

# HIGH EFFICIENCY VERTICAL MULTISTAGE CENTRIFUGAL PUMP

Series: **HMV5-60-103**  
1 HP

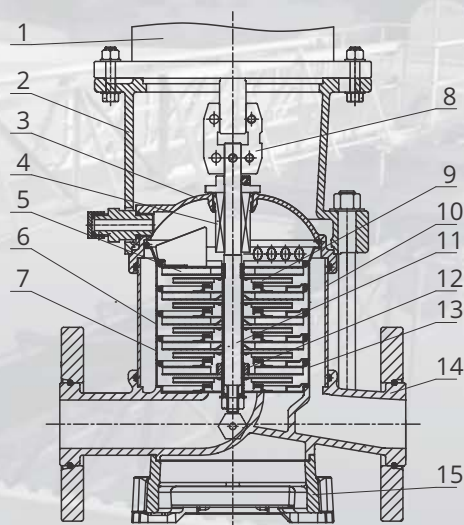


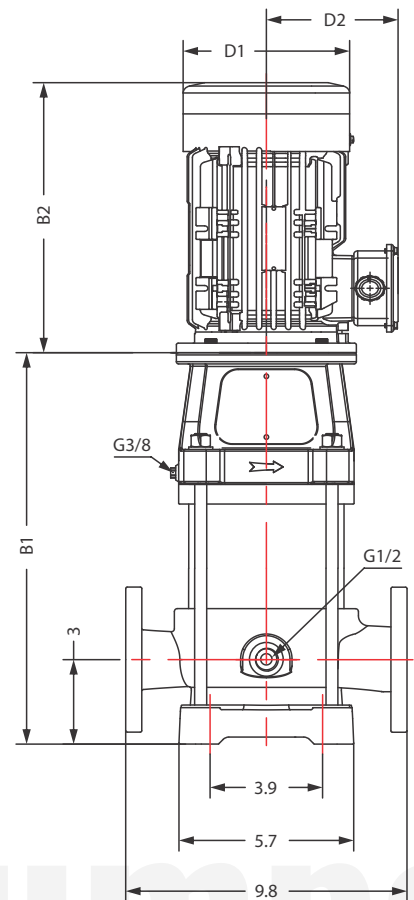
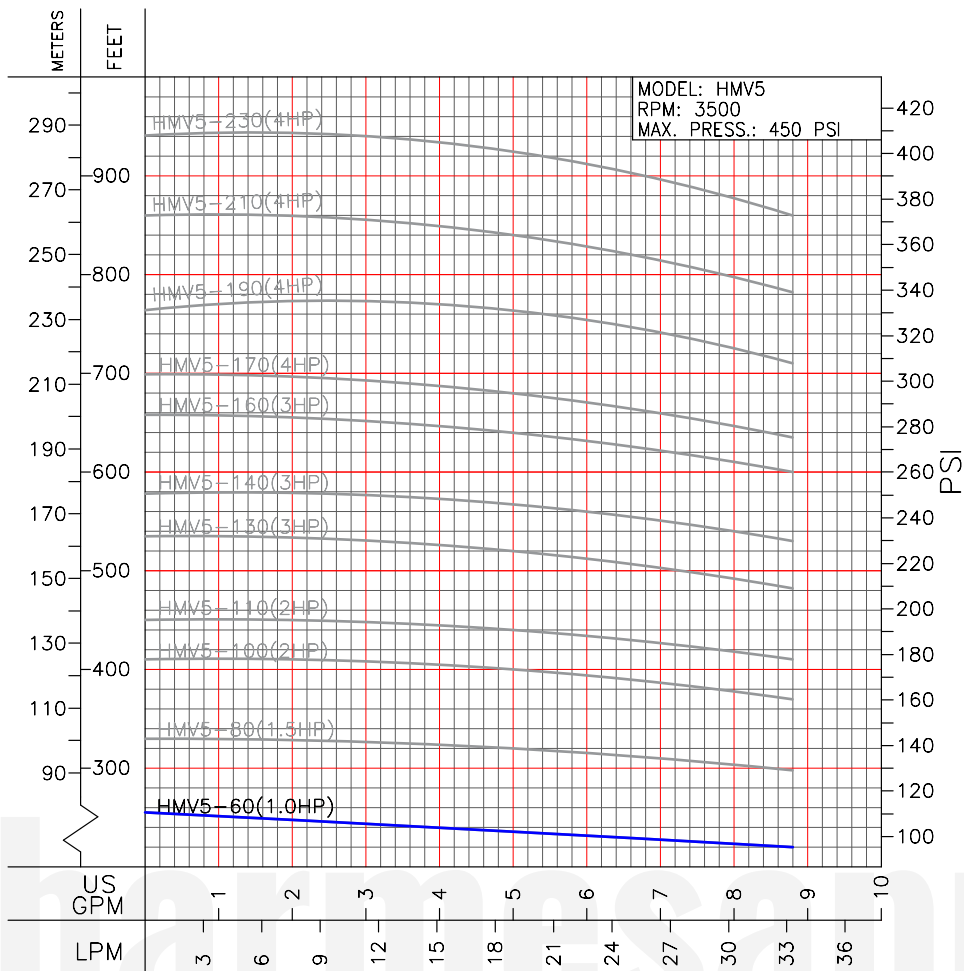
**CSA**  
C US  
CSA Certified  
Drinking Water -  
NSF/ANSI 61 & 372

