

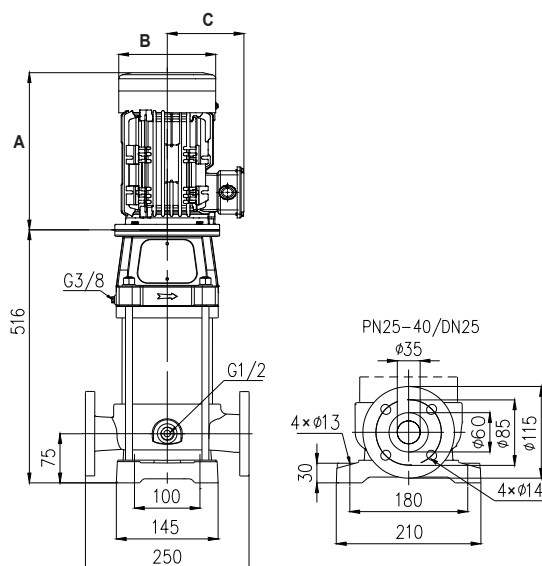
TECHNICAL DATA

RATED FLOW [M3/H]	2m3/hr
MAX FLOW	3.5m3/hr
MAX HEAD	159.2M
OPTIMUM OPERATING RANGE	1.2m3/hr @ 149.2m 31.4% eff
	2.5m3/hr @ 128.3m 45.9% eff
WORKING AIR TEMP	0°C - 40°C
LIQUID TEMPERATURE	-15°C - 120°C
HIGHEST EFFICIENCY	51.5%
MAXIMUM PUMP PRESSURE	33 bar
NET WEIGHT (KG)	41.5kg

RATED VOLTAGE/CURRENT	Single phase 230V +10% - 6%
RATED CURRENT	11.8 amps
POWER (KW)	2.2kW 2 pole
CAPACITOR	40uF
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	DN25

