

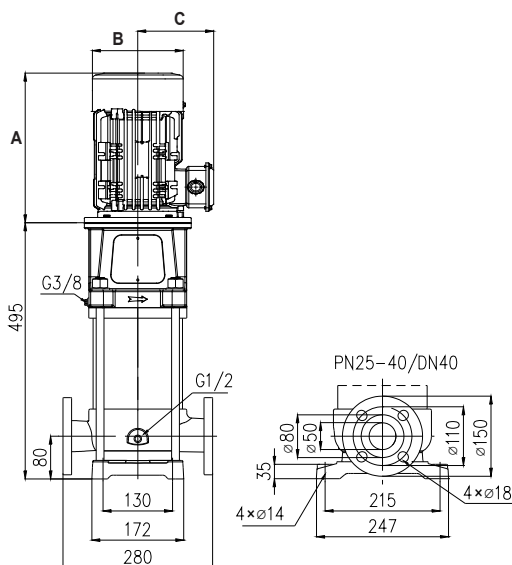
TECHNICAL DATA

RATED FLOW [M3/H]	8m3/hr
MAX FLOW	12m3/hr
MAX HEAD	86.9M
OPTIMUM OPERATING RANGE	4.8m3/hr @ 80.3m 45.4% eff
	10m3/hr @ 66.9m 62.1% eff
WORKING AIR TEMP	0°C - 40°C
LIQUID TEMPERATURE	-15°C - 120°C
HIGHEST EFFICIENCY	63.6%
MAXIMUM PUMP PRESSURE	33 bar
NET WEIGHT (KG)	46.1kg

