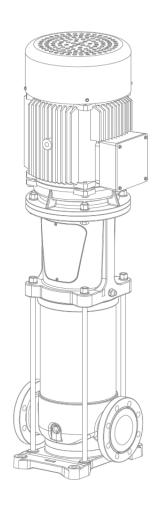


pumps

PRODUCT DATA SHEET

SUMMIT SERIES VERTICAL MULTISTAGE PUMPS
BIA NXT VMS 10/6T • 811924



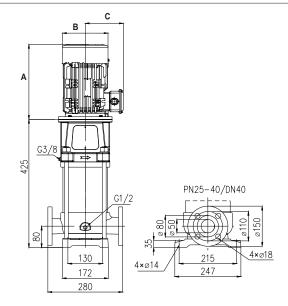
TECHNICAL DATA

RATED FLOW [M3/H]	8m3/hr	
MAX FLOW	12m3/hr	
MAX HEAD	65M	
OPTIMUM OPERATING RANGE	4.8m3/hr @ 60.3m 44.8% eff	
OPTIMUM OPERATING RANGE	10m3/hr @ 50.8m 61.1% eff	
WORKING AIR TEMP	0°C - 40°C	
LIQUID TEMPERATURE	-15°C - 120°C	
HIGHEST EFFICIANCY	64.4%	
MAXIMUM PUMP PRESSURE	33 bar	
NET WEIGHT (KG)	38.3kg	

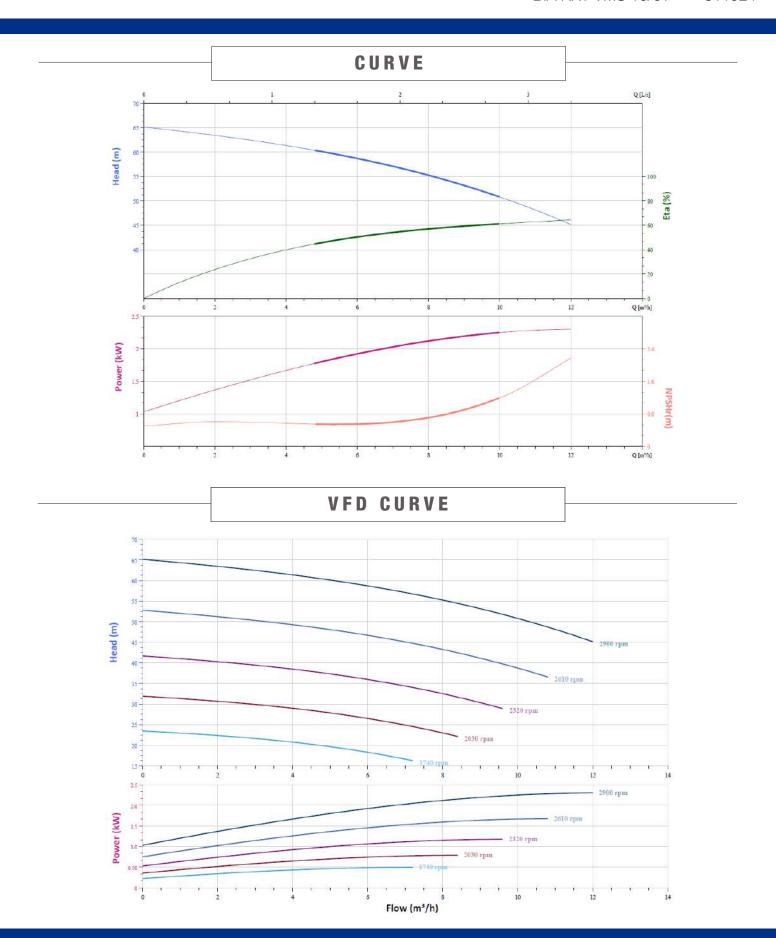
RATED VOLTAGE/CURRENT	Three phase 415V +10% - 6%
RATED CURRENT	4.41 amps
POWER (KW)	2.2kW 2 pole
MOTOR IP RATING	IP55
MOTOR INSULATION	Class F
MOTOR EFFICIENCY STD	I.E.3
MOTOR EFFICIENCY	85.9%
cos Ø	0.85
MECHANICAL SEAL	AS-L-12
OUTLET DIN FLANGE	DN40

DIMENSIONS

HEIGHT A	272
DIAMETER B	166
RADIUS C	135

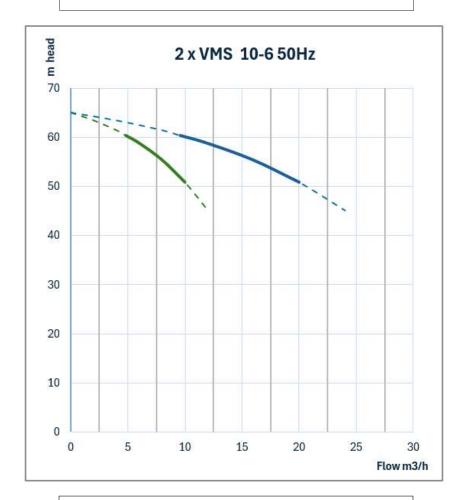




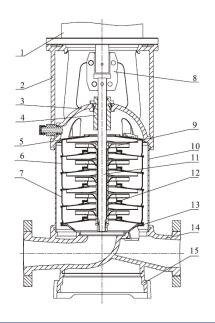




DUAL PUMP CURVE

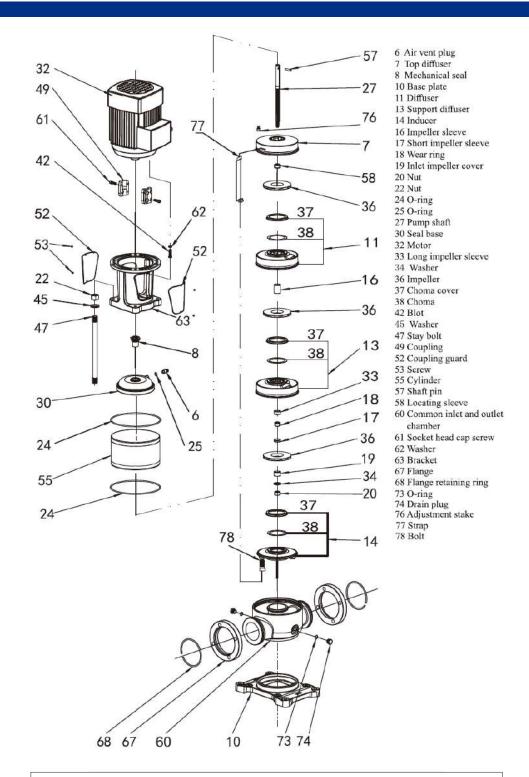


CUTAWAY AND MATERIALS



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





WARRANTY / CERTIFICATIONS