\* Representative image

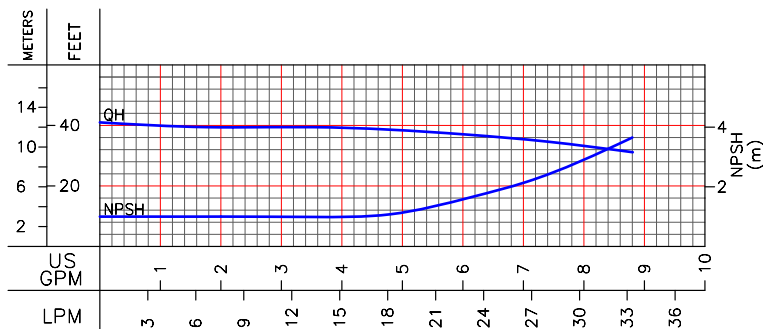
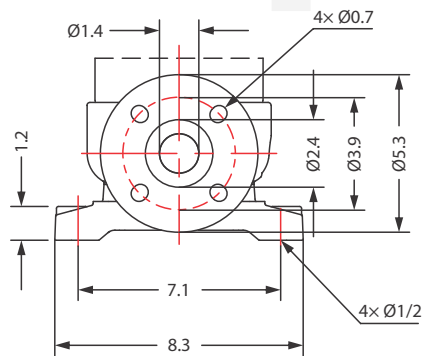
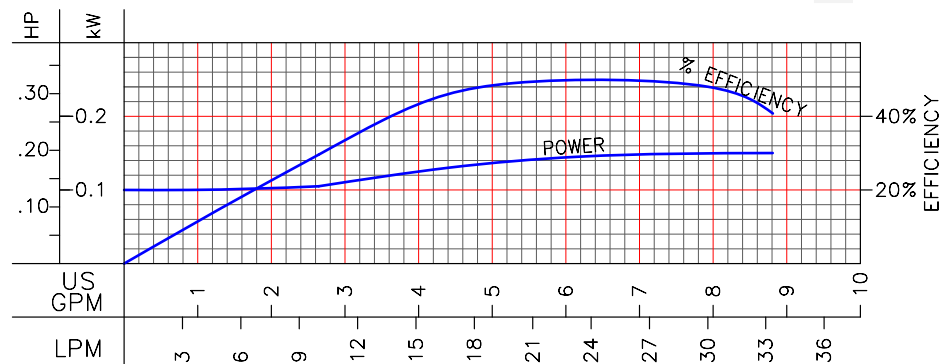
| TECHNICAL DATA |           |     |      |         |           |                 |              |             |
|----------------|-----------|-----|------|---------|-----------|-----------------|--------------|-------------|
| MODEL          | PART No.  | HP  | RPM  | V       | MAX. AMPS | MAX. TEMP. (°F) | MAX. Q (gpm) | MAX. H (ft) |
| HMV5-60-103    | 70120101A | 1   | 3500 | 230/460 | 2.9/1.5   | 248             | 8.5          | 245         |
| HMV5-80-153    | 70120101B | 1.5 | 3500 | 230/460 | 4.2/2.1   | 248             | 8.5          | 328         |
| HMV5-100-203   | 70120101H | 2   | 3500 | 230/460 | 5.5/2.7   | 248             | 8.5          | 410         |
| HMV5-110-203   | 70120101C | 2   | 3500 | 230/460 | 5.5/2.7   | 248             | 8.5          | 450         |
| HMV5-130-303   | 70120101J | 3   | 3500 | 230/460 | 7.9/3.9   | 248             | 8.5          | 530         |
| HMV5-140-303   | 70120101L | 3   | 3500 | 230/460 | 7.9/3.9   | 248             | 8.5          | 574         |
| HMV5-160-303   | 70120101D | 3   | 3500 | 230/460 | 7.9/3.9   | 248             | 8.5          | 656         |
| HMV5-170-403   | 70120101N | 4   | 3500 | 230/460 | 10.3/5.1  | 248             | 8.5          | 695         |
| HMV5-190-403   | 70120101P | 4   | 3500 | 230/460 | 10.3/5.1  | 248             | 8.5          | 777         |
| HMV5-210-403   | 70120101R | 4   | 3500 | 230/460 | 10.3/5.1  | 248             | 8.5          | 860         |
| HMV5-230-403   | 70120101E | 4   | 3500 | 230/460 | 10.3/5.1  | 248             | 8.5          | 940         |

