

|              |                 |
|--------------|-----------------|
| Customer     | Date 25.06.2021 |
| Contact      | Project         |
| Phone number | Project no.     |
| Email        |                 |

## HVL3D2-3SV16GG4F60-G

### Operating data

|                             |                        |                           |         |
|-----------------------------|------------------------|---------------------------|---------|
| Pumpe type                  | Single-/Multi-pump set | Fluid                     | Water   |
| No. of pumps / Standby pump | 3 / 0                  | Operating temperature t A | °F 39.2 |
| Nominal flow                | US g.p.m. 0            |                           |         |
| Nominal head                | ft 0                   |                           |         |
| Static head                 | ft 0                   |                           |         |
| Inlet pressure              | psi 0                  |                           |         |
| Environmental temperature   | °F 68                  |                           |         |
| Available system NPSH       | ft 0                   |                           |         |

### Pump data

|                        |               |                  |                     |
|------------------------|---------------|------------------|---------------------|
| Make                   | Goulds        | Nominal          | US g.p.m. ( )       |
| Speed                  | rpm 3500      | Flow             | Max- US g.p.m. 22.8 |
| No. of stages          | 1             |                  | Min- US g.p.m.      |
| Max. casing pressure   | psi           |                  | Nominal ft          |
| Max. working pressure  | psi 240       | Head             | at Qmax ft 282.1    |
| Head H(Q=0)            | ft 550        |                  | at Qmin ft 553.6    |
| Weight                 | lb 766        | Shaft power      | hp ( )              |
| Communication Protocol | None Selected | Max. shaft power | hp 10.1             |
|                        |               | Efficiency       | %                   |
|                        |               | NPSH 3%          | ft                  |

### Pump Materials

|                               |                                           |
|-------------------------------|-------------------------------------------|
| 1 - Pump Body                 | Stainless Steel (AISI 304)                |
| 2 - Impeller                  | Stainless Steel (AISI 304)                |
| 3 - Diffuser                  | Stainless Steel (AISI 304)                |
| 4 - Casing                    | Stainless Steel (AISI 316L)               |
| 5 - Shaft                     | Stainless Steel (AISI 316)                |
| 6 - Adapter                   | Cast Iron (ASTM Class 35/40B)             |
| 7 - Base                      | Aluminum (A384.0-F)                       |
| 8 - Coupling                  | Aluminum (A384.0-F)                       |
| 9 - Seal Plate                | Stainless Steel (AISI 316L)               |
| 10 - Coupling Guard           | Stainless Steel (AISI 304)                |
| 11 - Shaft Sleeve and Bushing | Tungsten carbide                          |
| 12 - Fill/Drain Plugs         | Stainless Steel (AISI 316)                |
| 13 - Tie Rods                 | Carbon Steel / Zinc Plated (A29 Gr. 1045) |
| 14 - Wear Ring                | PPS                                       |
| 15 - Seal Gland               | Stainless Steel (AISI 316)                |

### Shaft Seal

|                      |                                 |
|----------------------|---------------------------------|
| 1 - Rotating Face    | Carbon                          |
| 2 - Stationary Face  | Silicon Carbide Graphite Filled |
| 3 - Elastomers       | Viton                           |
| 4 - Spring           | 316SS                           |
| 5 - Metal Components | 316SS                           |

### Motor data

|                 |                |                      |       |
|-----------------|----------------|----------------------|-------|
| Specific design | 3ph TEPE (eHV) |                      |       |
| Type            | V10A32E5BD2S   | Electric voltage     | 460 V |
| Rated power     | 5 hp           | Electric current     | 0 A   |
| Speed           | 3500 rpm       | Degree of protection | IP 55 |
| Frame size      | 184TC          | Insulation class     | B     |