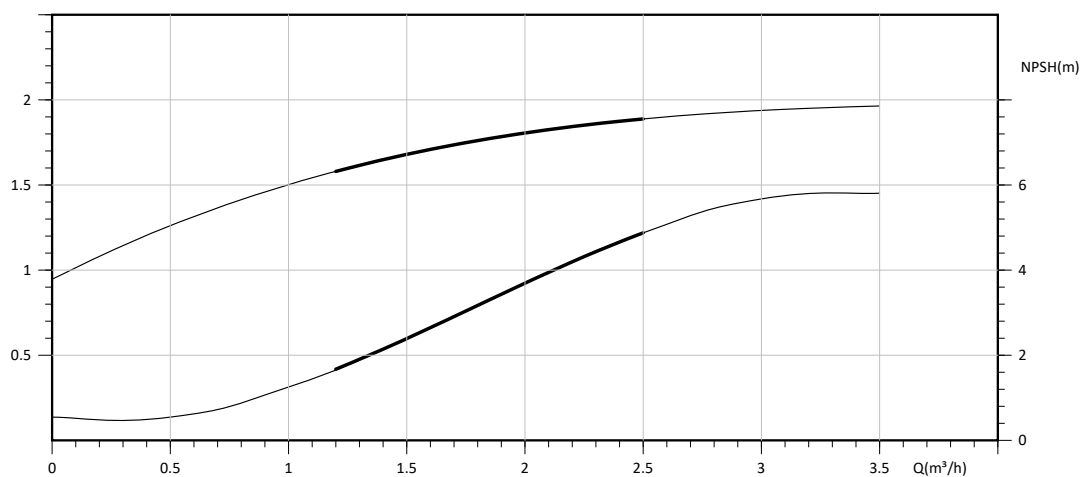
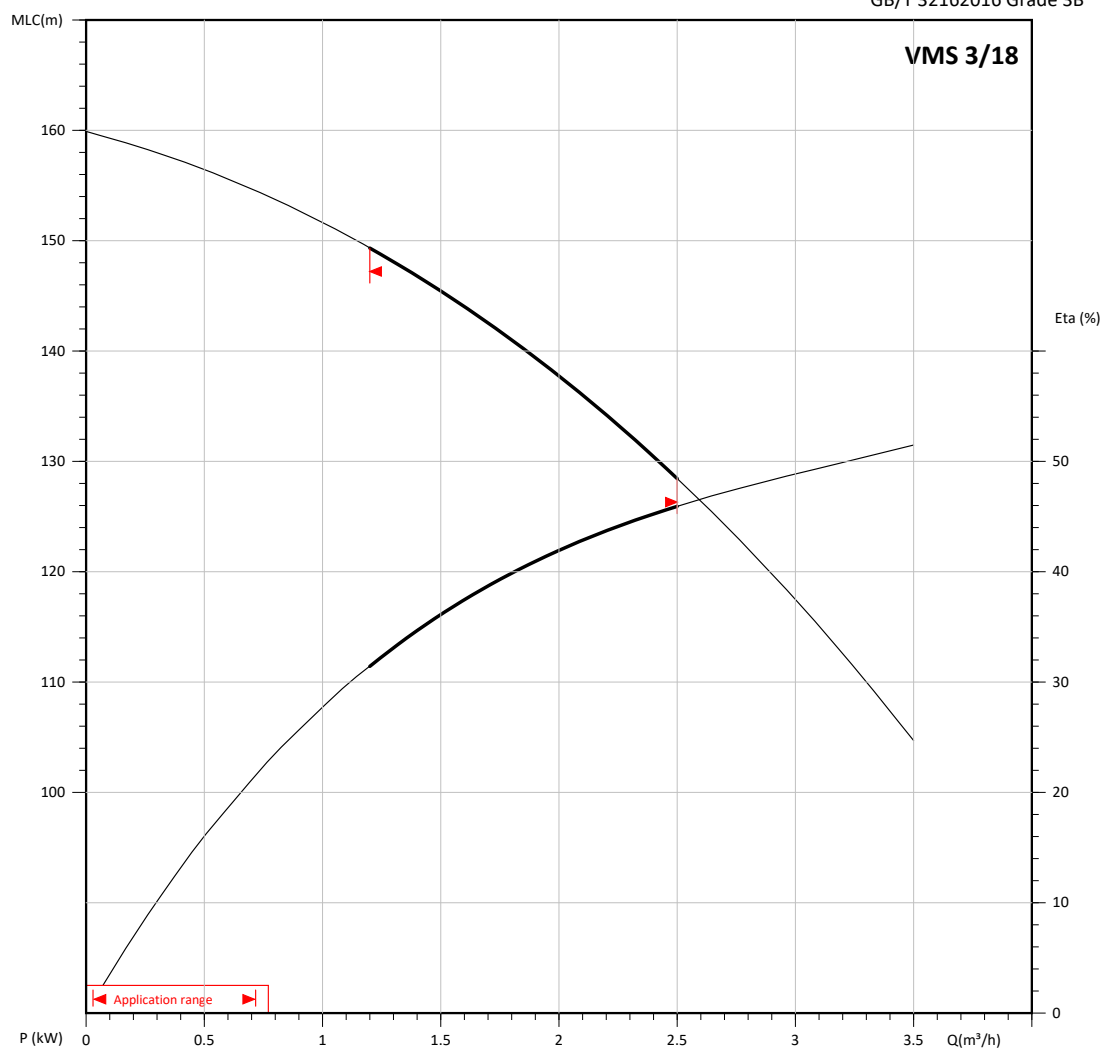
DIMENSIONS

