

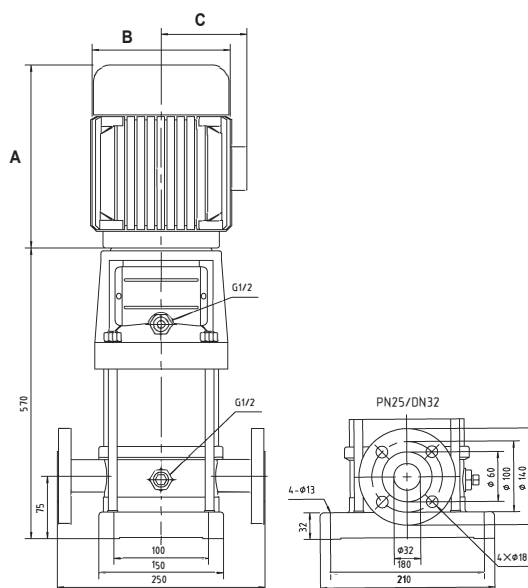
## TECHNICAL DATA

|                                |                           |
|--------------------------------|---------------------------|
| <b>RATED FLOW [M3/H]</b>       | 5m3/hr                    |
| <b>MAX FLOW</b>                | 8.5m3/hr                  |
| <b>MAX HEAD</b>                | 107.7                     |
| <b>OPTIMUM OPERATING RANGE</b> | 6.24m3/hr @ 89.2m 68% eff |
|                                | 3.0m3/hr @ 103.2m 48% eff |
| <b>WORKING AIR TEMP</b>        | 0°C - 40°C                |
| <b>LIQUID TEMPERATURE</b>      | -15°C - 120°C             |
| <b>HIGHEST EFFICIENCY</b>      | 69%                       |
| <b>MAXIMUM PUMP PRESSURE</b>   | 33 bar                    |
| <b>NET WEIGHT (KG)</b>         | 49 kg                     |

|                       |                        |
|-----------------------|------------------------|
| RATED VOLTAGE/CURRENT | 3~ 415V +10% - 6% 4.6A |
|                       | 3~ 230V +10% - 6% 8.0A |
| POWER (KW)            | 2.2kW 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                   |

