

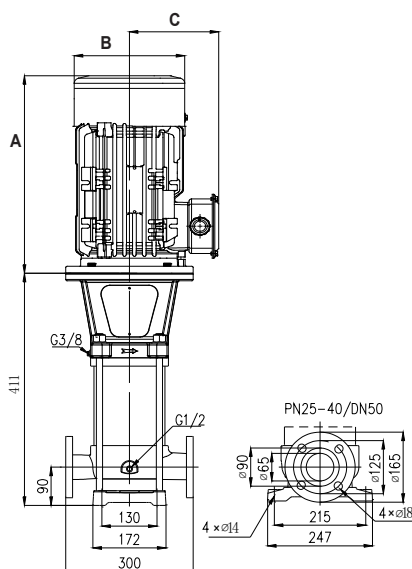
TECHNICAL DATA

RATED FLOW [M3/H]	16 m3/hr
MAX FLOW	22.0 m3/hr
MAX HEAD	36.6m
OPTIMUM OPERATING RANGE	9.6m3/hr @ 33.8m 65.0% eff
	20.0m3/hr @ 30.0m 59.0% eff
WORKING AIR TEMP	0°C - 40°C
LIQUID TEMPERATURE	-15°C - 120°C
HIGHEST EFFICIENCY	65%
MAXIMUM PUMP PRESSURE	33 bar
NET WEIGHT (KG)	61 kg

RATED VOLTAGE/CURRENT	3~ 415V +10% - 6% 6.1A
	3~ 230V +10% - 6% 10.5A
POWER (KW)	3.0kW 2 pole
MOTOR IP RATING	IP55
MOTOR INSULATION	Class F
MOTOR EFFICIENCY STD	I.E.3
MOTOR EFFICIENCY	87.1%
COS Ø	0.87
MECHANICAL SEAL	AS-L-16
OUTLET DIN FLANGE	DN50

