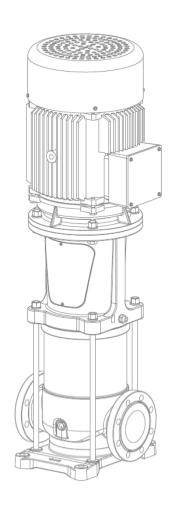


pumps

PRODUCT DATA SHEET

SUMMIT SERIES VERTICAL MULTISTAGE PUMPS
BIA NXT VMS 3/8M • 811911



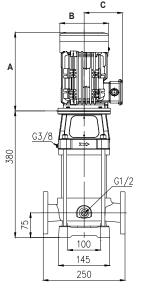
TECHNICAL DATA

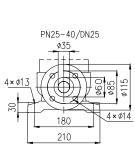
RATED FLOW [M3/H]	2m3/hr
MAX FLOW	3.5m3/hr
MAX HEAD	85.3M
ODTINALINA ODERATINO DANIOE	1.2m3/hr @ 79.9m 31.7% eff
OPTIMUM OPERATING RANGE	2.5m3/hr @ 68.9m 46.2% eff
WORKING AIR TEMP	0°C - 40°C
LIQUID TEMPERATURE	-15°C - 120°C
HIGHEST EFFICIANCY	51.1%
MAXIMUM PUMP PRESSURE	33 bar
NET WEIGHT (KG)	25kg

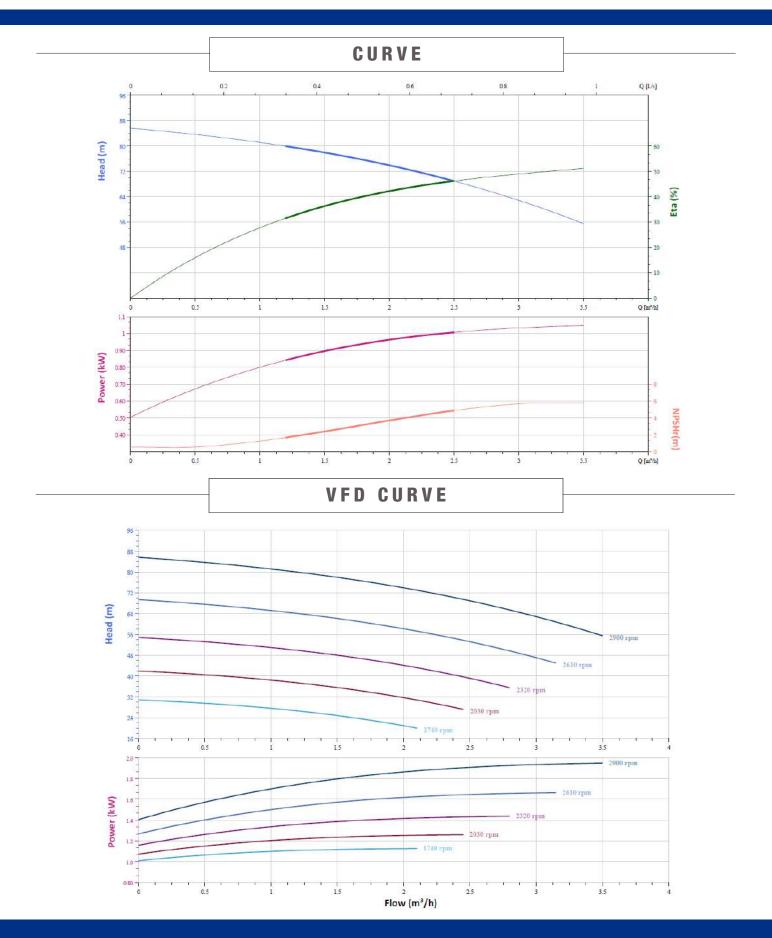
RATED VOLTAGE/CURRENT	Single phase 230V +10% - 6%	
RATED CURRENT	3.99 amps	
POWER (KW)	1.1kW 2 pole	
CAPACITOR	25uF	
MOTOR IP RATING	IP55	
MOTOR INSULATION	Class F	
MOTOR EFFICIENCY STD	I.E.3	
MOTOR EFFICIENCY	82.7%	
cos Ø	0.83	
MECHANICAL SEAL	AS-L-12	
OUTLET DIN FLANGE	DN25	

DIMENSIONS

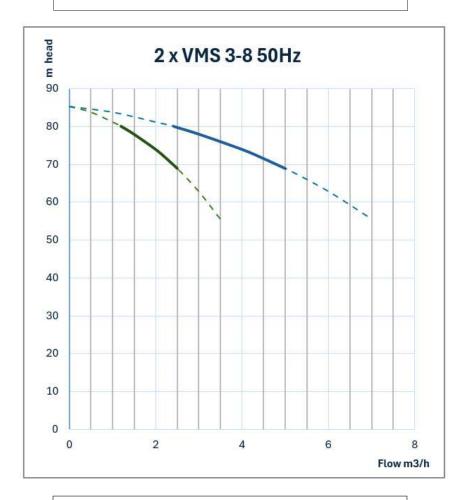
HEIGHT A	271
DIAMETER B	154
RADIUS C	124



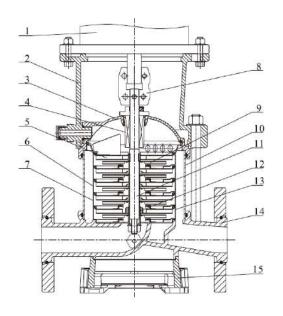




DUAL PUMP CURVE

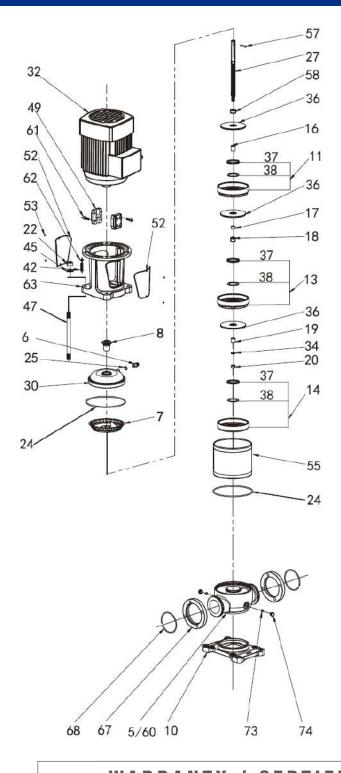


CUTAWAY AND MATERIALS



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
- 57 Shart 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