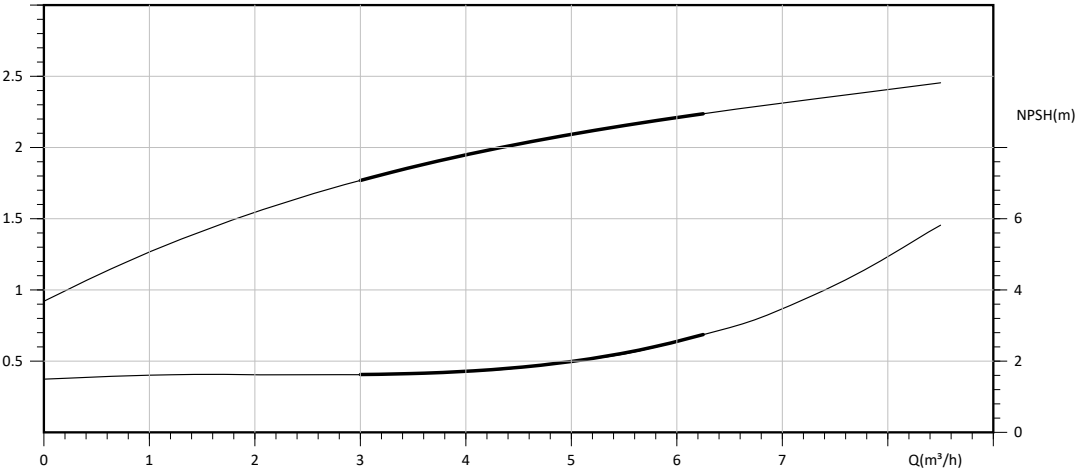
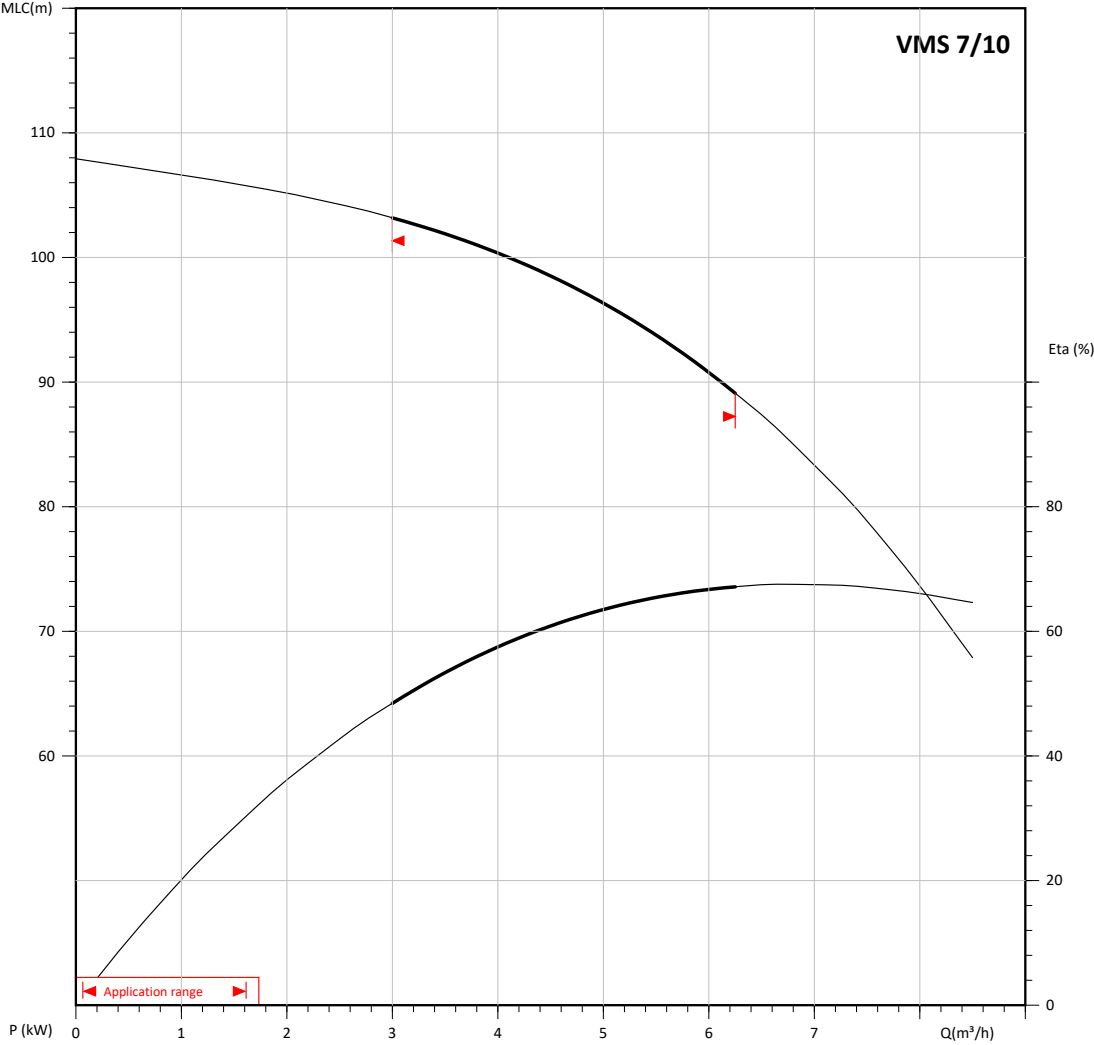
## DIMENSIONS