HEIGHT A	322
DIAMETER B	166
RADIUS C	135



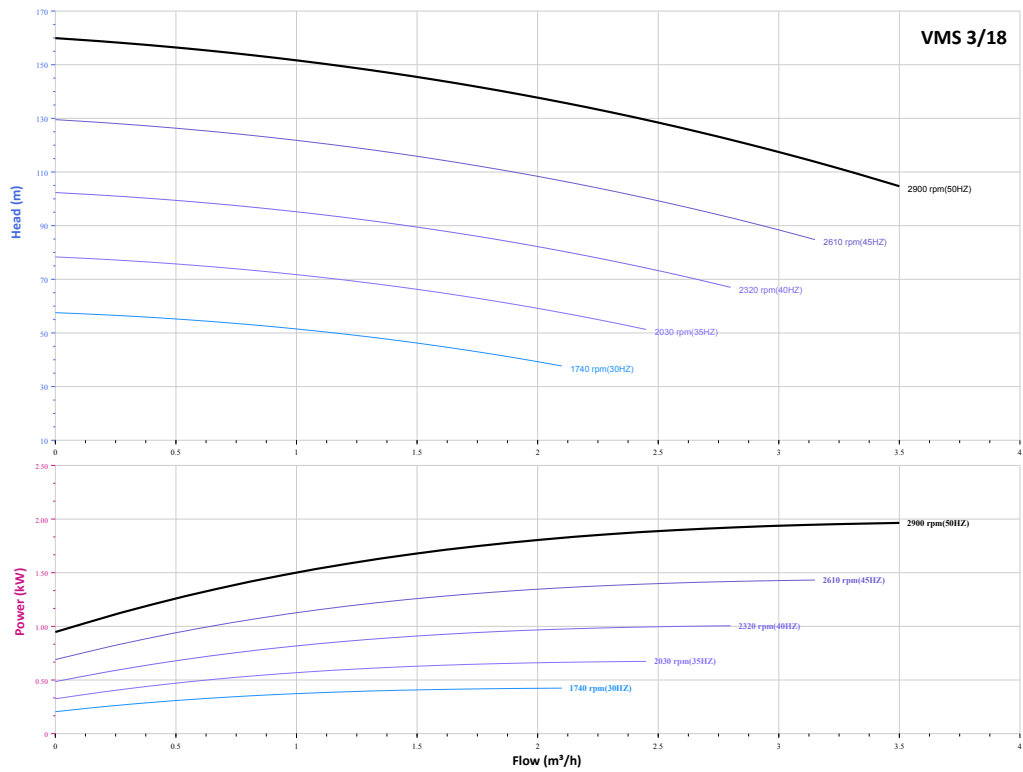
HYDRAULIC CURVE

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

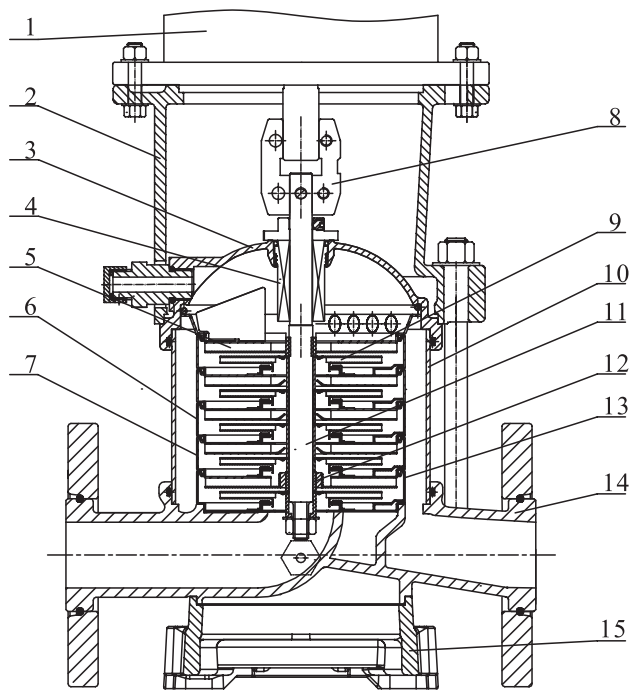


