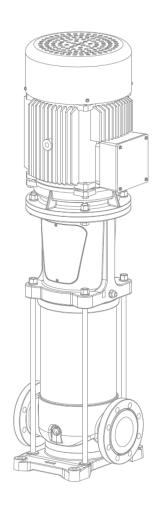


pumps

PRODUCT DATA SHEET

SUMMIT SERIES VERTICAL MULTISTAGE PUMPS
BIA NXT VMS 3/18T • 811920



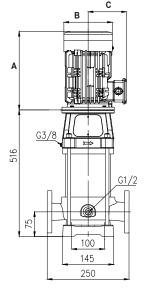
TECHNICAL DATA

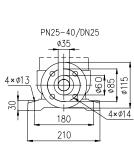
RATED FLOW [M3/H]	2m3/hr
MAX FLOW	3.5m3/hr
MAX HEAD	159.2M
OPTIMUM OPERATING RANGE	1.2m3/hr @ 149.2m 31.4% eff
	2.5m3/hr @ 128.3m 45.9% eff
WORKING AIR TEMP	0°C - 40°C
LIQUID TEMPERATURE	-15°C - 120°C
HIGHEST EFFICIANCY	51.5%
MAXIMUM PUMP PRESSURE	33 bar
NET WEIGHT (KG)	41.6kg

RATED VOLTAGE/CURRENT	Three phase 415V +10% - 6%
RATED CURRENT	4.41 amps
POWER (KW)	2.2kW 2 pole
CAPACITOR	
MOTOR IP RATING	IP55
MOTOR INSULATION	Class F
MOTOR EFFICIENCY STD	I.E.3
MOTOR EFFICIENCY	85.9%
cos Ø	0.85
MECHANICAL SEAL	AS-L-12
OUTLET DIN FLANGE	DN25

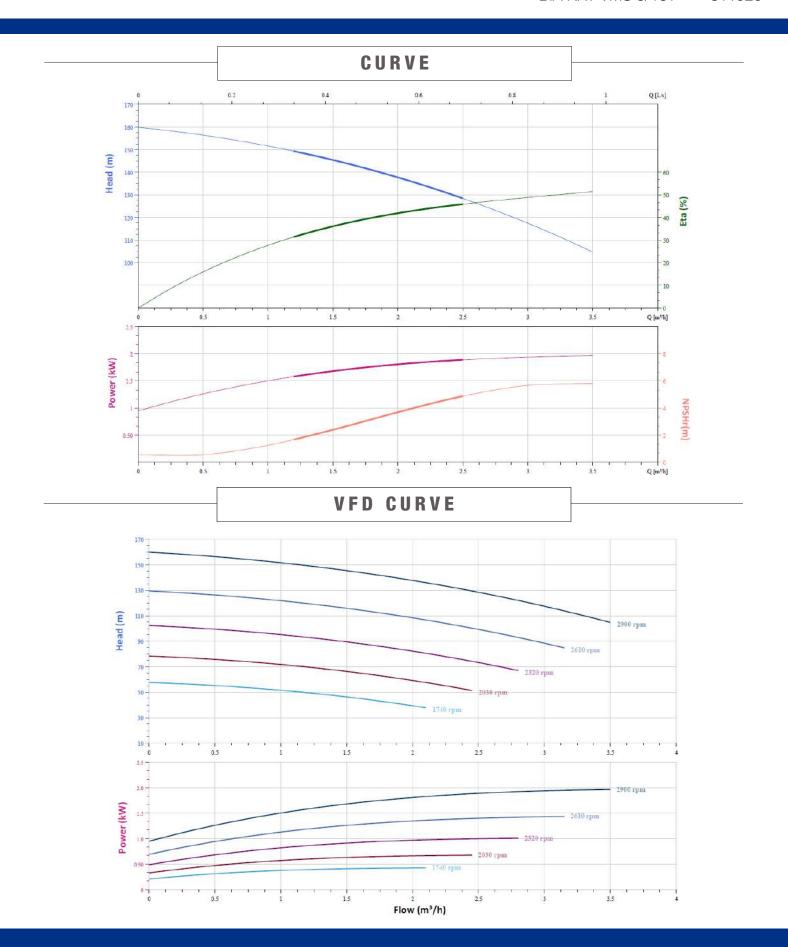
DIMENSIONS

HEIGHT A	322
DIAMETER B	166
RADIUS C	135



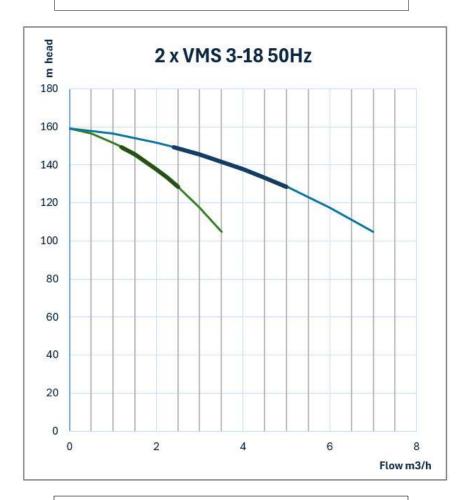




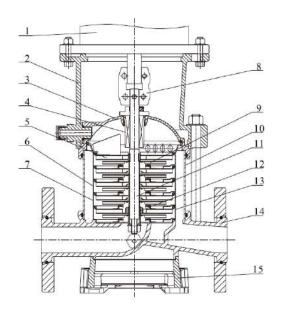




DUAL PUMP CURVE

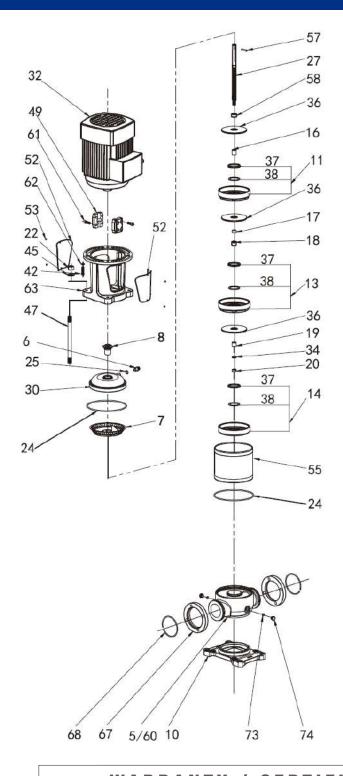


CUTAWAY AND MATERIALS



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
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





- 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