|            |     |
|------------|-----|
| HEIGHT A   | 322 |
| DIAMETER B | 166 |
| RADIUS C   | 135 |



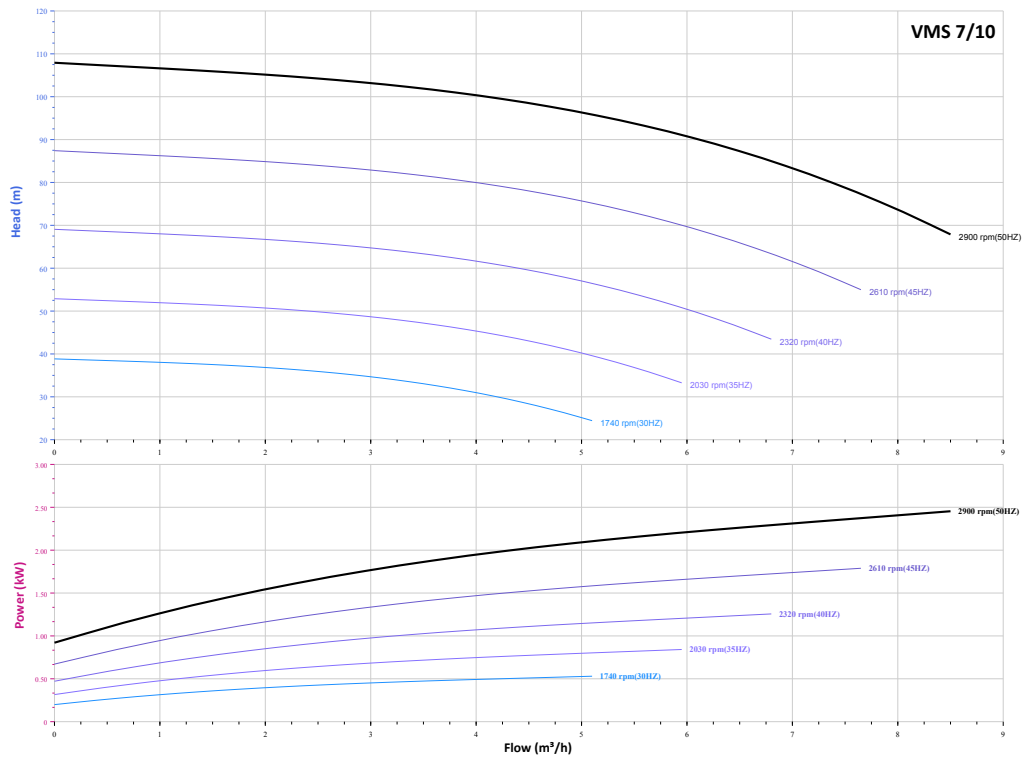
HYDRAULIC CURVE

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

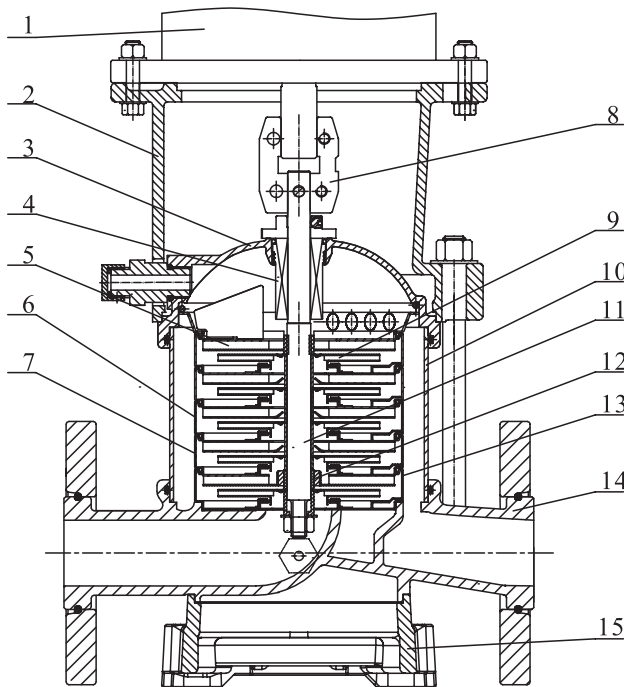


\*MLC Meter Liquid Column Head unit is meter

