

One Source

KREBS® millMAX-e™ pump



**The new high-efficiency slurry pump
designed for abrasive slurry applications**

FLSMIDTH
KREBS

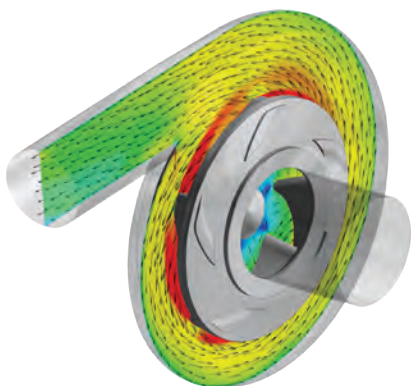
millMAX[®] technology taken to the next level

The millMAX-e™ pump is a **HIGH EFFICIENCY** slurry pump designed to maximize efficiency and minimize cost of ownership.

Ideal for applications in:

- Mineral sands
- Alumina
- Solvent extraction
- Dilute media
- Gland water
- Fine coal
- All thickener overflow and tailings return water
- Other high efficiency applications

Designed with the latest Computational Fluid Dynamics flow prediction software.



millMAX-e Wet End Design

Introducing the new millMAX-e™ pump

Mining operations around the world rely on the extended operational lifetime characteristics of FLSmidth Krebs millMAX[®] pumps. Developed initially for mill discharge duties and adapted for other severe abrasive slurries, the millMAX pump uses patented technology to minimize the cost per ton pumped compared to conventional hard metal and rubber lined slurry pumps.

Now, FLSmidth Krebs experts have further optimized the millMAX design to bring increased life and higher efficiency to your slurry application.

Added efficiency

The hydraulically advanced impeller and an extremely efficient design, gives the end user a maintenance friendly pump that will often enable the customer to downsize the drive motor, thus further minimizing cost while maximizing efficiency.

Total cost of ownership

With a low upfront cost and increased power savings, the millMAX-e can pay for itself in less than a year of operation.

Wide capacity range

FLSmidth Krebs offers the millMAX-e pump in suction sizes of 2 to 16 inches (50 to 400 mm), providing a wide range of capacity.

