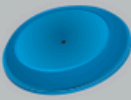









PUMPING PRINCIPLE								
AODD VS. OTHERS	 AODD	Kinetic Centrifugal	Positive Displacement					 EODD
		 Centrifugal	 Lobe	 Gear	 Progressive (Screw)	 Peristaltic (Hose)	 Piston/Plunger	
Variable Flow & Head Control (inherently adjustable)	✓	✓	!	!	!	!	!	!
Deadheads Safely (at zero energy consumption)	✓	!	!	!	!	!	!	!
Dry-Running	✓	X	X	X	X	X	X	✓
Dry-Priming (lift installations)	✓	X	X	✓	X	X	!	!
No Installation Alignment Required	✓	X	X	X	X	X	X	X
No Electrical Installation Required	✓	X	X	X	X	X	X	X
Portability	✓	✓	!	!	!	✓	!	!
Submersible	✓	!	X	X	X	X	X	X
Sealless (no packing or mechanical seals)	✓	!	!	!	!	✓	!	✓
No Slip (thin liquids)	✓	✓	!	!	!	✓	!	✓
Cavitation Tolerance (low NPSHa)	✓	X	!	!	✓	!	!	✓
Low Shear & Degradation	✓	X	✓	✓	!	!	!	✓

✓ = Suitable      ! = Limitations      X = Not Recommended