

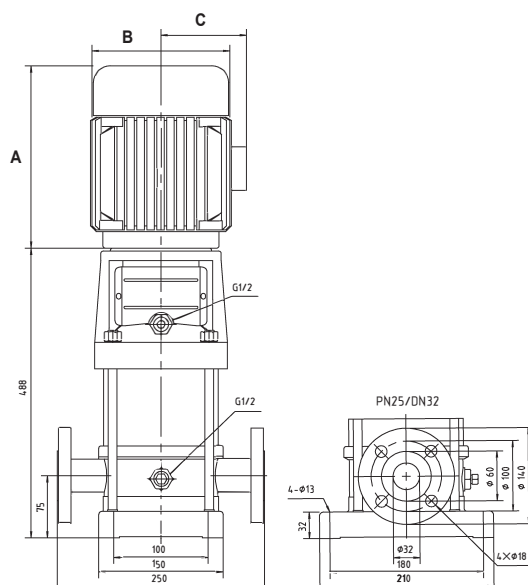
TECHNICAL DATA

RATED FLOW [M3/H]	5m3/hr
MAX FLOW	8.49m3/hr
MAX HEAD	80.9m
OPTIMUM OPERATING RANGE	6.24m3/hr @ 66.6m 67% eff
	3.0m3/hr @ 77.3m 48% eff
WORKING AIR TEMP	0°C - 40°C
LIQUID TEMPERATURE	-15°C - 120°C
HIGHEST EFFICIENCY	69%
MAXIMUM PUMP PRESSURE	33 bar
NET WEIGHT (KG)	49 kg

RATED VOLTAGE/CURRENT	3~ 415V +10% - 6% 3.3A
	3~ 230V +10% - 6% 5.6A
POWER (KW)	1.5kW 2 pole
MOTOR IP RATING	IP55
MOTOR INSULATION	Class F
MOTOR EFFICIENCY STD	I.E.3
MOTOR EFFICIENCY	84.2%
COS Ø	0.84
MECHANICAL SEAL	AS-L-12
OUTLET DIN FLANGE	DN32

