

# Ebsray®

Expert  
Solutions for  
LPG Transfer  
& Transport  
Applications

R75 SERIES  
Product Brochure



Where Innovation Flows

EBSRAY TURBINE TECHNOLOGY™  
REGENERATIVE TURBINE PUMP



[ebsraypumps.com.au](http://ebsraypumps.com.au)

## The Next Evolution in LPG Transport Pumping

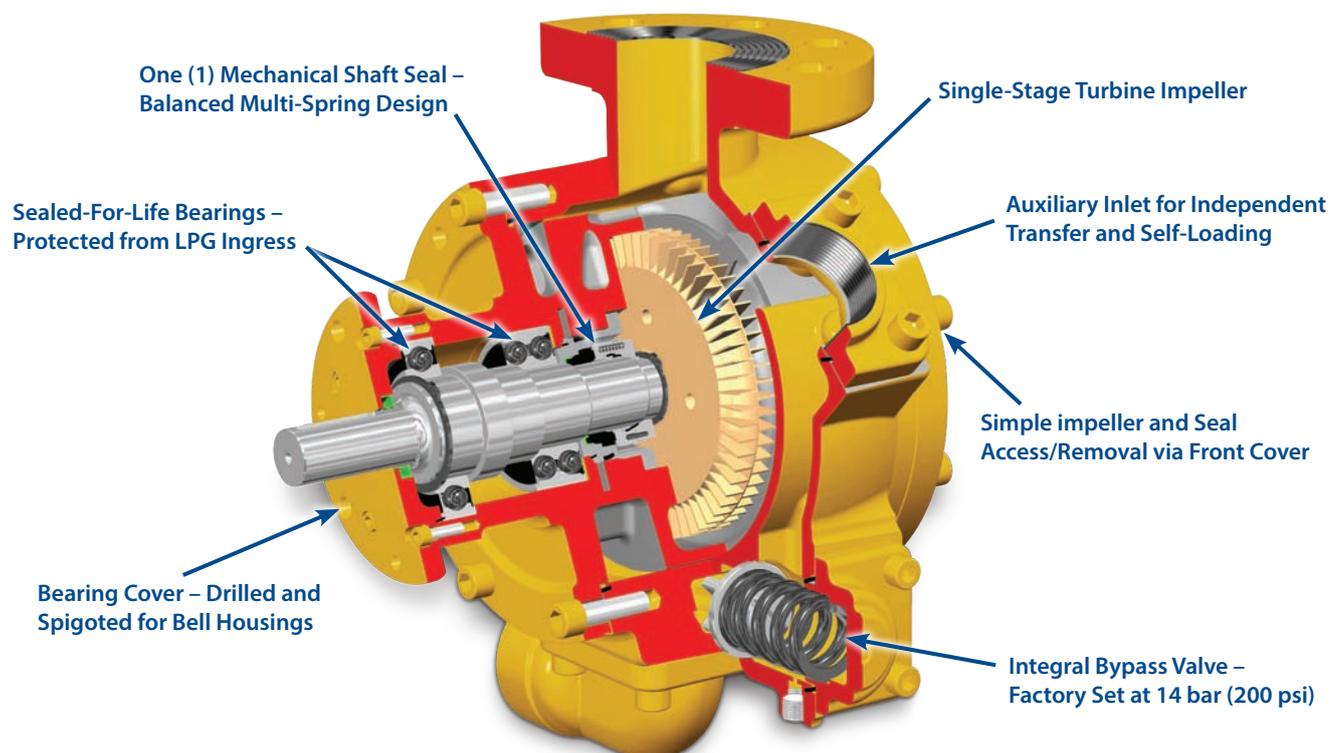
Ebsray® is a Global Leader in the design and manufacturing of Regenerative Turbine Pumps and part of PSG®, a Dover Company. Ebsray's primary focus is on the manufacturing of pumps and pumping equipment — predominantly for LPG, process, and industrial niche markets.

### Ebsray Model R75 Series Regenerative Turbine Pumps<sup>1</sup>

Ebsray Model R75 Series Regenerative Turbine Pumps are designed and precision-built from the ground up, specifically for the unloading of LPG tank trucks. The R75 can run smoothly and quietly across its range even in poor suction conditions. Designed with no contact between the impeller and pump body, the R75 pump offers less wear and vastly increased times between maintenance.

