Series e-1532
CLOSED COUPLED CENTRIFUGAL PUMP
PERFORMANCE CURVES - 60 HZ

B-262G

Now includes U.S. Dept. of Energy Pump Energy Index Data
Centrifugal Pump Energy Efficiency Information

The U.S. Department of Energy introduced Pump Energy Conservation Standards in January of 2016. These standards apply to five styles of clean water pumps in 1800 and 3600 nominal motor speeds. Pump manufacturers must sell only compliant products after January 27, 2020. Compliant products have Pump Energy Indexes (PEI) equal to or below 1.0 either in Constant Load (CL) or Variable Load (VL) applications.

In support of the U.S. DOE Pump Energy Conservation Standards, the North American Pump Manufacturers Association, The Hydraulic Institute, introduced its own Energy Rating (ER) Metric for clean water pumps which also requires certification of pump manufacturer’s test laboratories. Compliant products have Energy Ratings (ER) above 1.0 either in Constant Load (CL) or Variable Load (VL) applications.

All Bell & Gossett Centrifugal Pump products already comply with U.S. Department of Energy Pump Energy Conservation Standards and Hydraulic Institute Standards for Energy Ratings. Specific PEI and ER data is shown on each pump performance curve where applicable and on the pump nameplate.

For more information, visit http://bellgossett.com/e-series-pumps/# or http://er.pumps.org/ratings/home
Series e-1532 1800 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.85 ERCL: 15
Pump, Motor & Drive: PEIVL: 0.47 ERVL: 53

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.89 ERCL: 11
Pump, Motor & Drive: PEIVL: 0.48 ERVL: 52
Series e-1532  1800 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.91  ERCL: 9
Pump, Motor & Drive: PEIVL: 0.48  ERVL: 52

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.92  ERCL: 8
Pump, Motor & Drive: PEIVL: 0.50  ERVL: 50

Series e-1532
Bell & Gossett
2AD
1750 RPM

Series e-1532
Bell & Gossett
2.5AC
1750 RPM
5

Series e-1532 1800 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.90  ERCL: 10
Pump, Motor & Drive: PEIVL: 0.47  ERVL: 53

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.93  ERCL: 7
Pump, Motor & Drive: PEIVL: 0.46  ERVL: 54

* 6" and below requires oversized diameter and angle trim. See manual.
Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.93 ERCL: 7
Pump, Motor & Drive: PEIVL: 0.46 ERVL: 54

Series e-1532 1800 RPM SYNCHRONOUS SPEED

Bell & Gossett
5A
1750 RPM

Date: 6/30/2013
Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.82 ERCL: 18
Pump, Motor & Drive: PEIVL: 0.43 ERVL: 57

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Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.83 ERCL: 17
Pump, Motor & Drive: PEIVL: 0.42 ERVL: 58
Series e-1532                       1800 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.86  ERCL: 14
Pump, Motor & Drive: PEIVL: 0.43  ERVL: 57

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.90  ERCL: 10
Pump, Motor & Drive: PEIVL: 0.45  ERVL: 55

Series e-1532

Bell & Gossett
2BD
1750 RPM

Series e-1532

Bell & Gossett
2.5BB
1750 RPM
Series e-1532 1800 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
- Pump & Motor: PEICL: 0.90, ERCL: 10
- Pump, Motor & Drive: PEIVL: 0.45, ERVL: 55

Series e-1532 3BD 1770 RPM

Energy Efficiency Ratings:
- Pump & Motor: PEICL: 0.93, ERCL: 7
- Pump, Motor & Drive: PEIVL: 0.46, ERVL: 54

Bell & Gossett

Series e-1532 4BD 1770 RPM

Energy Efficiency Ratings:
- Pump & Motor: PEICL: 0.90, ERCL: 10
- Pump, Motor & Drive: PEIVL: 0.45, ERVL: 55

Bell & Gossett
Series e-1532 1800 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.92  ERCL: 8
Pump, Motor & Drive: PEIVL: 0.45  ERVL: 55

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.94  ERCL: 6
Pump, Motor & Drive: PEIVL: 0.45  ERVL: 55
Series e-1532

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.86  ERIC: 14
Pump, Motor & Drive: PEIVL: 0.43  ERVL: 57

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.93  ERIC: 7
Pump, Motor & Drive: PEIVL: 0.45  ERVL: 55
Series e-1532 1800 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
- Pump & Motor: PEICL: 0.95  ERCL: 5
- Pump, Motor & Drive: PEIVL: 0.46  ERVL: 54