*MLC Meter Liquid Column Head unit is meter

VFD CURVE



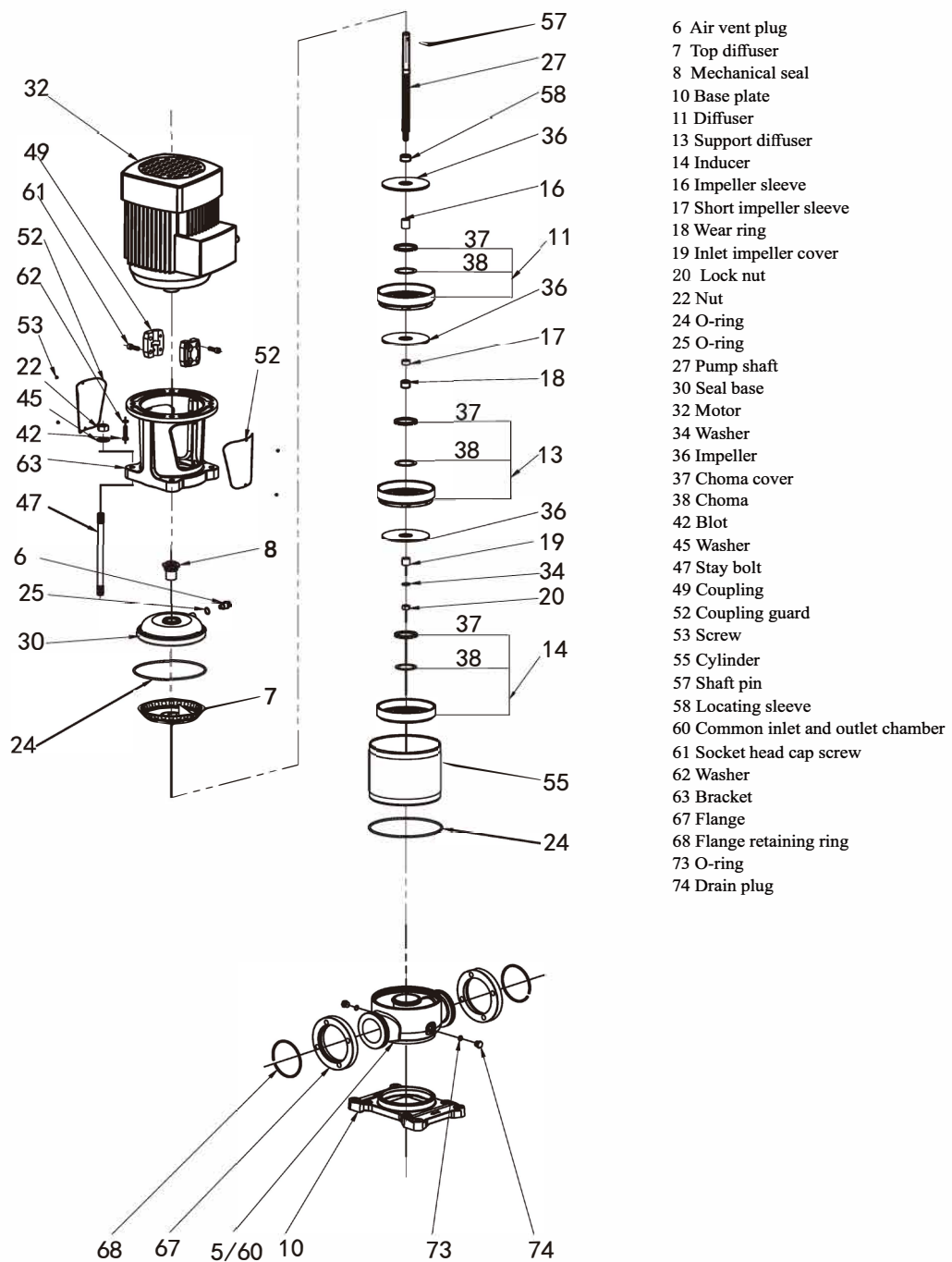
CUTAWAY



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 3/18M • 811913



WARRANTY / CERTIFICATIONS