| ITEM | NAME                   | MATERIAL          | AISI/ASTM          |
|------|------------------------|-------------------|--------------------|
| 1    | Motor                  | -                 | -                  |
| 2    | Bracket                | Ductile cast iron | ASTM A536 65-45-12 |
| 3    | Seal base              | Stainless steel   | AISI 304           |
| 4    | Mechanical seal        | SiC/Carbon        | -                  |
| 5    | Top diffuser           | Stainless steel   | AISI 304           |
| 6    | Diffuser               | Stainless steel   | AISI 304           |
| 7    | Support diffuser       | Stainless steel   | AISI 304           |
| 8    | Coupling               | Ductile cast iron | ASTM A536 65-45-12 |
| 9    | Impeller               | Stainless steel   | AISI 304           |
| 10   | Cylinder               | Stainless steel   | AISI 304           |
| 11   | Shaft                  | Stainless steel   | AISI 304           |
| 12   | Bearing                | Tungsten carbide  | -                  |
| 13   | Inducer                | Stainless steel   | AISI304            |
| 14   | Inlet & outlet chamber | Stainless steel   | AISI 304           |
| 15   | Base                   | Cast iron         | ASTM 25B           |





1 1/4" / ANSI / CLASS 300



| MODEL        | HP  | STAGES | SIZE (in) |    |       |    |    | WEIGHT (lb) |
|--------------|-----|--------|-----------|----|-------|----|----|-------------|
|              |     |        | B1        | B2 | B1+B2 | D1 | D2 |             |
| HMV5-60-103  | 1   | 6      | 14        | 11 | 25    | 7  | 6  | 66          |
| HMV5-80-153  | 1.5 | 8      | 15        | 11 | 26    | 7  | 6  | 75          |
| HMV5-100-203 | 2   | 10     | 17        | 14 | 31    | 7  | 6  | 90          |
| HMV5-110-203 | 2   | 11     | 17        | 14 | 31    | 7  | 6  | 90          |
| HMV5-130-303 | 3   | 13     | 19        | 14 | 33    | 7  | 6  | 101         |
| HMV5-140-303 | 3   | 14     | 20        | 14 | 33    | 7  | 6  | 104         |
| HMV5-160-303 | 3   | 16     | 21        | 14 | 35    | 7  | 6  | 108         |
| HMV5-170-403 | 4   | 17     | 22        | 16 | 38    | 8  | 6  | 121         |
| HMV5-190-403 | 4   | 19     | 24        | 16 | 40    | 8  | 6  | 123         |
| HMV5-210-403 | 4   | 21     | 25        | 16 | 41    | 8  | 6  | 128         |
| HMV5-230-403 | 4   | 23     | 26        | 16 | 43    | 8  | 6  | 132         |