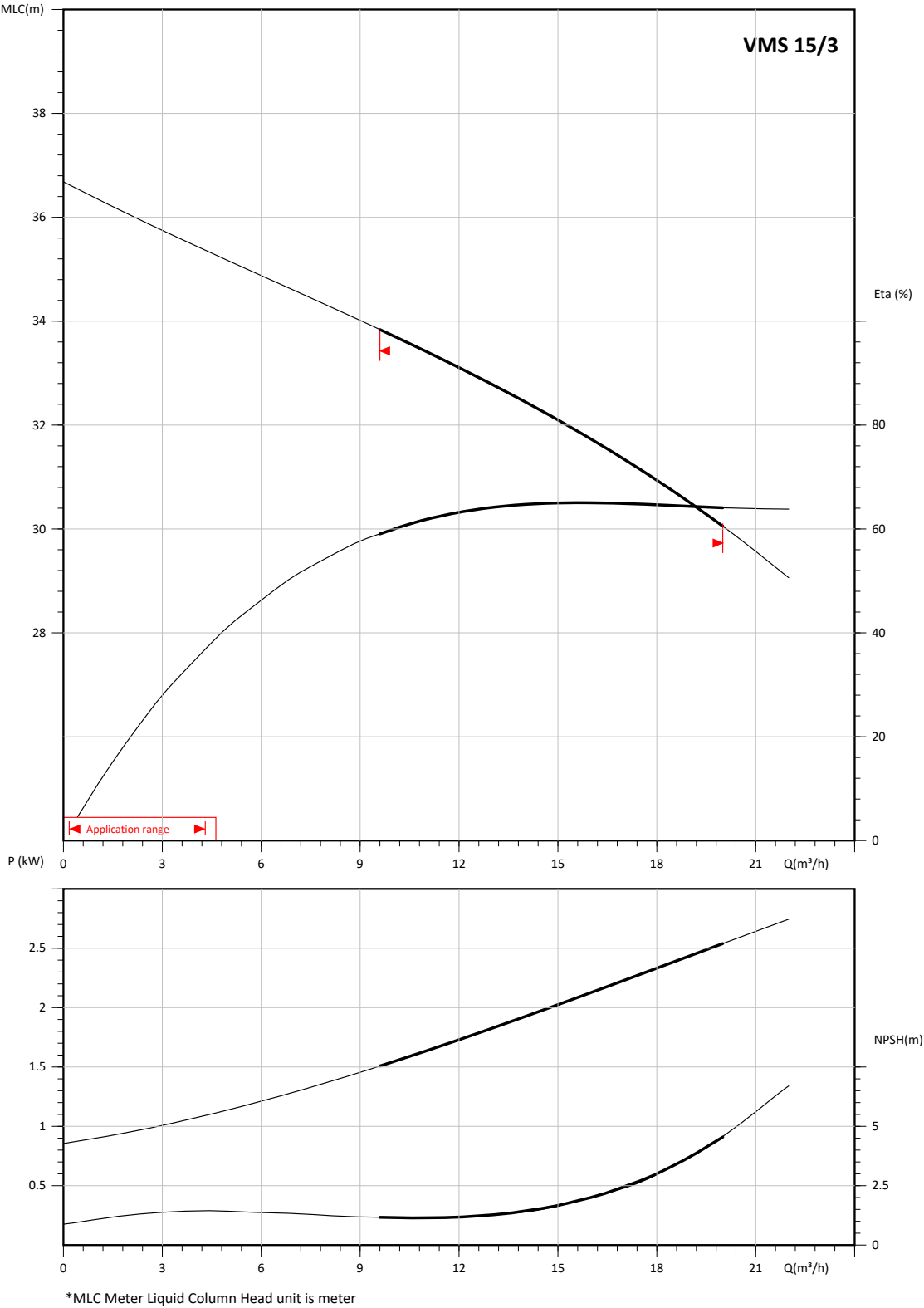
DIMENSIONS

HEIGHT A	399
DIAMETER B	193
RADIUS C	147

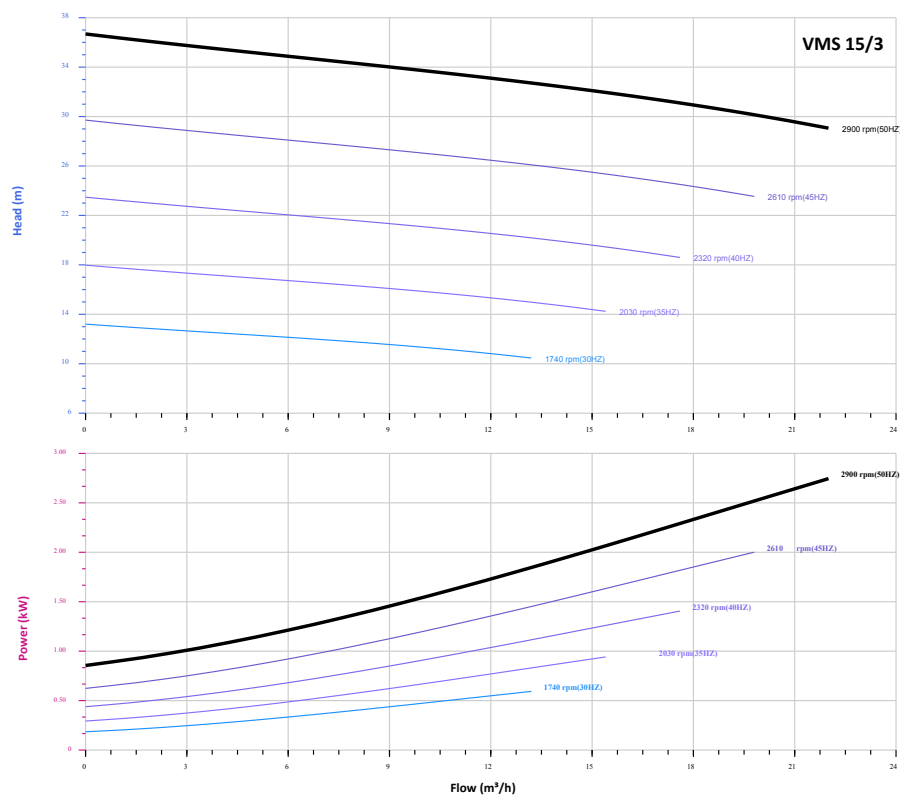


HYDRAULIC CURVE

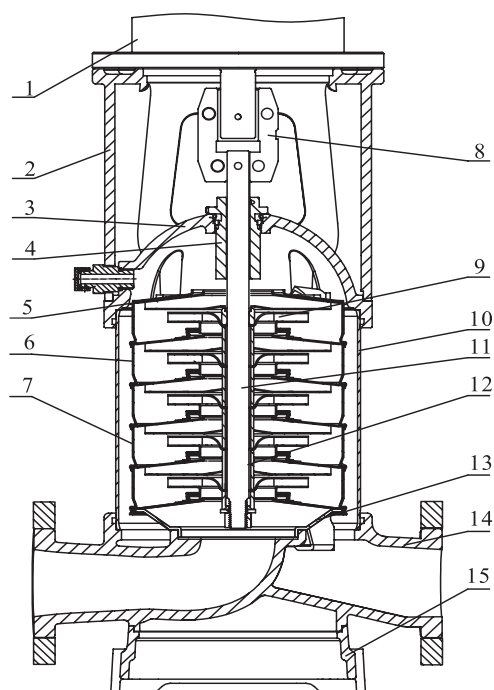
The hydraulic performance curve have been tested with water at 20°C, density 1000kg/m³, and at 1bar atmospheric pressure.
GB/T 32162016 Grade 3B



