



Blaster (EB)

Filtered effluent pumps

The Blaster (EB), is a stainless-steel filtered effluent pump powered by a premium Goulds Water Technology motor. The Blaster features a hex shaft design for positive impeller drive and stainless-steel bowls for strength and abrasive resistance. This pump is designed for spray irrigation, drip systems, or for pumping filtered effluent from processed septic systems.

Features

- Designed to run within the motor's recommended limits for safe, reliable performance.
- Corrosion resistant components for long-lasting performance:
 - **Stainless steel metal parts** - non-toxic, non-leaching stainless steel ensure durability and dependable operation.
 - **Engineered impellers and diffusers** - made from glass-filled polycarbonate or Noryl® composite for resistance to wear and harsh effluents.
 - **Robust discharge head** - crafted from engineered composite for superior strength and corrosion resistance, with integrated safety line loops.
 - **Precision motor adapter** - composite design provides accurate alignment between motor and pump and allows easy access for maintenance.
 - **Stainless steel bowls** - for strength and abrasion resistance for consistent performance.
- Three (3) years standard warranty/Four (4) years GPDA

Specifications

Model	GPM	HP	Gpm (Best Efficiency)	Dis-charge size	Max solids	Rotation*
8EB	1.5 – 10	½ – 1	7	1¼	1/16" dia.	CCW
12EB	3 – 16	½ – 1½	10	1¼	1/16" dia.	CCW
20EB	6 – 28	½ – 1½	18	1¼	1/16" dia.	CCW
33EB	10 – 50	½ – 1½	33	1¼	1/16" dia.	CCW
55EB	20 – 80	½ – 1½	55	1¼	1/16" dia.	CCW

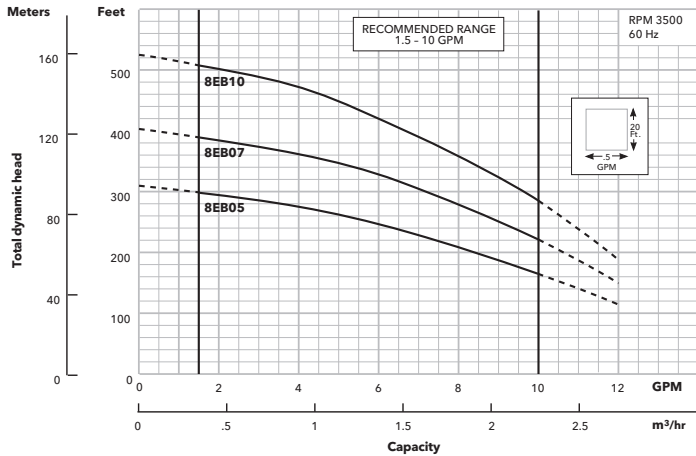
*Rotation is counterclockwise when observed from pump discharge end.

Materials of construction

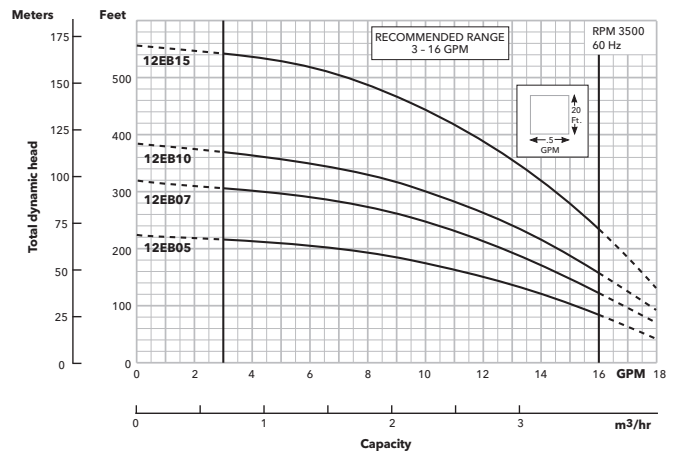
Part name	Material
Discharge head	Glass filled eng. composite
Check valve poppet	Delrin
Check valve seal	BUNA, FDA compliant
Check valve retaining ring	AISI 302 SS
Bearing spider – upper	Noryl® / GFN2
Bearing	Proprietary eng. polymer
Shaft retaining ring	AISI 301 SS
Diffuser	Lexan® / Noryl®
Impeller	Noryl® / GFN2
Bowl	AISI 304 SS
Shim	AISI 304 SS
Inlet strainer	Glass filled eng. composite
Screws – cable guard	AISI 304 SS
Motor adapter	Glass filled eng. composite

