

SUMMIT SERIES VERTICAL MULTI-STAGE DRIVE KITS BIA-2VMS3/18M-DRIVE – 812416



| | T |
|--------------------|---------------|
| MAX FLOW [M3/H] | 4 |
| MAX FLOW (LPM) | 67 |
| WAX I LOW (LI IVI) | 07 |
| MAX HEAD | 159 |
| | |
| WORKING AIR TEMP | 0*C - 40*C |
| LIQUID TEMPERATURE | -15*C – 120*C |

TECHNICAL DATA KIT

PER PUMP SPECIFICATIONS

33 Bar

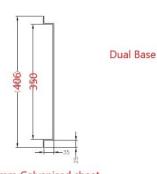
MAXIMUM PUMP PRESSURE

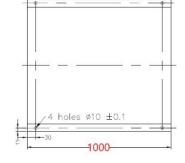
| RATED VOLTAGE CURRENT | Single Phase 230V +10% - 6% |
|-----------------------|-----------------------------|
| RATED CURRENT | 7.66 AMPS |
| POWER (KW) | 2.2 kW 2 Pole |
| CAPACITOR | 200uF start, 35uF run |
| MOTOR IP RATING | IP55 |
| MOTOR INSULATION | Class F |
| MOTOR EFFECIENCY STD | IE3 |
| MOTOR EFFECIENCY | 85.9% |
| COSø | 0.85 |
| MECHANICAL SEAL | AS-L-12 |
| OUTLET DIN FLANGE | DN25 |

INCLUDES

- VMS Pump
- NXT Drive (Variable Frequency Drive)
- Counter Flange (In DN25 to DN65)
- Fiber Gasket to suit counter flanges
- Watermarked Spring Check Valve
- Manifold (304 Stainless Steel)
- Pressure Transducer
- 30 Bar Liquid Filled Pressure Gauge
- Galvanised Single/Double/Triple
- Ball Valve (304 Stainless Steel)
- Pressure Tank Included in Scope of Supply
- Braided Hose 20 Bar 1.5m 1" BSPF (10/6 only)