## VFD CURVE



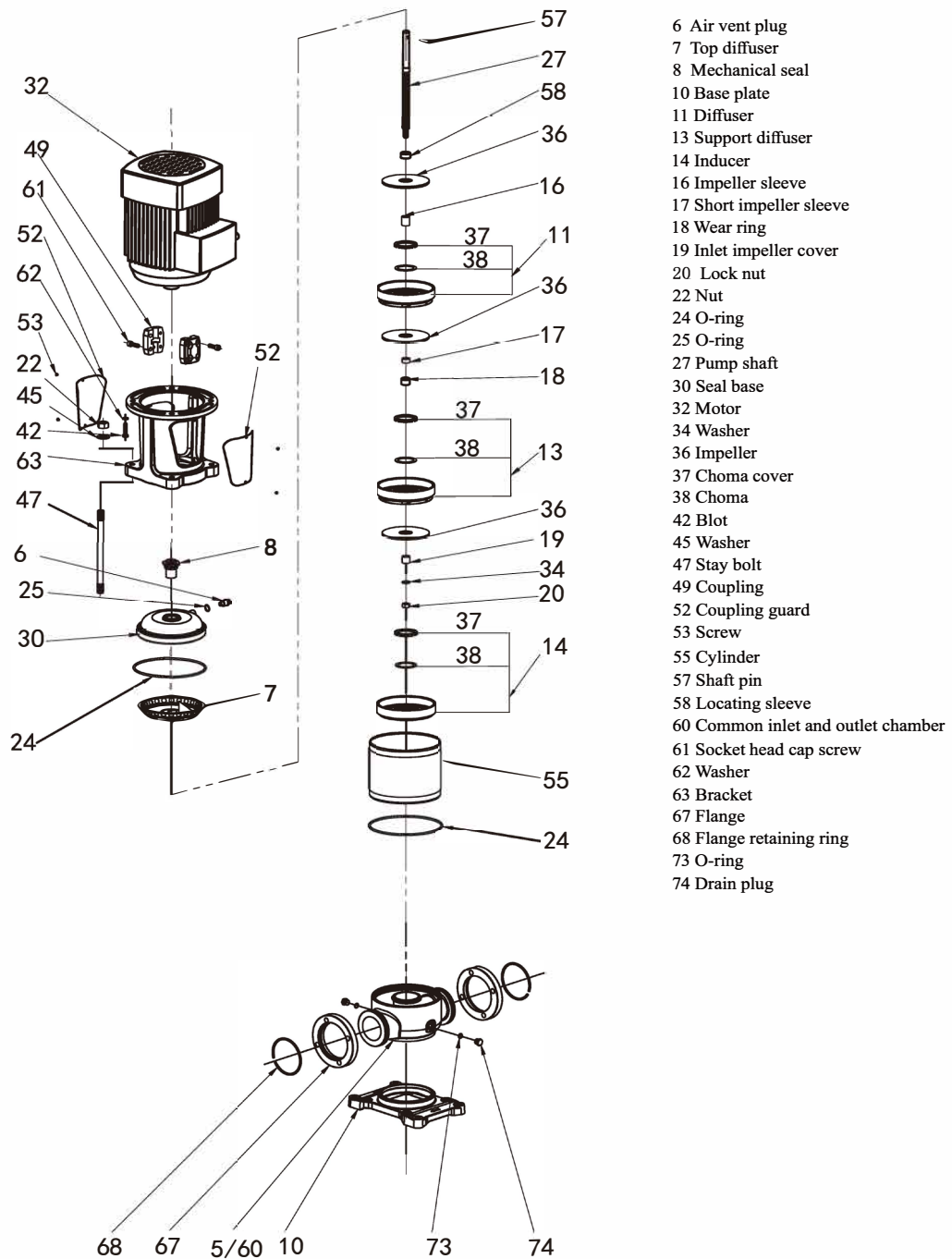
## CUTAWAY



|    |                      |                                     |
|----|----------------------|-------------------------------------|
| 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 PUMPS

BIA NXT VMS 7/10T • 813015



## WARRANTY / CERTIFICATIONS