Pump Sealing Options

- Water flush
- Centrifugal (expeller)
- driMAX mechanical

High efficiency impeller

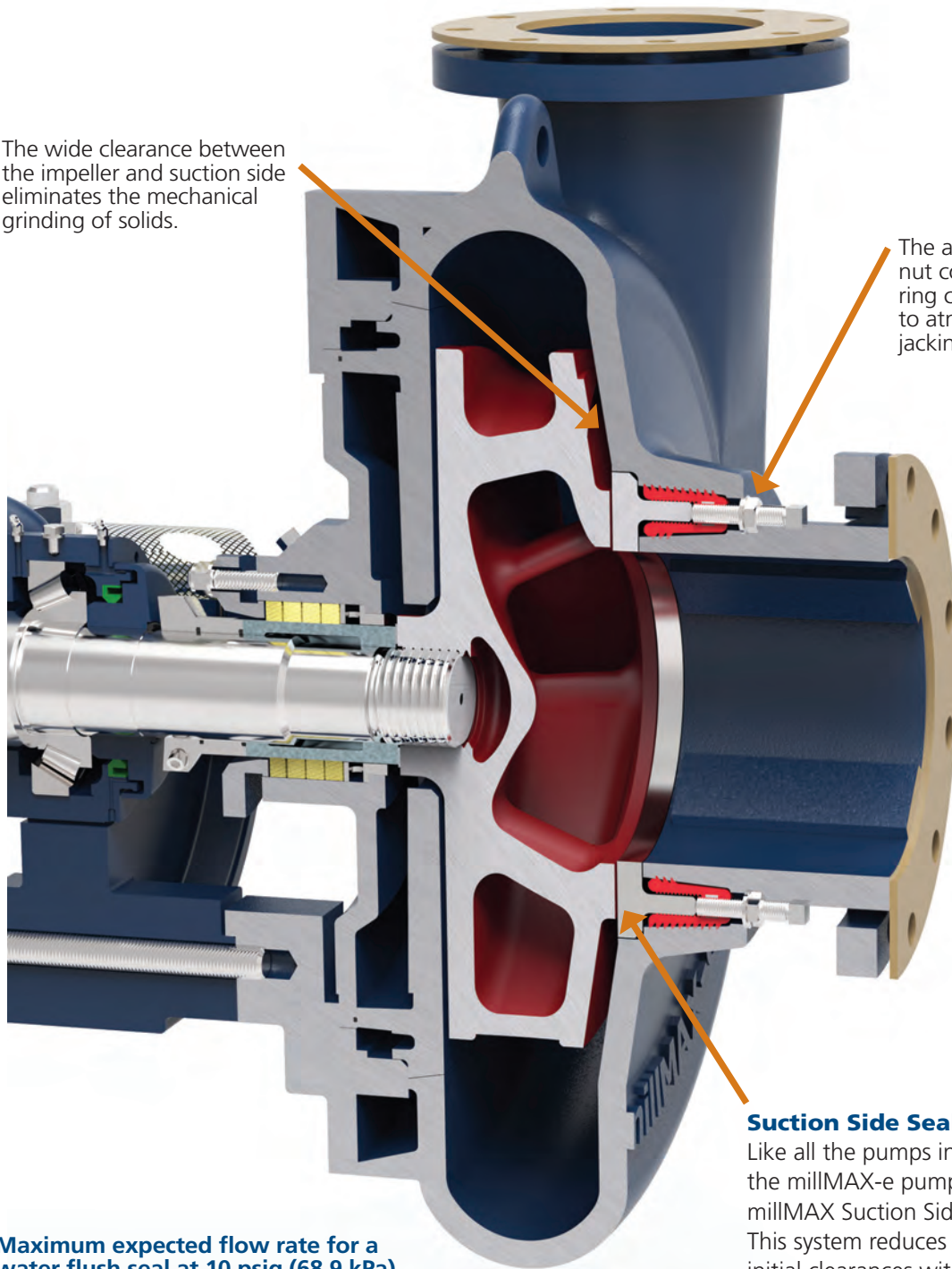
- Increased efficiency
- Increased wear life
- Increased maximum head

Size Range	Metric (mm)
2 x 1.5	50
3 x 2	80
4 x 3	100
6 x 4	150
8 x 6	200
10 x 8	250
12 x 10	300
14 x 12	350
16 x 14	400

Revolutionizing pumping efficiency

The wide clearance between the impeller and suction side eliminates the mechanical grinding of solids.

The adjusting screw lock nut compresses the wear ring carrier to provide a seal to atmosphere and lock the jacking screw in place.



Maximum expected flow rate for a water flush seal at 10 psig (68.9 kPa) above pump discharge pressure

Power Frame	High (gpm)	High (m3/h)	Low (gpm)	Low (m3/h)
EMAAA	2.5	0.57	0.5	0.11
MMAA	8	1.82	1	0.23
MMA	15	3.41	2	0.45
MMB	20	4.54	3	0.68
MMC	25	5.68	4	0.91