DIMENSIONS



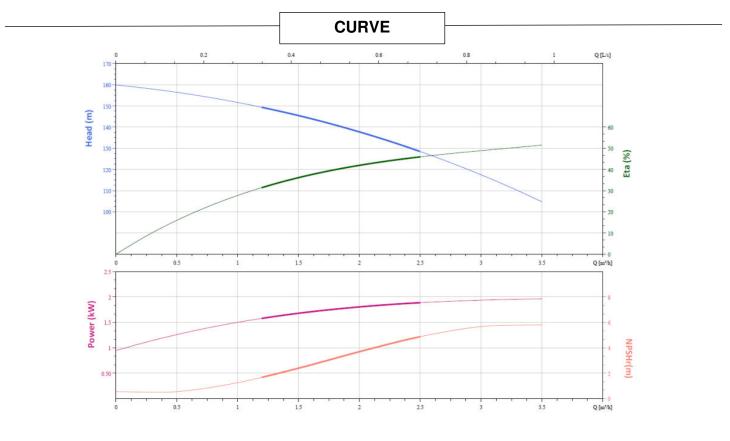


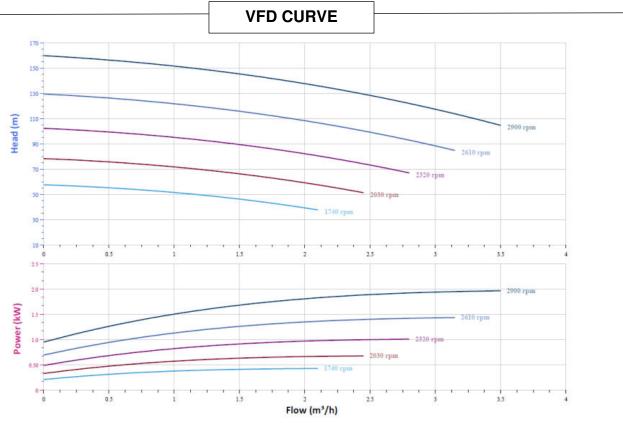






SUMMIT SERIES VERTICAL MULTI-STAGE DRIVE KITS BIA-2VMS3/18M-DRIVE – 812416



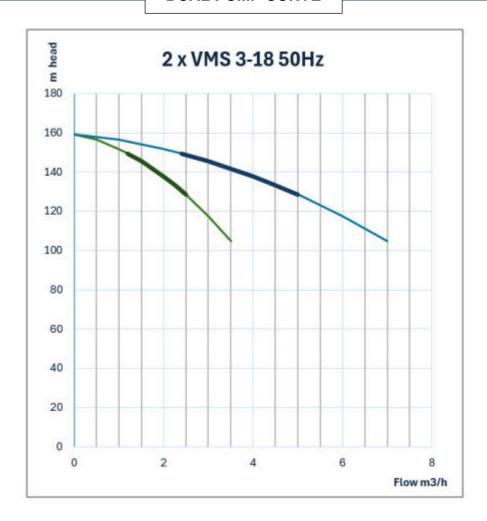




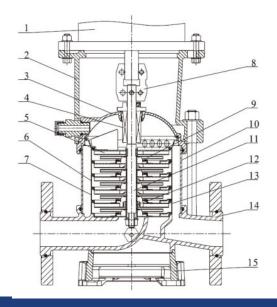


SUMMIT SERIES VERTICAL MULTI-STAGE DRIVE KITS BIA-2VMS3/18M-DRIVE – 812416

DUAL PUMP CURVE



CUTAWAY & MATERIALS

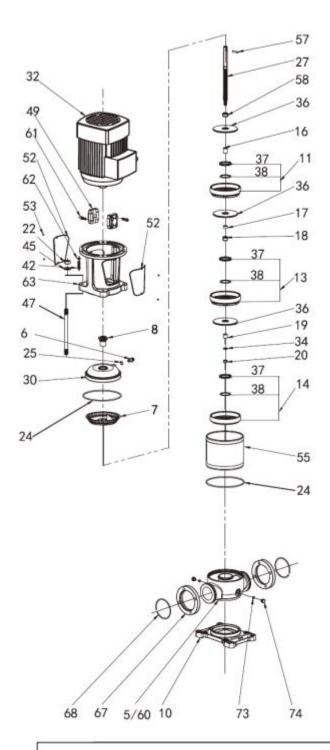


| 1 | Motor | / |
|----|----------------------|-------------------------------------|
| 2 | Bracket | Ductile Cast Iron |
| 3 | Seal Base | Stainless / Ductile Cast Iron |
| 4 | Mechanical Seal | AS-L-16 |
| 5 | Top Diffuser | Stainless Steel |
| 6 | Diffuser | Stainless Steel |
| 7 | Support Diffuser | Stainless Steel |
| 8 | Coupling | Stainless Steel |
| 9 | Impeller | Stainless Steel |
| 10 | Cylinder | Stainless Steel |
| 11 | Shaft | Stainless Steel |
| 12 | Intermediate Bearing | SIC / WC |
| 13 | Inducer | Stainless Steel |
| 14 | Inlet/Outlet Chamber | Stainless Steel / Ductile Cast Iron |
| 15 | Base | Ductile Cast Iron |





SUMMIT SERIES VERTICAL MULTI-STAGE **DRIVE KITS** BIA-2VMS3/18M-DRIVE - 812416



- 6 Air vent plug
- 7 Top diffuser
- 8 Mechanical seal
- 10 Base plate
- 11 Diffuser
- 13 Support diffuser
- 14 Inducer
- 16 Impeller sleeve
- 17 Short impeller sleeve
- 18 Wear ring
- 19 Inlet impeller cover
- 20 Lock nut
- 22 Nut
- 24 O-ring
- 25 O-ring
- 27 Pump shaft
- 30 Seal base
- 32 Motor
- 34 Washer 36 Impeller
- 37 Choma cover
- 38 Choma
- 42 Blot
- 45 Washer
- 47 Stay bolt
- 49 Coupling
- 52 Coupling guard
- 53 Screw
- 55 Cylinder
- 57 Shaft pin
- 58 Locating sleeve
- 60 Common inlet and outlet chamber
- 61 Socket head cap screw
- 62 Washer 63 Bracket
- 67 Flange
- 68 Flange retaining ring
- 73 O-ring
- 74 Drain plug

WARRANTY / CERTIFICATIONS