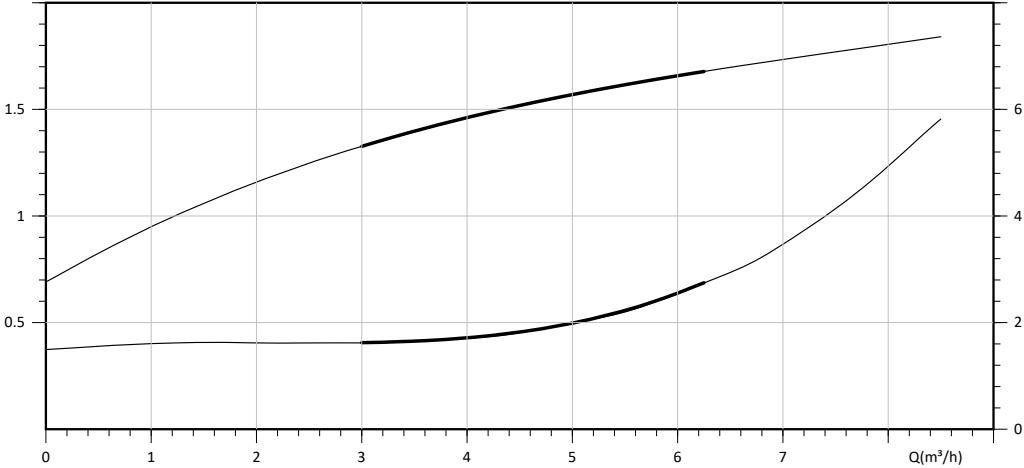
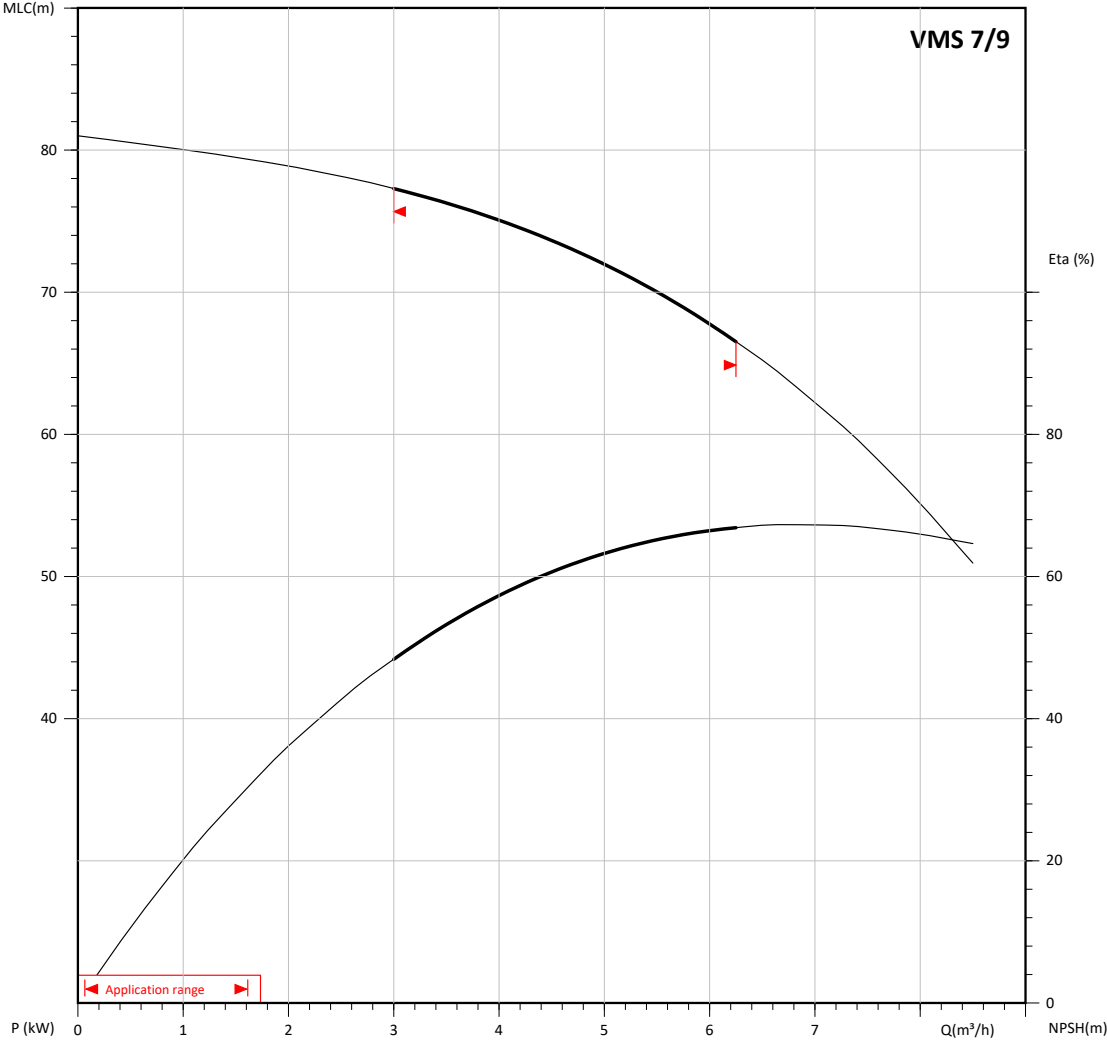
DIMENSIONS

