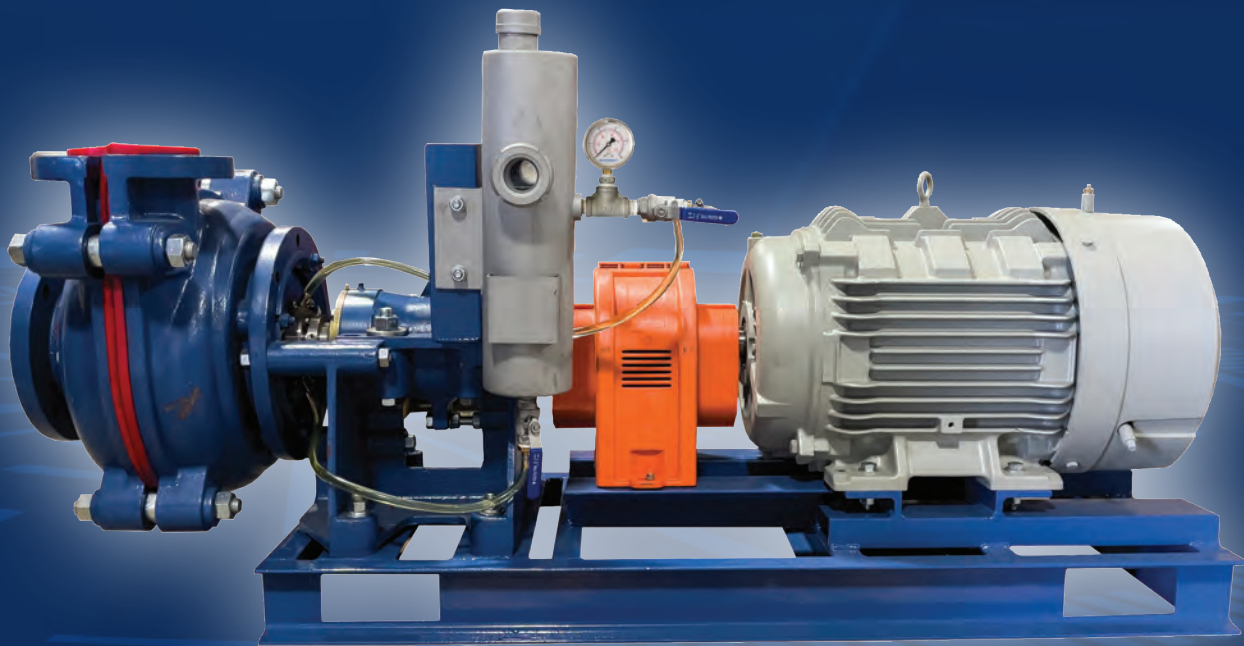


ELGIN

DuroLast RB/NE™ Abrasion Resistant Slurry Pump



Natural Resource Recycling • Product Classification • Dewatering • Fluid Recovery
Waste Management • Material Handling • Liquid/Solid Separation • Crushers • Feeders

TERRASOURCE
GLOBAL

OUR FLAGSHIP BRANDS

GUNDLACH
CRUSHERS

JEFFREY RADER

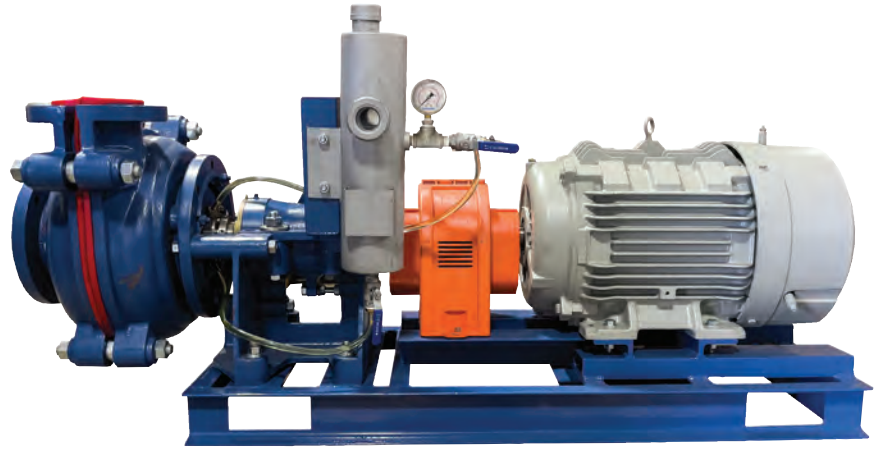
Pennsylvania
Crusher

ELGIN

DuroLast RB/NE™ Abrasion Resistant Slurry Pump

When utilizing centrifugal pumps, operators are faced with a variety of problems involving abrasive materials that reduces performance thru impeller and pump casing wear. At Elgin, we develop solutions that solve real problems operators are facing today.

