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Blackmer® System One® Pumps Offer Reliable Transfer Technology for Multiple Water & Wastewater Applications

Grand Rapids, MI, October 20, 2011 – Blackmer®, a global leader in positive displacement and centrifugal pumps and reciprocating gas compressors, announces that its System One® centrifugal pumps are designed for high-volume, severe-duty applications making them ideal for critical applications in the water and wastewater industries. Designed around the seal where 90% of pump failures occur, the System One® has a stiffer heavy-duty shaft and larger bearings resulting in the widest operational window off the Best Efficiency Point (BEP) than any standard process pump. This means facility operators can expect the System One pump to improve mean time between failures to reduce maintenance costs.

The System One is available on four frame variations, with multiple size configurations for nearly any water and wastewater transfer application. Each frame type offers the lowest L^3/D^4 stiffness ratio of any competitive size pump. The Frame S is a heavy-duty alternative to standard small frame pumps, delivering capacities to 102 m³/hr (450 gpm) while meeting ASME/ANSI dimensional specifications. The Frame A and LD17 have the most stable shaft for its size in the industry that dramatically reduces bearing, mechanical seal and shaft failures, while reaching capacities of 320 m³/hr (1,400 gpm). The Frame M is the only ASME/ANSI B73.1 pump of its size that offers an available centerline mount for high temperature applications. The Frame M pump also includes an optional left/right side discharge and vertical mount configuration.



In addition to the three frame styles, the System One line of pumps includes a Vortex pump version. The Vortex pump can handle entrained solids without clogging. Available in the LD17 configuration, the Vortex pump has capacities to 340 m³/hr (1,500 gpm).

For more information on Blackmer System One® centrifugal pumps in the water and wastewater industries, please visit www.blackmer.com. Blackmer is a member of the Dover Corporation's Pump Solutions Group (PSG™). For more information on PSG, visit www.pumpsg.com.

Blackmer® is the leading global provider of innovative and high-quality rotary vane pump, centrifugal and peristaltic (hose) pump, and reciprocating compressor technologies for the transfer of liquids and gasses. For more than a century, the Blackmer name has stood for unparalleled product performance, superior services and support, well-timed innovation and a commitment to total customer satisfaction. Supported by a worldwide network of distributors and original equipment manufacturers, Blackmer pumps and compressors are used in a multitude of applications in the Process, Energy and Military & Marine markets. Blackmer—headquartered in Grand Rapids, Michigan, USA—is a member of Dover Corporation's Pump Solutions Group (PSG™).

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