#### Features & Benefits:

- Dimensional fit for existing Ebsray and competitive pump<sup>2</sup> installations
- Simple, single-stage design with fewer rotating parts and smaller footprint than a side-channel pump
- Ductile iron pressure retaining parts
- No contact between impeller and pump body
- Designed for hydraulic and PTO drive
- Can operate at 3,500 rpm allowing close coupling to 2 pole motors on bobtails and in fixed installations
- Flow rates to 480 L/min (127 gpm)
- 14 bar (203 psi) differential pressure for higher flow through all delivery hoses for shorter fill times
- Complies with ATEX and AS1596 Codes (*UL51 certification currently in progress*)



<sup>1</sup> Patent pending

<sup>2</sup> Corken® model Z3200

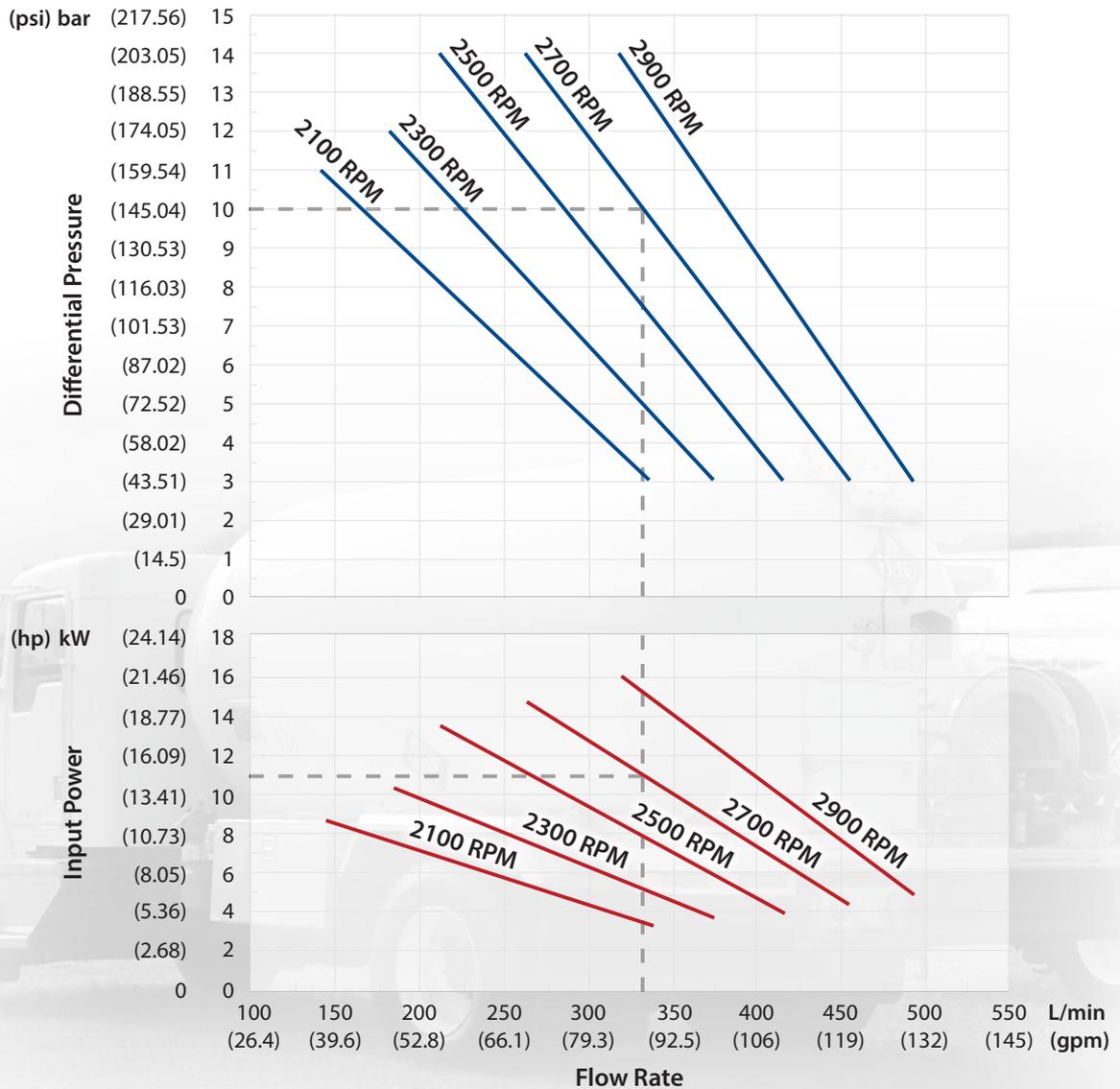
Note: Pump requires external bypass valve. Ebsray RV19 or Blackmer BV2 valves are recommended.



## R75 Operating Limits

Maximum Differential Pressure		Maximum Working Pressure		Hydrostatic Test Pressure		Minimum Temperature		Maximum Speed
bar	psi	bar	psi	bar	psi	°C	°F	rpm
14	203	30	425	70	1,050	-40	-40	3,500

## R75 Performance





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***Ebsray***<sup>®</sup>

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