Elgin's DuroLast RB/NE™ abrasion resistant slurry pumps are designed to better manage abrasive materials associated with pumping operations. Whether operated as a standalone pump or part of Elgin's turn-key solutions, abrasion resistant slurry pumps improve performance and extends pump life versus traditional pumps.



DuroLast 43RB™
Abrasion Resistant
Slurry Pump

Abrasion Resistant Pump Casing Liner

Elgin's DuroLast RB/NE™ pumps can be configured with either a HDPE Polyurethane or Nitrile Rubber liner that are designed to protect the casing from extended wear caused by abrasive and corrosive material while improving performance.



Premium Heavy-Duty Mechanical Seal

Pump performance is further enhanced with a premium heavy-duty mechanical seal that prevents leakage of fluid from the pump while improving performance when processing high temperature and highly abrasive material.



Thermal Siphon Cooling Technology

Mechanical seal operation is further enhanced with an onboard thermal siphon technology that prevents pump damage from run-dry operating conditions and lubricates components to prevent high temperatures from occurring.



DuroLast RB/NE™ Abrasion Resistant Slurry Pump

Pump Size (Inches)	Flow Rate (GPM/LPS)	Motor Sizes (HP)	Premium Heavy-Duty Mechanical Seal	Integrated Thermal Siphon	Timken™ Quick-Flex Elastomeric Coupling	Max Particle Size (Inches)
3" x 2"	158 to 330 GPM (10 to 21 LPS)	10 to 30 HP	√	√	√	0.83 "
4" x 3"	347 to 790 GPM (22 to 50 LPS)	10 to 30 HP	√	√	√	1.1"
6" x 4"	633 to 1,425 GPM (40 to 90 LPS)	25 to 75 HP	√	√	√	1.3"
8" x 6"	1,425 to 3,168 GPM (90 to 200 LPS)	50 to 150 HP	√	√	√	2.3"

Pump Casing Liner

Two-part HDPE Polyurethane or Nitrile Rubber liner reduces casing wear from abrasive fluids. Polyurethane liner is designed for water-based applications while the Nitrile liner is for oil/chemical operations.

Impeller

Impeller wear is minimized with an elastomer coating. In addition, centering of impeller within the casing is simplified with adjustable screw on bearing housing.

Split Casing

Access to pump bearings is made easy with a split casing design.



Abrasion Resistant Pump Benefits/Features

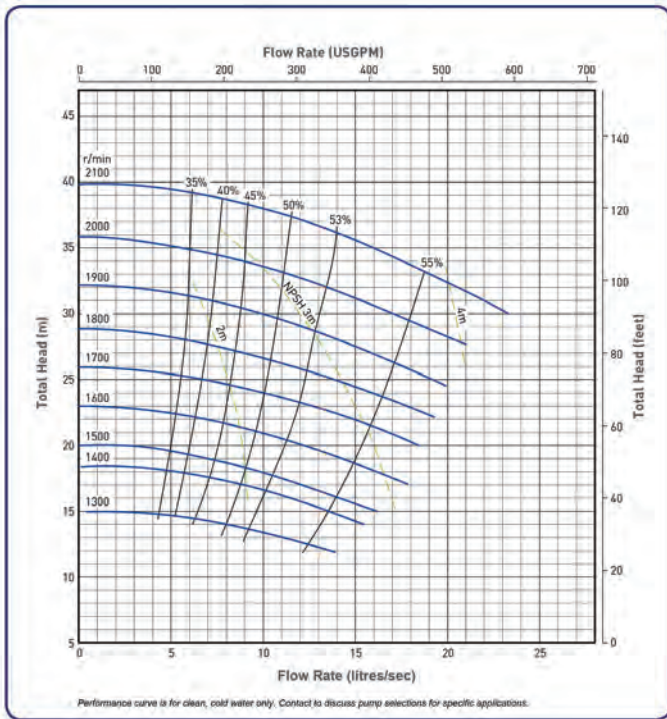
- Pump frames have been redesigned to reduce overall pump weight by 10%. Despite the weight reduction, the redesign has also improved pump strength to ensure long bearing life.
- Timken™ Quick-Flex coupling allows for ease of maintenance of the pump in the field.
- Multiple Applications - suitable for seawater, freshwater, drilling mud, as well as a host of industrial applications such as cement, mining dewatering, and many more.
- HDPE Polyurethane liner for water-based applications and Nitrile Rubber for oil-based applications.