VFD CURVE



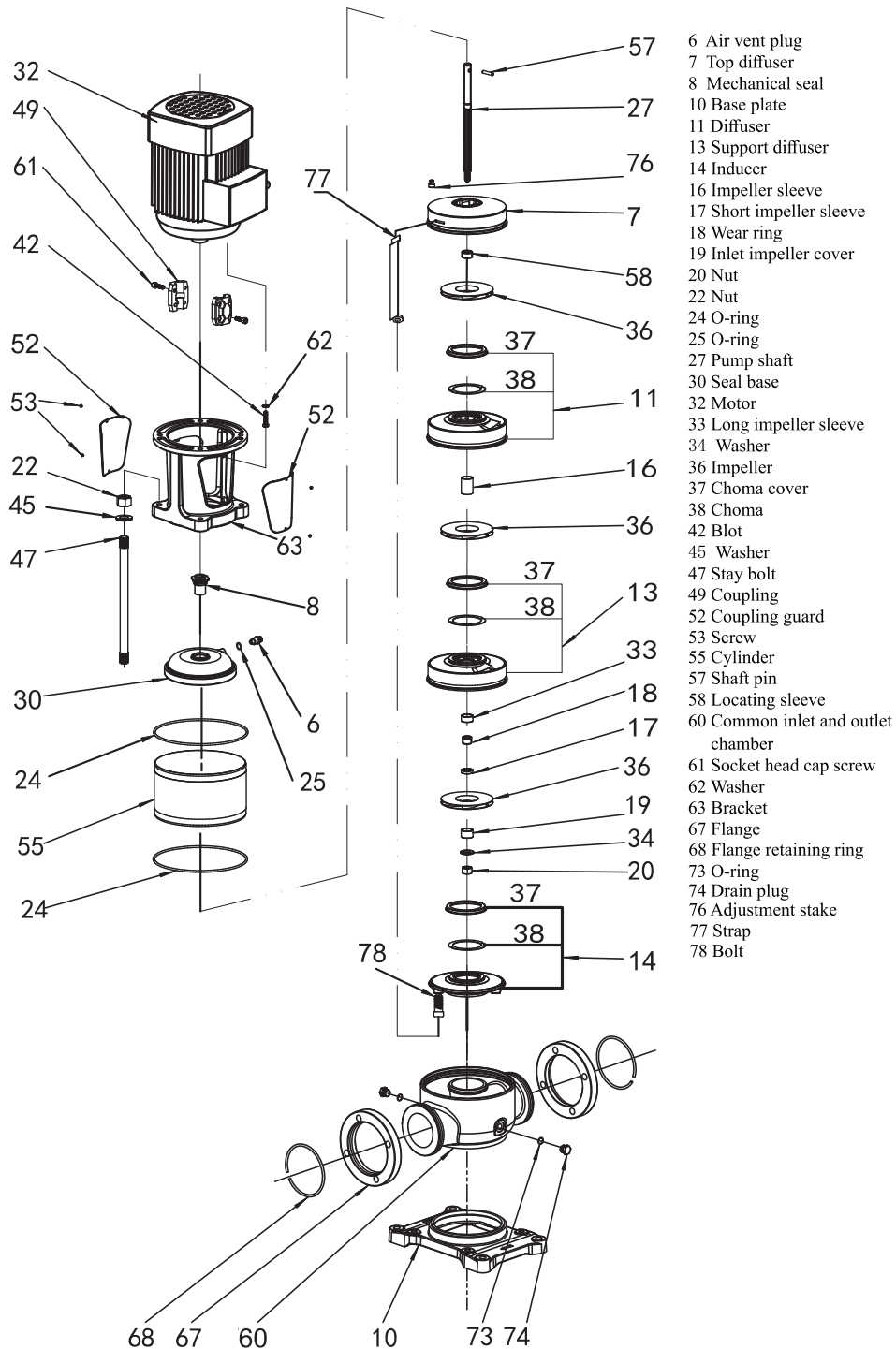
CUTAWAY



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 MULTISTAGE PUMP

BIA NXT VMS 15/3T • 813017



WARRANTY / CERTIFICATIONS