Performance curves

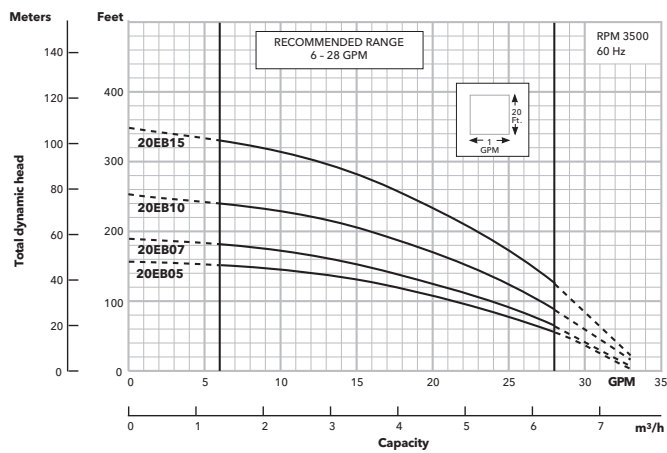
Model 8EB



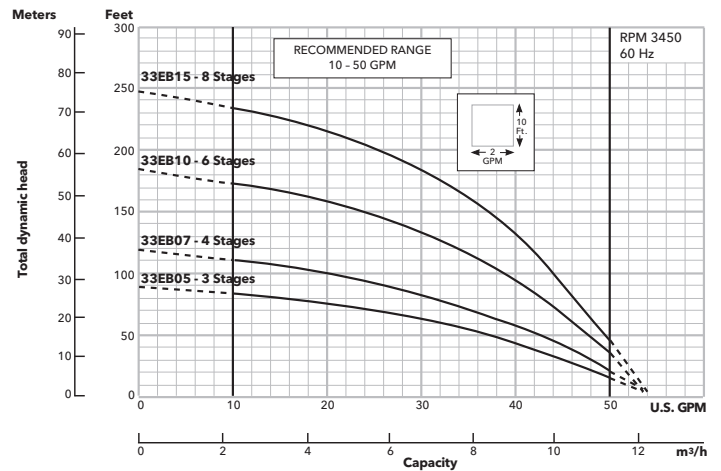
Model 12EB



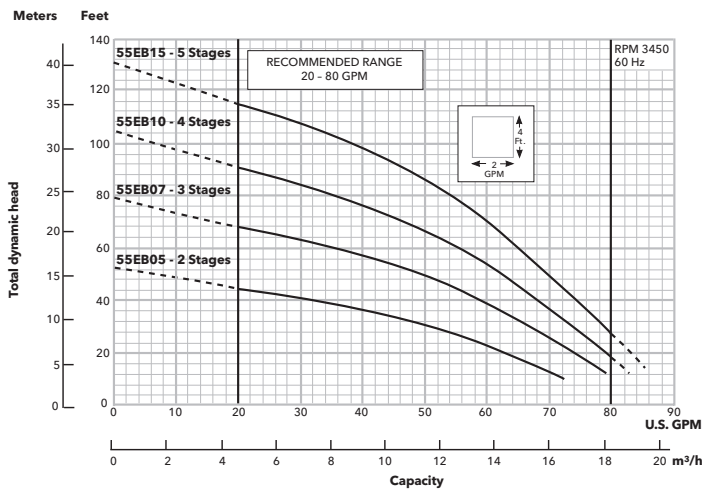
Model 20EB



Model 33EB



Model 55EB



Applications

- Spray irrigation
- Drip systems
- Mound systems
- Long distance pumping jobs



Learn more about
Blaster (EB) Pumps



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