Looking for stand alone pump packages? Elgin offers skid mounted systems paired with diesel engine power packs.

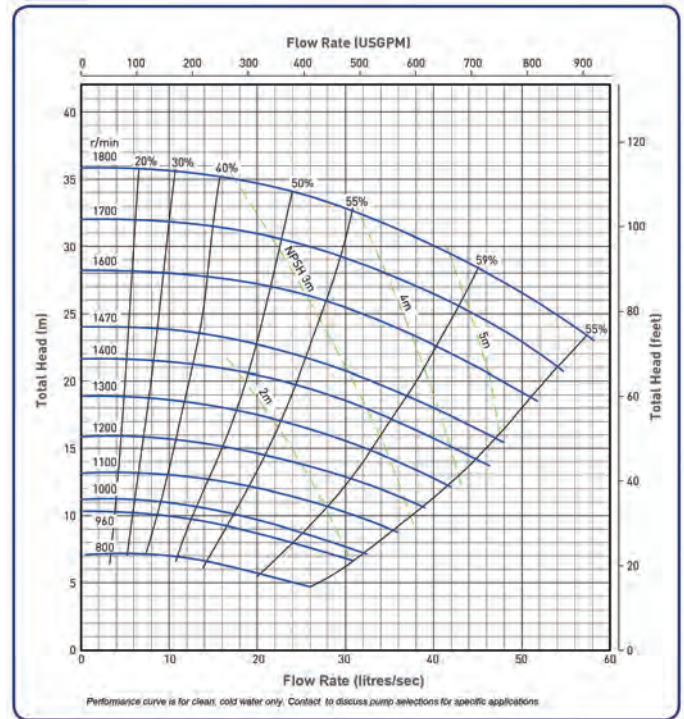


DuroLast RB/NE™ Abrasion Resistant Slurry Pump Curves

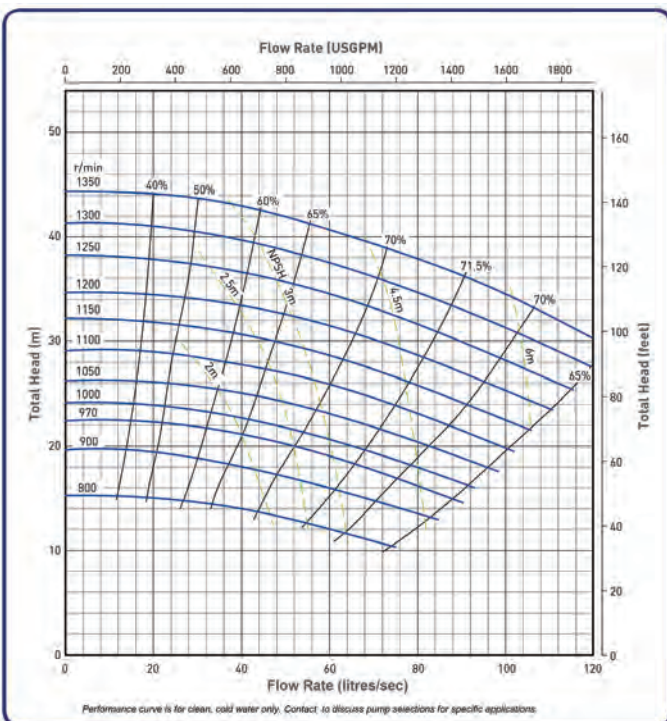
3 x 2 Pump Curve



4 x 3 Pump Curve



6 x 4 Pump Curve



8 x 6 Pump Curve