HEIGHT A	272
DIAMETER B	166
RADIUS C	135



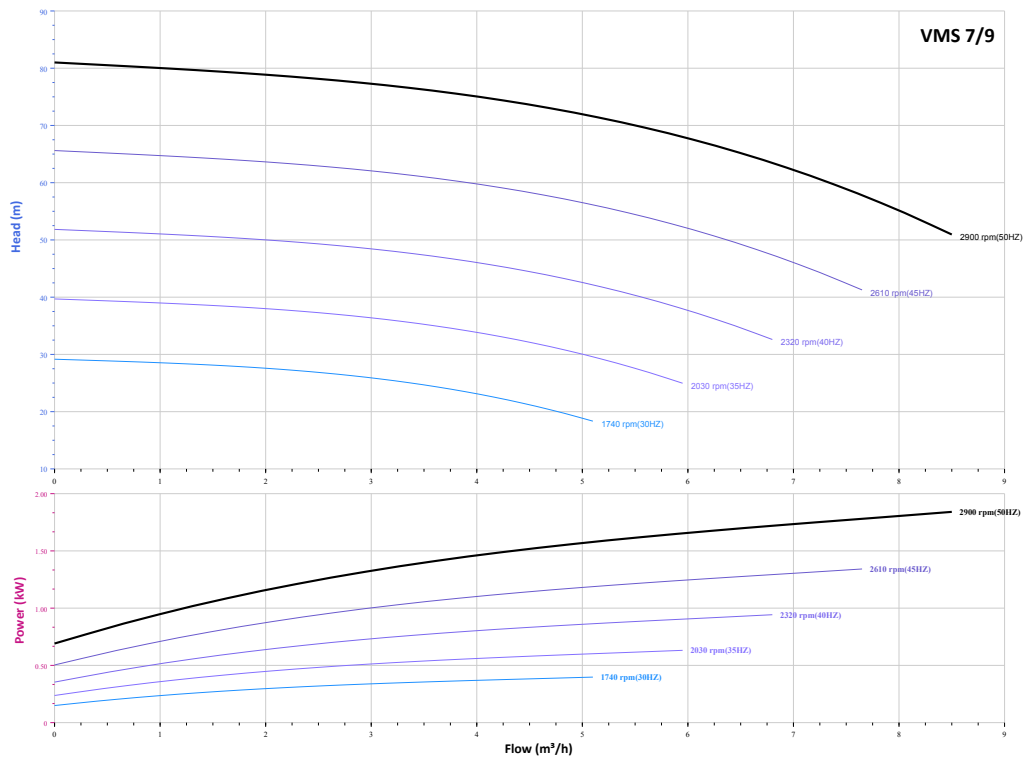
HYDRAULIC CURVE

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

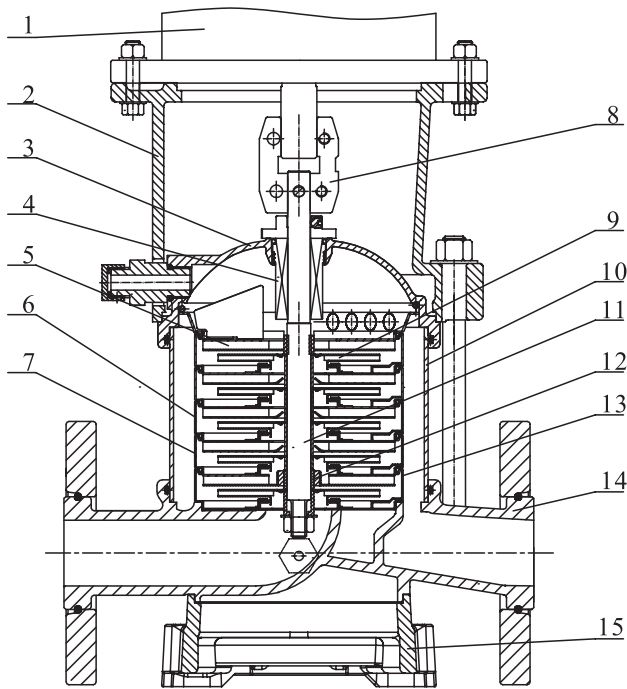


