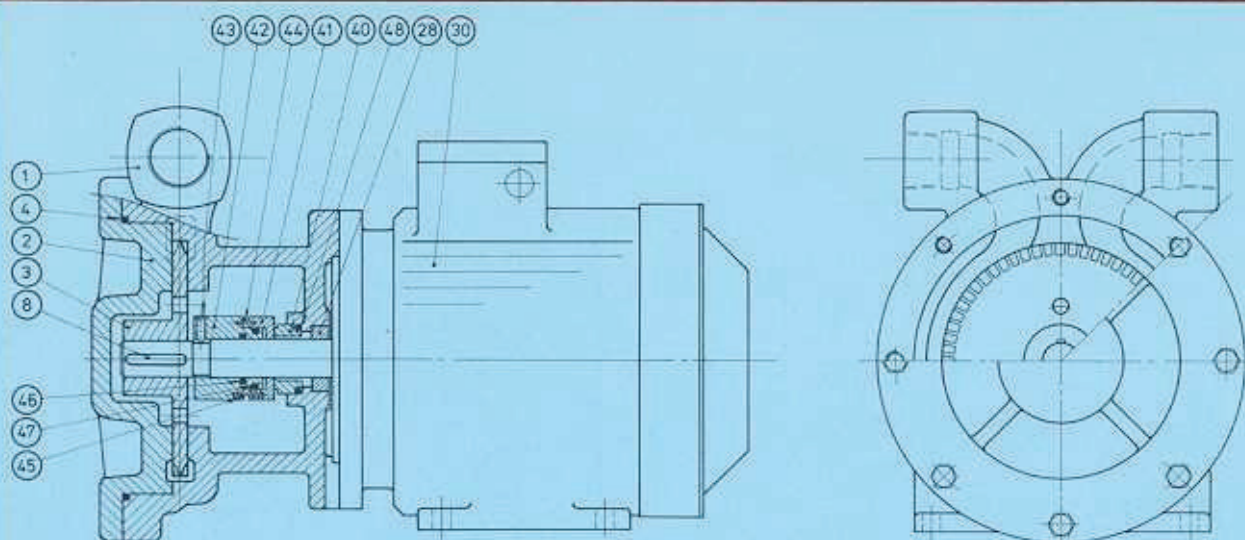


Standard Packed Unit Weight 33 kg

Shipping Dimensions 430 x 360 x 310 mm

Shipping Volume 0.05 m³

Parts Designation R SERIES – MODEL R11



Item No.	Description	Material	No. Off	Item No.	Description	Material	No. Off
1	Body	Ductile Iron	1	41	Rotary Seal Face	Niresist	1
2	Cover	Ductile Iron	1	42	Seal Sleeve	Steel	1
3	Impeller	Gunmetal	1	43	Grub Screw – Seal Sleeve	Stainless Steel	2
4	O' Ring – Cover	Nitrile	1	44	Roll Pin – Seal	Steel	1
8	Impeller Key	Steel	1	45	Seal Spring	Stainless Steel	6
28	Throttle Bush	Gunmetal	1	46	O' Ring – Shaft	Nitrile	1
30	Motor	Commercial	1	47	O' Ring – Seal Sleeve	Nitrile	1
40	Seal Seat	Carbon	1	48	O' Ring – Seal Seat	Nitrile	1

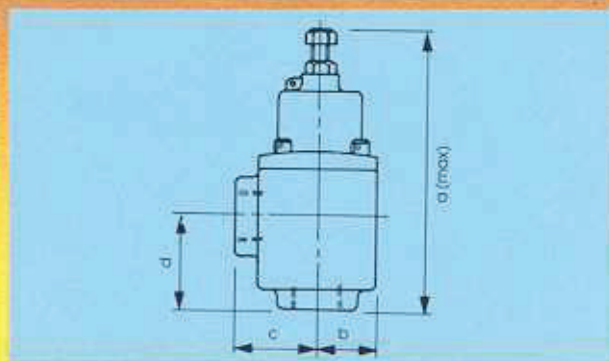
OTHER LPG EQUIPMENT MANUFACTURED BY EBSRAY. . .

- Above ground Pumps – Model R10 Regenerative Turbine for Flows to 120 L/min
Differential Pressures to 1375 kPa
- Underground Pumps – Model RB10 Regenerative Turbine for Flows to 120 L/min
Differential Pressures to 1375 kPa
- Tanker Pumps – V Series Sliding Vane Positive Displacement for Flows to 1500 L/min
Differential Pressures to 1000 kPa

- Bypass Valves – Adjustable differential pressure attained by utilising EBSRAY's reliable, simple and efficient In Line Bypass Valves. Designed for accurate and repeatable performance in return to-tank systems. Full pump flow is attainable whilst maintaining controlled pre-set pressure retention.

Materials:

Casing – Ductile Iron to AS1831/370-230-17
Relief Valve – Cast Iron
O' Ring Seals – Nitrile



Model	Max Flow L/min	Dimensions (mm)				Wgt kg	Ports
		a	b	c	d		
V18	200	200	41	55	66	4.5	1" N.P.T.
V19	500	255	50	72	100	9.0	1½" N.P.T.

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

EBS-RAY PUMPS PTY. LTD.



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