

|              |             |            |
|--------------|-------------|------------|
| Customer     | Date        | 13.09.2021 |
| Contact      | Project     |            |
| Phone number | Project no. |            |
| Email        |             |            |

## HVL4D6-15SV4GH4F60-G

### Operating data

|                             |                        |                           |         |
|-----------------------------|------------------------|---------------------------|---------|
| Pumpe type                  | Single-/Multi-pump set | Fluid                     | Water   |
| No. of pumps / Standby pump | 4 / 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. 127.3 |
| No. of stages          | 1             |                  | Min-      | US g.p.m.       |
| Max. casing pressure   | psi           |                  | Nominal   | ft              |
| Max. working pressure  | psi 114.8     | Head             | at Qmax   | ft 127.4        |
| Head H(Q=0)            | ft 260        |                  | at Qmin   | ft 264.7        |
| Weight                 | lb 1791       | Shaft power      | hp        | ( )             |
| Communication Protocol | None Selected | Max. shaft power | hp        | 30              |
|                        |               | 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            | V11A32E5BD2S   | Electric voltage     | 460 V |
| Rated power     | 7.5 hp         | Electric current     | 0 A   |
| Speed           | 3500 rpm       | Degree of protection | IP 55 |
| Frame size      | 184TC          | Insulation class     | B     |