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## HVL3D2-3SV16GG4F60-G

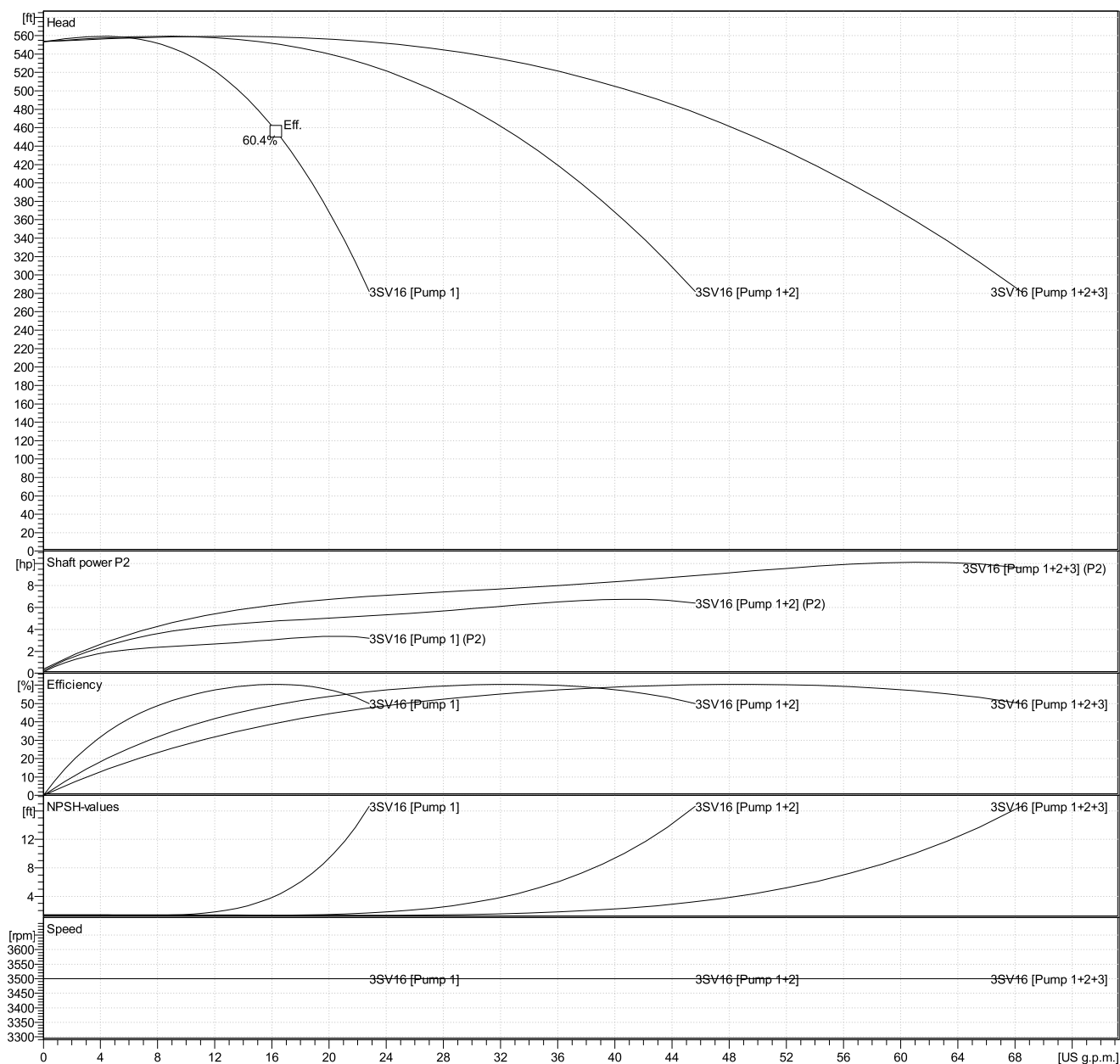
### Hydraulic Data

| Operating Data Specification |             | Hydraulic data (duty point) |  | Impeller design |          |
|------------------------------|-------------|-----------------------------|--|-----------------|----------|
| Flow                         | 0 US g.p.m. | Flow                        |  | Impeller R      | 0 inch   |
| Head                         | 0 ft        | Head                        |  | Frequency       | 60 Hz    |
| Static head                  | 0 ft        |                             |  | Speed           | 3500 rpm |

