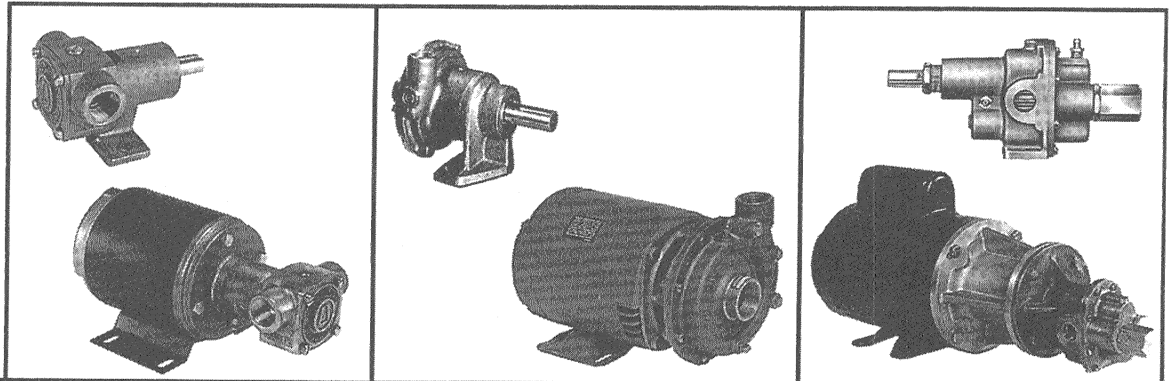


## OBERDORFER PUMPS

*A Subsidiary of Thomas Industries Inc.*



Index	Rubber Impeller See summary pages 12, 13	Centrifugal See summary pages 14, 15		Rotary Gear See summary pages 16, 17
<b>Materials</b>	Bronze	Bronze	Plastic	Bronze
<b>Flow</b>	0-58 GPM	0-100 GPM	0-200 GPM	0-150 GPM
<b>Pressure</b>	0-40 PSI	0-60 PSI	0-50 PSI	0-150 PSI
<b>Performance</b>	Flow drops to zero with maximum pressure output.	Flow drops to zero with maximum pressure output.		Positive displacement. Little flow decrease with pump pressure increase. Flow increases with speed increase.
<b>Suction Lift</b>	0-15 feet below pump level when impeller is wet. <i>Do not run dry.</i>	Zero for straight centrifugals. (15 feet with foot valve.) Self priming models to 20 feet.		0-20 FT. Below Pump Level
<b>Liquid Cleanliness and Viscosity</b>	Clean or contaminated. Viscous liquids up to 15,000 SSU require lower pump speed.	Clean or contaminated. Cannot pump viscous liquids above 2000 SSU.		Close tolerances require clean liquids. Viscous liquids require lower pump speeds.
<b>Liquid Compatibility</b>	No solvents or liquids harmful to rubber.	Most common liquids.	Corrosive liquids and chemicals.	Most common liquids and compatible chemicals.
<b>Noise</b>	From evident to quiet.	Extremely quiet.		Metal to metal gear noises very evident. Metal to plastic gear noise quiet. Plastic to plastic gear noise most quiet.
<b>Power Required</b>	High start-up power required . . . less when in operation.	Least amount to start and operate; maximum amount at wide open flow and zero pressure; power demand decreases with pressure increase.		Power demand increases with speed and pressure.
<b>Discharge Line</b>	<i>Do not shut off.</i>	May shut off for long time periods (hours, when wet).		Positive displacement relief valve necessary to shut off.
<b>Bearing Lubrication Required</b>	Carbon Bearings - No Bronze Bearings - Yes	No	No	Carbon Bearings - No Bronze Bearings - Yes
<b>*Temperature</b>	40° to 140°F.	-40°F to 250°F.	0° to 180°F.	Carbon Bearings — -40° to +300°F. Bronze Bearings — -40° to +400°F.
<b>*Seal Arrangement</b>	Lip, Mechanical	Mechanical	Mechanical	Packing, Lip, Mechanical

\*See engineering sheets (forms WV 1-6) for temperature range of seals, gears, and bearings.