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## HVL4D6-15SV4GH4F60-G

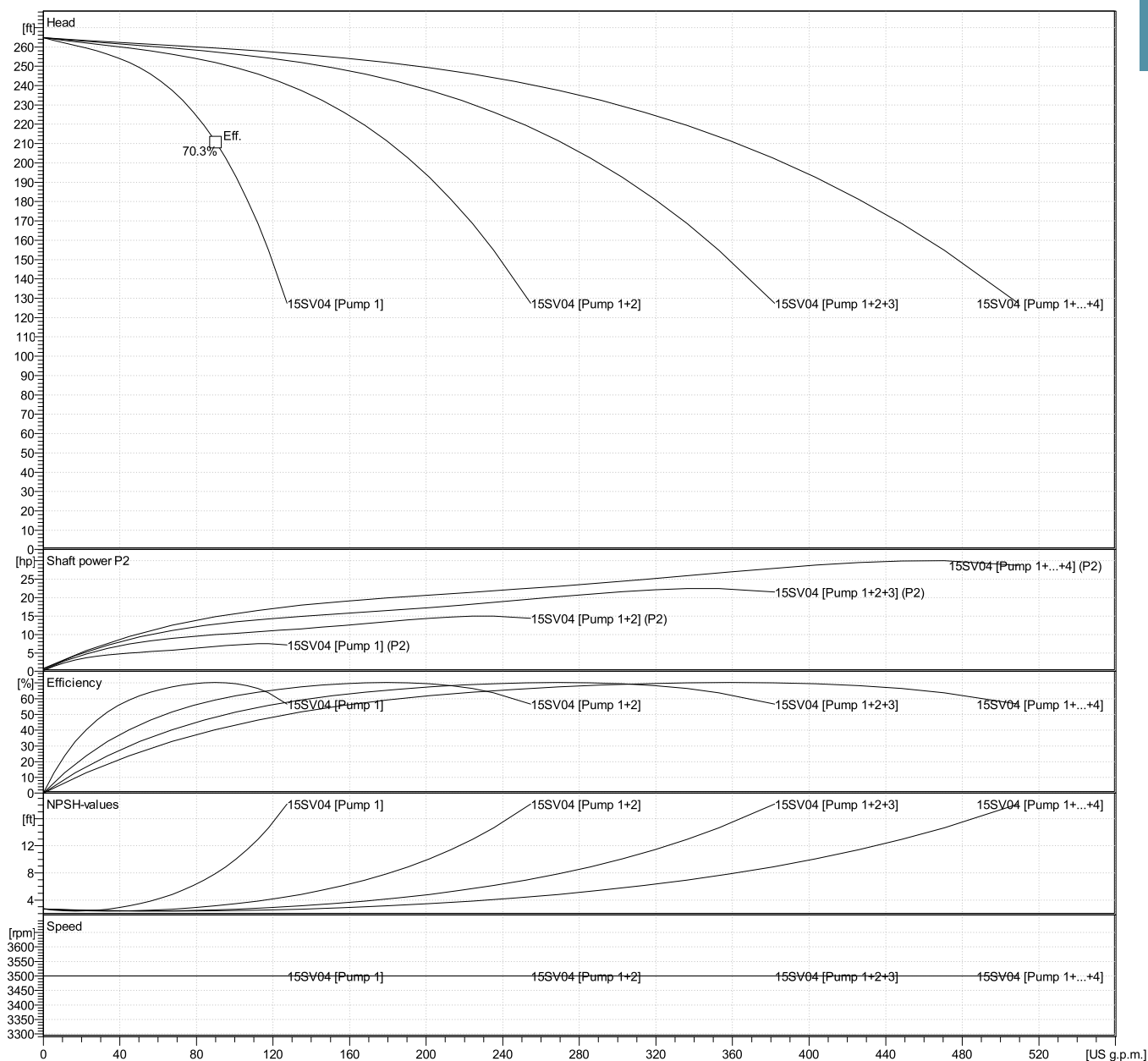
### Hydraulic Data

| 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

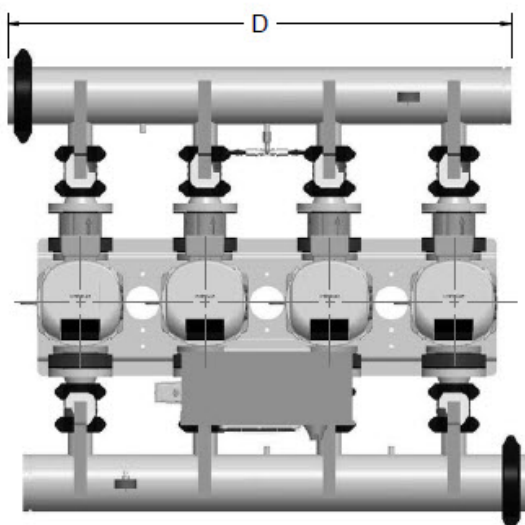




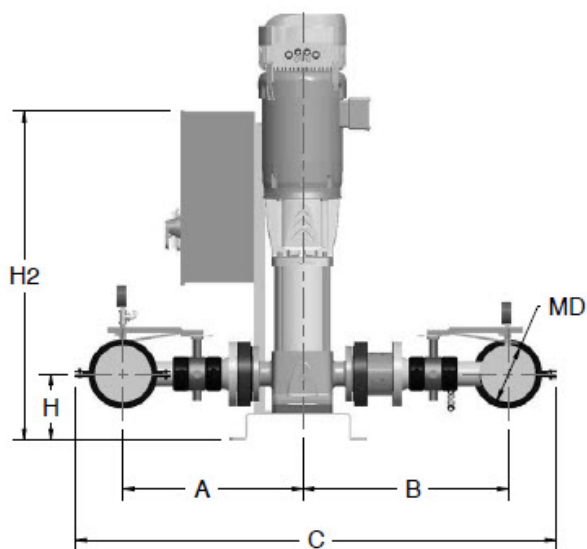
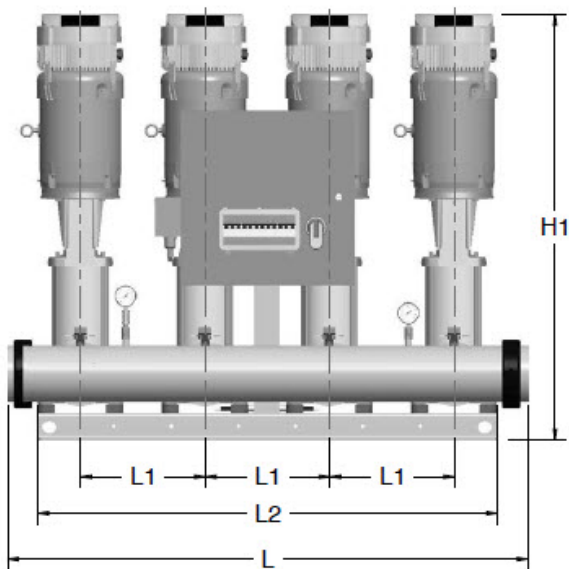
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## HVL4D6-15SV4GH4F60-G

### Drawing



TechnoForce e-HV Dimensions 15SV



inch

|    |                                  |    |                                |  |  |         |
|----|----------------------------------|----|--------------------------------|--|--|---------|
| A  | 21 <sup>1</sup> / <sub>32</sub>  | L2 | 53 <sup>3</sup> / <sub>4</sub> |  |  | Weight  |
| B  | 24 <sup>1</sup> / <sub>32</sub>  | MD | 6                              |  |  | 1791 lb |
| C  | 56 <sup>3</sup> / <sub>16</sub>  |    |                                |  |  |         |
| D  | 58 <sup>15</sup> / <sub>16</sub> |    |                                |  |  |         |
| H  | 7 <sup>11</sup> / <sub>16</sub>  |    |                                |  |  |         |
| H1 | 48 <sup>5</sup> / <sub>8</sub>   |    |                                |  |  |         |
| H2 | 38 <sup>5</sup> / <sub>16</sub>  |    |                                |  |  |         |
| L  | 64 <sup>3</sup> / <sub>4</sub>   |    |                                |  |  |         |
| L1 | 14 <sup>9</sup> / <sub>16</sub>  |    |                                |  |  |         |