#### Power data referred to:

Water [100%] ; 39.2°F; 62.4lb/ft³; 1.69E-5ft²/s

Performance according to ANSI/HI 14.6 - Grade 2B

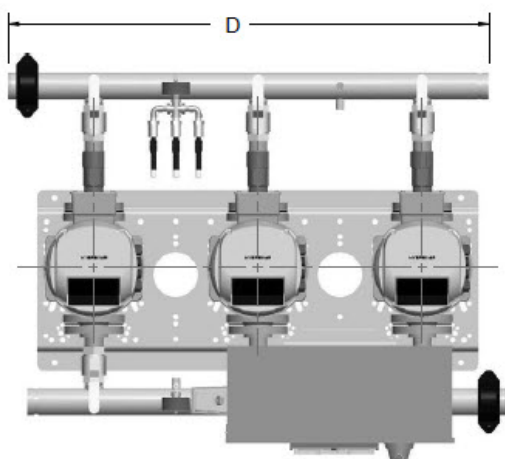




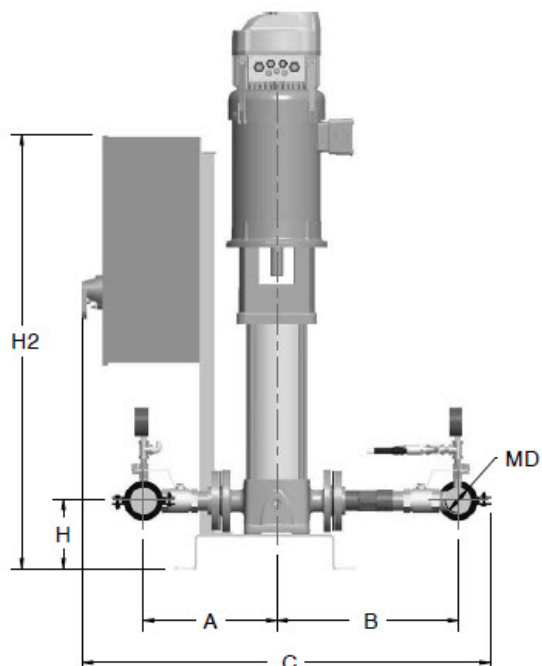
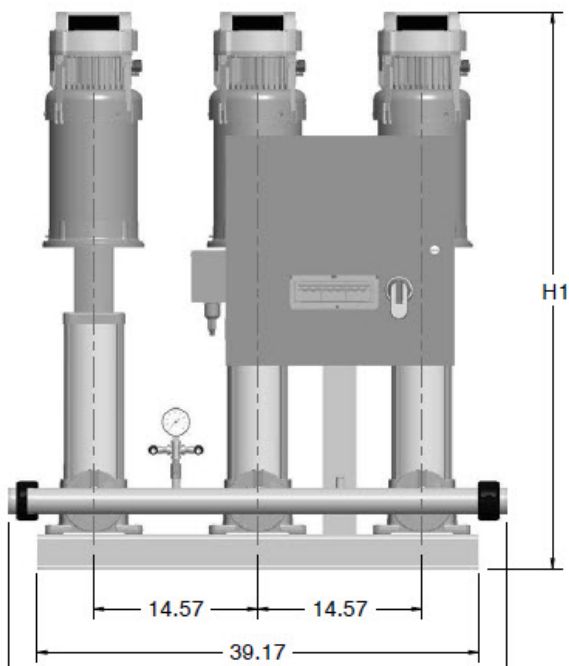
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## HVL3D2-3SV16GG4F60-G

### Drawing



TechnoForce e-HV Dimensions 3SV



|    |                 |  |  |  |  |           |
|----|-----------------|--|--|--|--|-----------|
| A  | $11^{13}/_{16}$ |  |  |  |  | Weight    |
| B  | $16^{1}/_{16}$  |  |  |  |  | 766.01 lb |
| C  | $36^{1}/_{8}$   |  |  |  |  |           |
| D  | $42^{9}/_{16}$  |  |  |  |  |           |
| H  | $6^{1}/_{8}$    |  |  |  |  |           |
| H1 | $47^{3}/_{8}$   |  |  |  |  |           |
| H2 | $38^{7}/_{16}$  |  |  |  |  |           |
| L  | $44^{3}/_{16}$  |  |  |  |  |           |
| MD | 2               |  |  |  |  |           |