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	DN40

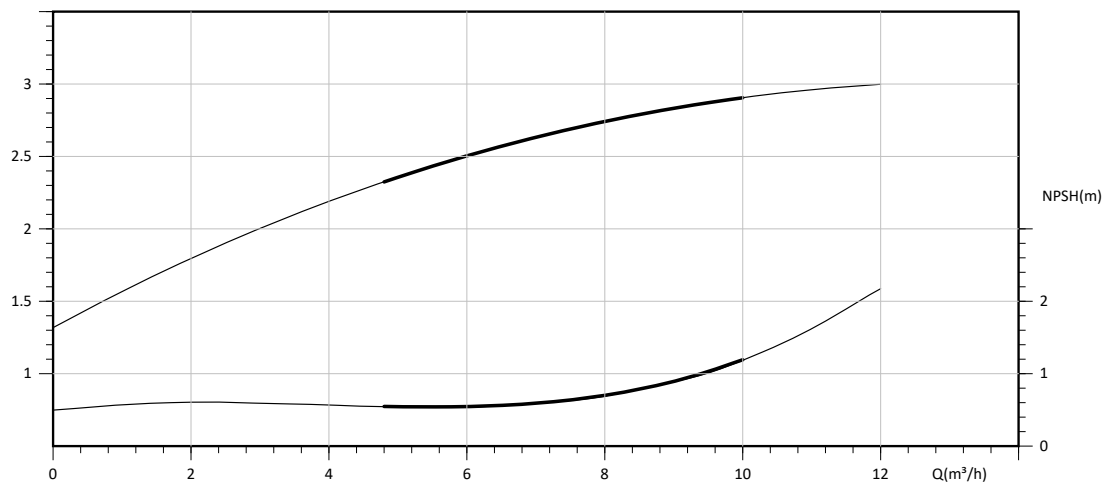
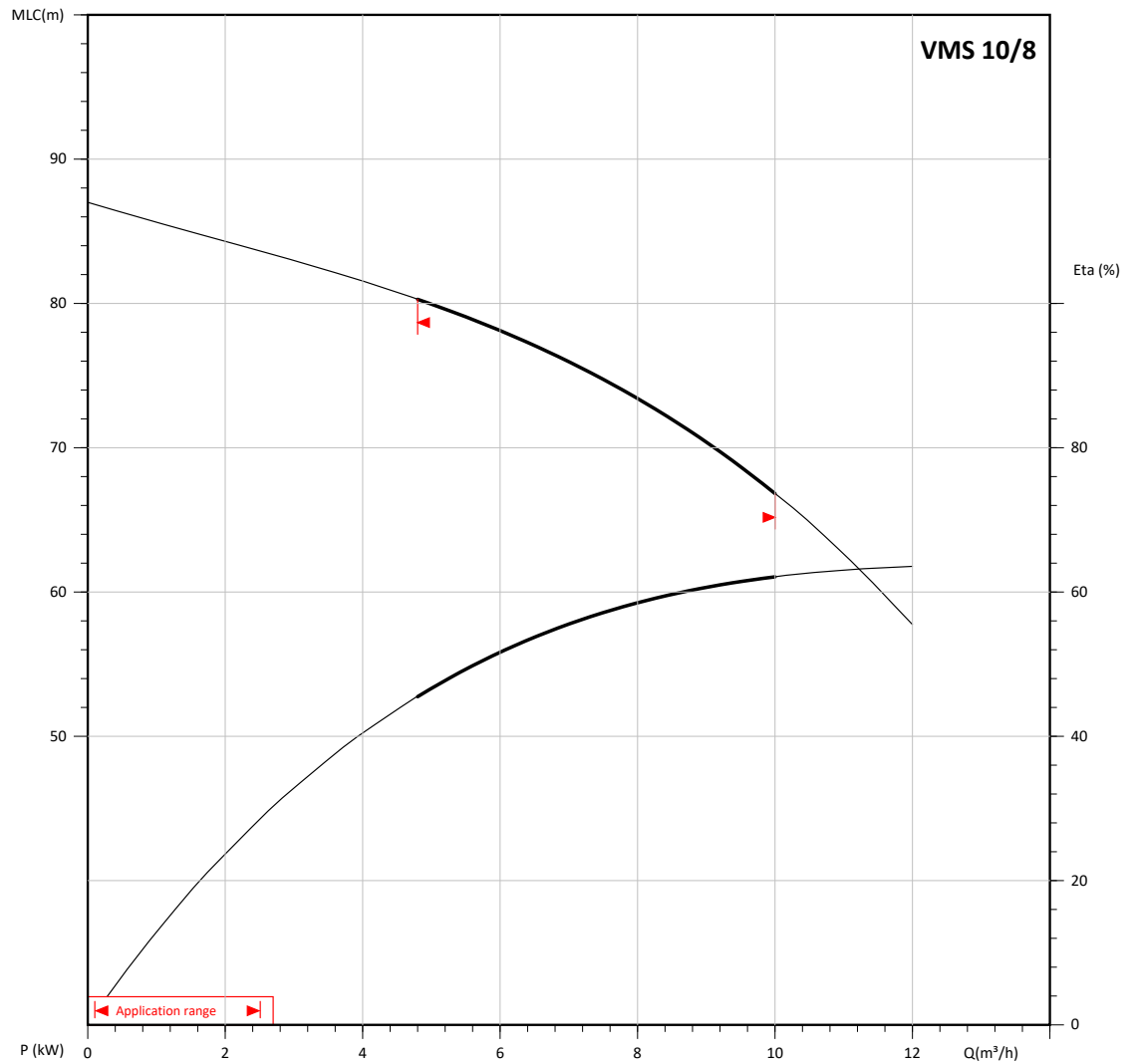
DIMENSIONS