Suction Side Sealing System

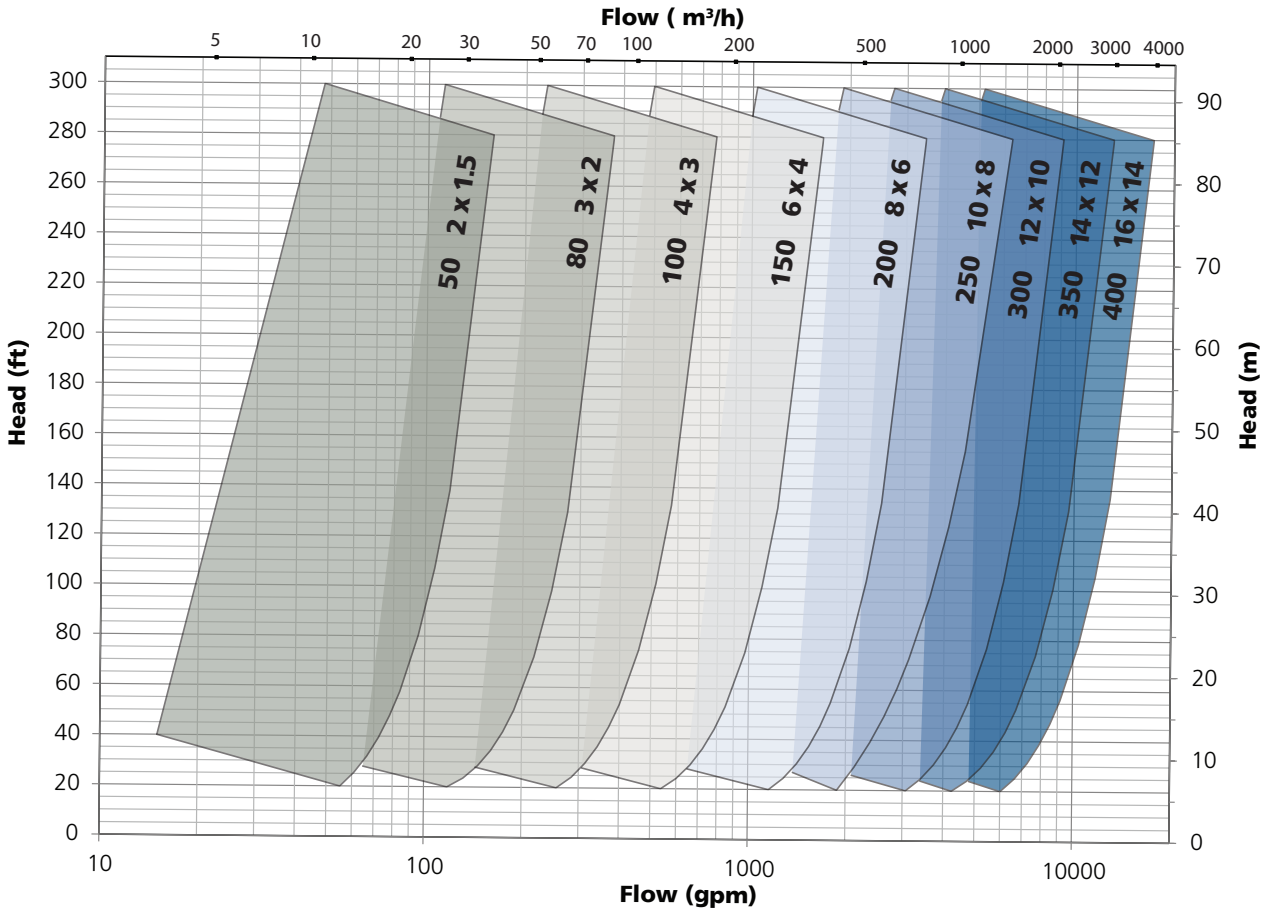
Like all the pumps in the millMAX family, the millMAX-e pump includes the patented millMAX Suction Side Sealing System. This system reduces wear by maintaining initial clearances within the pump to reduce internal recirculation and eliminate solids grinding between the impeller and suction side.

Adjustment can be made while the pump is in operation. The result achieves a constant flow and pressure, without having to speed up the pump. This extends the life of all wet end parts and reduces power consumption.

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www.flsmidthkrebs.com

Quick Selection Guide



World-class Service

The Krebs' customer service philosophy is to consistently exceed the expectations of our customers when it comes to providing technical support, processing orders and maintaining parts availability. Starting with the sales process, and extending throughout the life of the supplied process solution, we strive to provide an unmatched, world-class customer experience.

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