

SUMMIT SERIES VERTICAL MULTI-STAGE DRIVE KITS BIA-3VMS5/10M-DRIVE – 812439



TECHNICAL DATA KIT

MAX FLOW [M3/H]	12
MAX FLOW (LPM)	201
MAX HEAD	111
WORKING AIR TEMP	0*C - 40*C
LIQUID TEMPERATURE	-15*C – 120*C
MAXIMUM PUMP PRESSURE	33 Bar

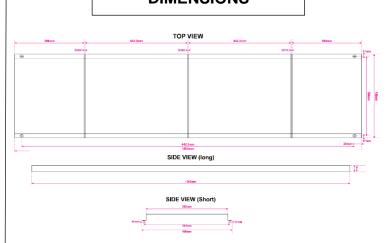
PER PUMP SPECIFICATIONS

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	84.2%
COSø	0.84
MECHANICAL SEAL	AS-L-12
OUTLET DIN FLANGE	DN32

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)

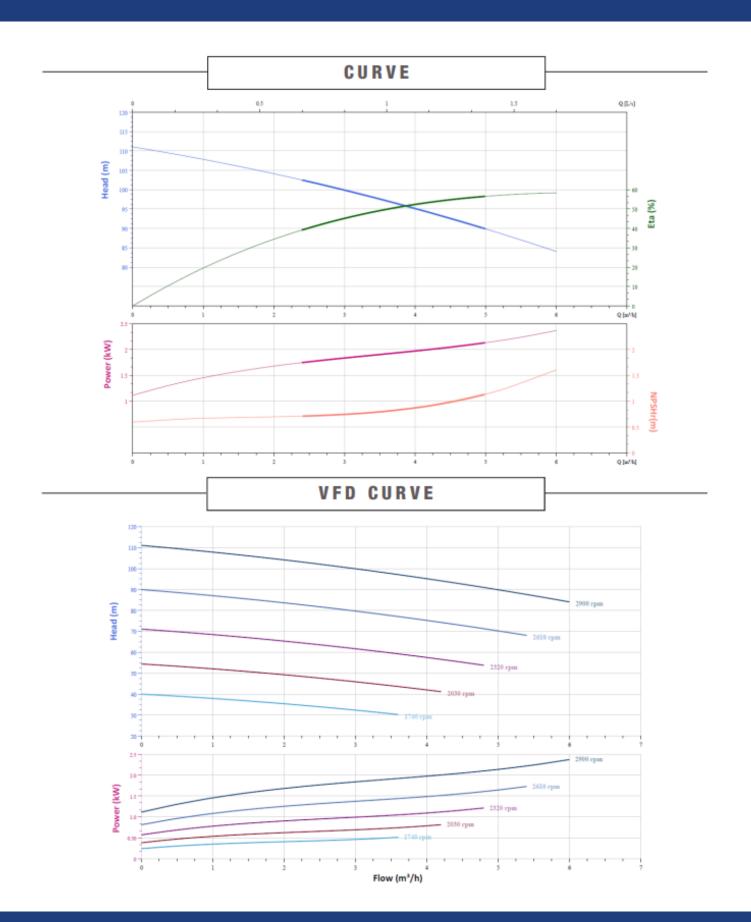
DIMENSIONS







SUMMIT SERIES VERTICAL MULTI-STAGE DRIVE KITS BIA-3VMS5/10M-DRIVE – 812439

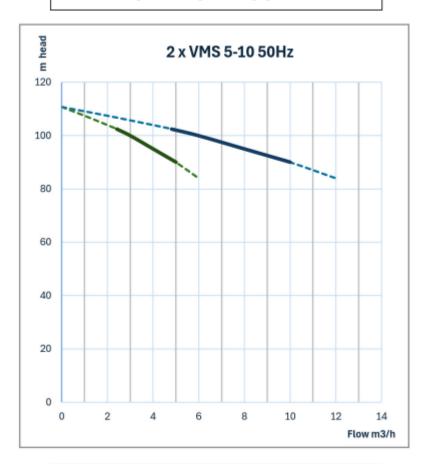




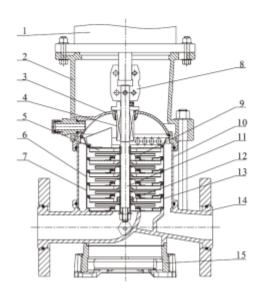


SUMMIT SERIES VERTICAL MULTI-STAGE DRIVE KITS BIA-3VMS5/10M-DRIVE – 812439

DUAL PUMP CURVE



CUTAWAY AND MATERIALS

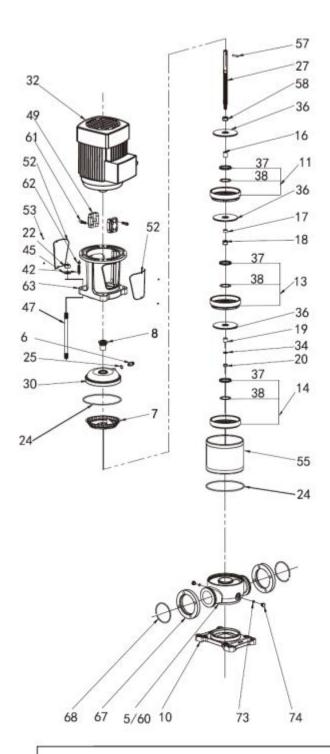


1 Motor / 2 Bracket Ductile Cast Iron 3 Seal Base Stainless / Ductile Cast Iron 4 Mechanical Seal AS-L-16 5 Top Diffuser Stainless Steel
3 Seal Base Stainless / Ductile Cast Iron 4 Mechanical Seal AS-L-16 5 Top Diffuser Stainless Steel
4 Mechanical Seal AS-L-16 5 Top Diffuser Stainless Steel
5 Top Diffuser Stainless Steel
10,2000
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-3VMS5/10M-DRIVE - 812439



- 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