HEIGHT A	339
DIAMETER B	193
RADIUS C	147



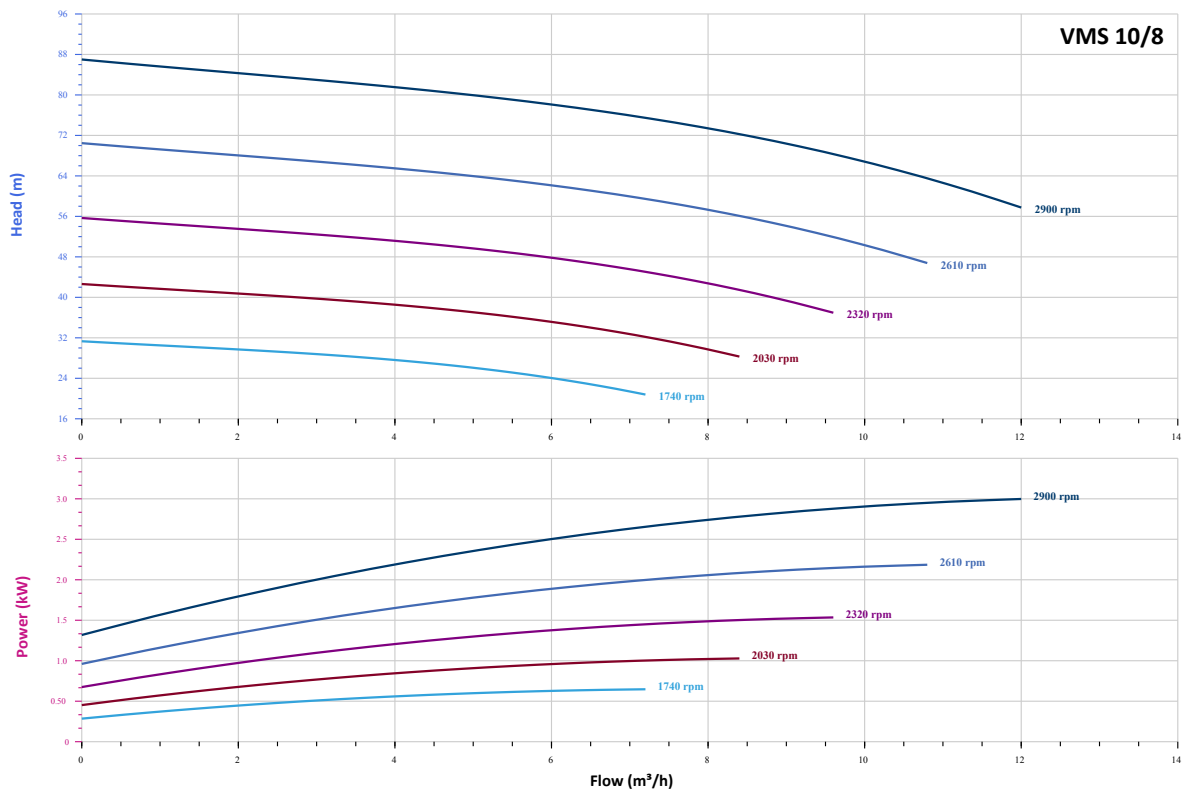
HYDRAULIC CURVE

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

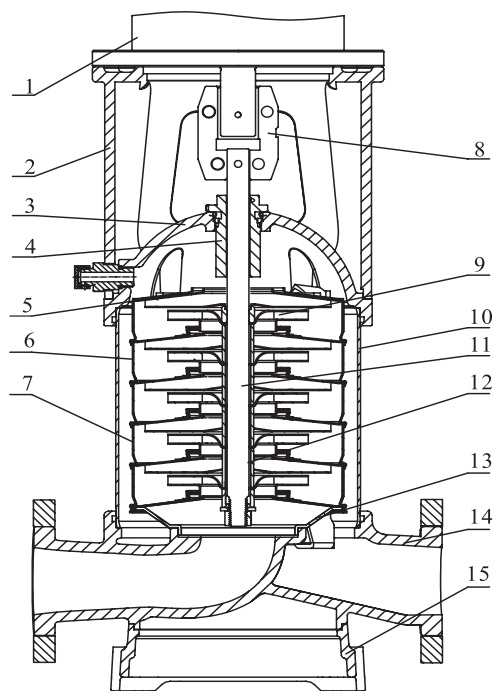