*MLC Meter Liquid Column Head unit is meter

VFD CURVE



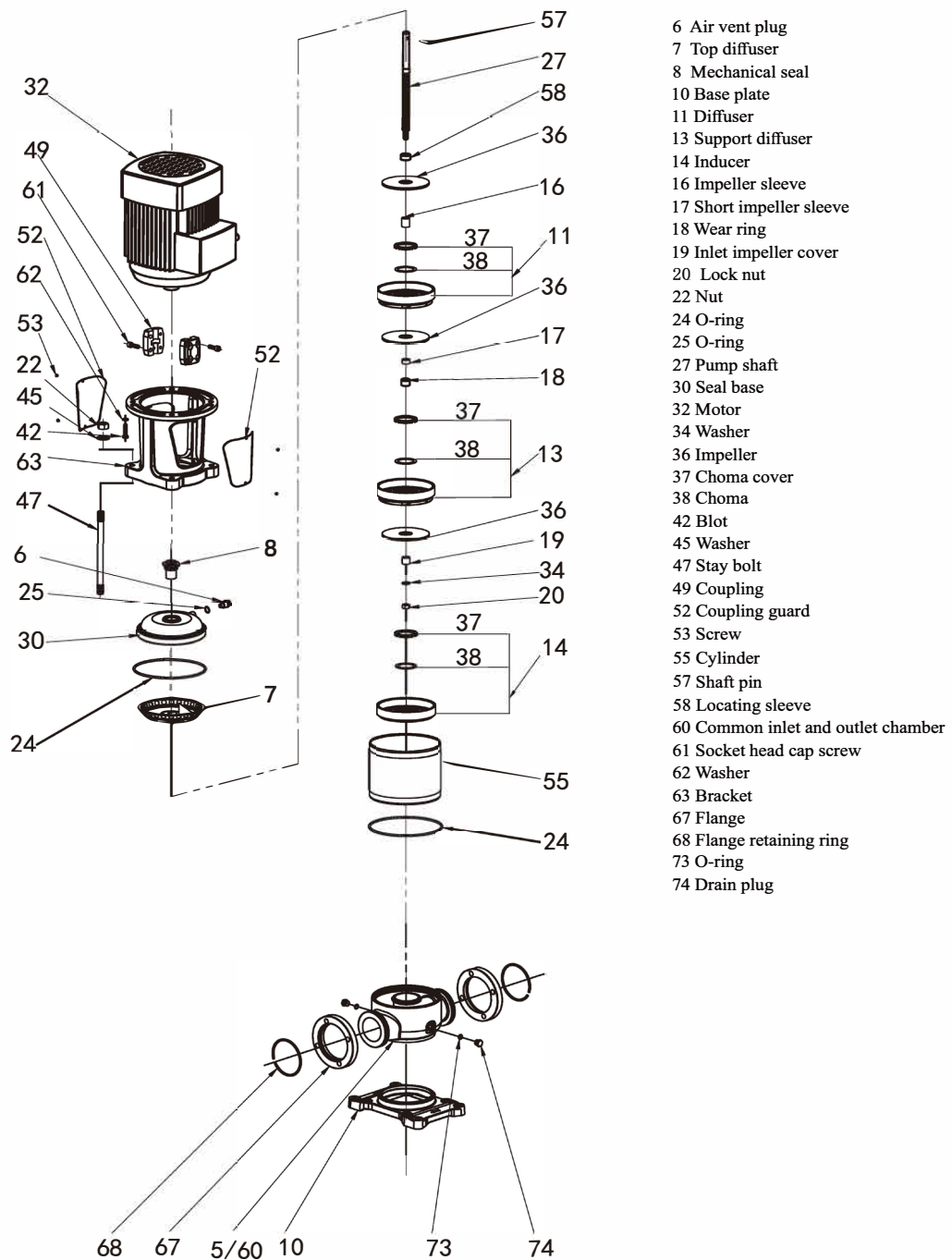
CUTAWAY



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 7/9T • 813013



WARRANTY / CERTIFICATIONS

