

Variable Speed Drive Pumps

Feature/Specific Action	VSP Intelligent Pump 		HMS Stainless Steel Intelligent Booster Pump 		BWD Intelligent Booster Pump 	
Models	VSP1	VSP2	HMS750 / HMS1500		BWD5-40 / BWD12-40	
Motor Power	0.75kw	1.5kw	0.75kw	1.5kw	1.2kw	2.2kw
Max Head	45m	60m	47m	57m	85m	70m
Rated Head	28m	35m	33m	42m	45m	35m
Max Flow	4 m³/h	6.5 m³/h	5 m³/h	8 m³/h	9.5 m³/h	17 m³/h
Rated Flow	1.8 m³/h	2.8 m³/h	2.8 m³/h	4.5 m³/h	5 m³/h	12 m³/h
Voltage & Frequency	230V ±10%, 50 Hz		230V ±10%, 50 Hz		230V ±10%, 50 Hz	
Inlet Size	1"	1 ½"	1"	1 ¼"	1 ¼"	2"
Outlet Size	1"	1 ½"	1"	1"	1.¼"	2"
Max Fluid Temperature	45°C		45°C		45°C	
Max Ambient Temperature	40°C		40°C		40°C	
Pump Material	Cast Iron		304 Stainless Steel		304 Stainless Steel	
Auto Start/Stop	✓		✓		✓	
VSD (Variable Speed Drive)	✓		✓		✓	
Pressure Transducer	✓		✓		✓	
Dry Run Protection	✓		✓		✓	
Over-Current Protection	✓		✓		✓	
Over-/Under Voltage Protection	✓		✓		✓	
Overload Protection	✓		✓		✓	
Auto- Rotation (Bearing Rotation)	✓		✓		N/A	