*MLC Meter Liquid Column Head unit is meter

VFD CURVE



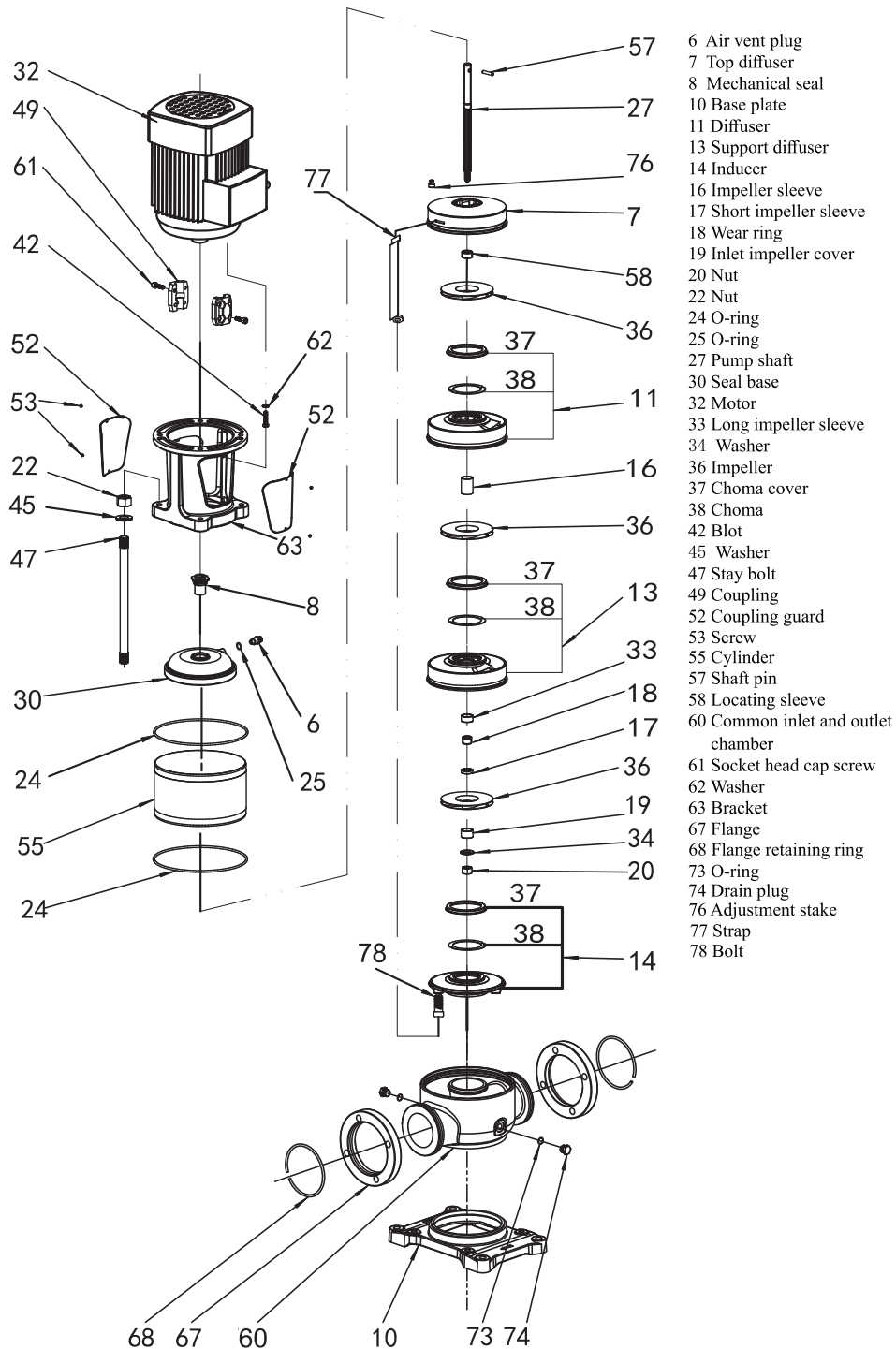
CUTAWAY



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 10/8T • 811925



WARRANTY / CERTIFICATIONS