Bell & Gossett

4EB 1750 RPM

Energy Efficiency Ratings:
- Pump & Motor: PEICL: 0.94  ERCL: 6
- Pump, Motor & Drive: PEIVL: 0.46  ERVL: 54

Bell & Gossett

5EB 1770 RPM
Series e-1532

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.91, ERCL: 9
Pump, Motor & Drive: PEIVL: 0.45, ERVL: 55

Series e-1532

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.94, ERCL: 6
Pump, Motor & Drive: PEIVL: 0.46, ERVL: 54

Bell & Gossett

4GC
1770 RPM

Bell & Gossett

5GB
1770 RPM
Series e-1532

1800 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
- Pump & Motor: PEICL: 0.94  ERCL: 6
- Pump, Motor & Drive: PEIVL: 0.46  ERVL: 54
Series e-1532  1200 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Not applicable: maximum Hp below 1 Hp and 1200 RPM - out of DOE regulation scope.

Series e-1532
Bell & Gossett

1.25AD
1150 RPM

Energy Efficiency Ratings:
Not applicable: maximum Hp below 1 Hp and 1200 RPM - out of DOE regulation scope.

Series e-1532
Bell & Gossett

1.5AD
1150 RPM
Series e-1532
1200 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Not applicable: maximum Hp below 1 Hp and 1200 RPM - out of DOE regulation scope.

Date: 3/29/2013

Series e-1532

2AD
1150 RPM

Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.

Date: 9/28/2012
Series e-1532 1200 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.

Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.

* 6" and below requires oversized diameter and angle trim. See manual.
Series e-1532

1200 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.

Bell & Gossett

5A
1150 RPM

Date: 8/30/2013
Series e-1532  1200 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.

Series e-1532

Bell & Gossett

1.25BC  1150 RPM

Series e-1532

Bell & Gossett

1.5BC  1150 RPM

Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.
Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.

Bell & Gossett
2BD
1170 RPM

Bell & Gossett
2.5BB
1150 RPM
Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.
Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.
Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.

Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.

Series e-1532 1200 RPM SYNCHRONOUS SPEED
Series e-1532
1200 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.
Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.
Series e-1532 1200 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.

Bell & Gossett
2GB
1150 RPM

Bell & Gossett
3GB
1150 RPM

Date: 12/31/2013
Energy Efficiency Ratings:
Not applicable: 1200 RPM - out of DOE regulation scope.

Series e-1532

6G
1150 RPM

Series e-1532

8GB
1180 RPM

Bell & Gossett

Date: 12/14/2013

Date: 8/30/2013
Series e-1532
3600 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.92 ERCL: 8
Pump, Motor & Drive: PEIVL: 0.47 ERVL: 53

Series e-1532

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.91 ERCL: 9
Pump, Motor & Drive: PEIVL: 0.46 ERVL: 51

Bell & Gossett
2AD
3550 RPM

Bell & Gossett
2.5AC
3550 RPM
Energy Efficiency Ratings:

Pump & Motor: PEICL: 0.91 ERCL: 9
Pump, Motor & Drive: PEIVL: 0.46 ERVL: 54

Energy Efficiency Ratings:

Pump & Motor: PEICL: 0.97 ERCL: 3
Pump, Motor & Drive: PEIVL: 0.52 ERVL: 48

* 6" and below requires oversized diameter and angle trim. See manual.
Series e-1532

3600 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Pump & Motor: PEICL: 1.0  ERCL: 1
Pump, Motor & Drive: PEIVL: 0.50  ERVL: 50

Bell & Gossett

5A
3550 RPM

Date: 8/30/2013
Series e-1532 3600 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.81 ERCL: 19
Pump, Motor & Drive: PEIVL: 0.41 ERVL: 59

Series e-1532
Bell & Gossett
1.25BC 3525 RPM

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.83 ERCL: 17
Pump, Motor & Drive: PEIVL: 0.42 ERVL: 58

Series e-1532
Bell & Gossett
1.5BC 3525 RPM
Series e-1532
3600 RPM SYNCHRONOUS SPEED

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.93   ERCL: 7
Pump, Motor & Drive: PEIVL: 0.47   ERVL: 53

Bell & Gossett
2BD
3550 RPM

Energy Efficiency Ratings:
Pump & Motor: PEICL: 0.95   ERCL: 5
Pump, Motor & Drive: PEIVL: 0.48   ERVL: 52

Bell & Gossett
2.5BB
3550 RPM
1) The tissue in plants that brings water upward from the roots;
2) a leading global water technology company.

We’re a global team unified in a common purpose: creating advanced technology solutions to the world’s water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xyleminc.com

We value your feedback. Please take our 3 question survey at bellgossett.com/survey to let us know how we are doing.