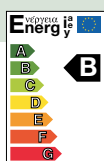


# VS

## WET ROTOR CIRCULATORS

## HOT WATER SYSTEMS



Pump for hot water circulation in hot water domestic systems of the closed and pressurized or open tank type. Also suitable for solar power systems. Single body formed of the bronze hydraulic unit. Die-cast aluminium motor casing. Technopolymer impeller. Ceramic driving shaft mounted on graphite brushings lubricated by the pumped liquid itself. Stainless steel protective rotor sleeve, stator sleeve and closing flange. Ceramic thrust bearing, E.P.D.M. "O" rings. The two-pole or four-pole asynchronous motor with wet rotor is self-protected for resistance.

**No overload protection required.**

Tel.: (54-011) 4753-2348

Av. 101 (Ruta 8) N° 1882 - San Martín - Pcia. de Bs. As. - Argentina

PAGINA WEB: [www.electromecanicamm.com.ar](http://www.electromecanicamm.com.ar)

E-MAIL: [electromecanicamm@hotmail.com](mailto:electromecanicamm@hotmail.com)

**Operating range:** from 0.5 to 3,6 m³/h with head up to 6 metres.

**Liquid temperature range:**

from -10°C to +85°C (for sanitary use)

+110°C (for others use).

**Pumped liquid characteristics:** clean, free from solids and mineral oils, non viscous, chemically neutral, close to the characteristics of water (max 30% glycol).

**Maximum working pressure:** 10 bar (1000 kPa).

**Protection level:** IP 44.

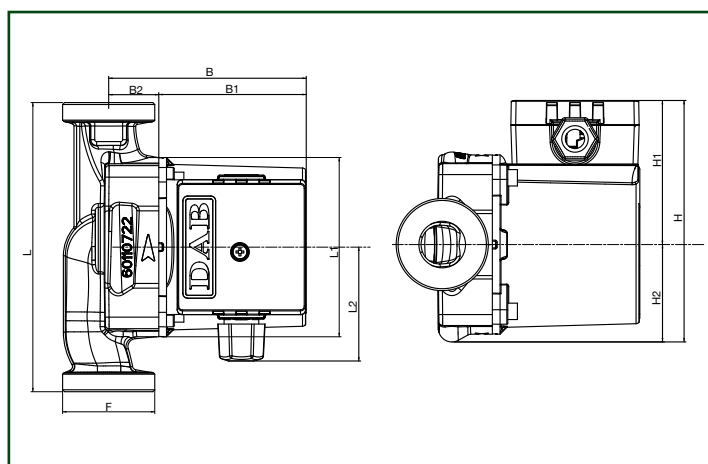
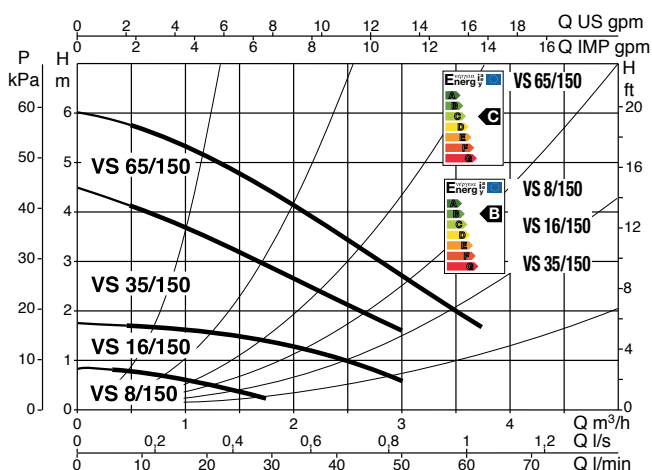
**Insulation class:** F.

**Cable grommet:** PG 11.

**Installation:** with motor axis horizontal.

## TECHNICAL DATA

| MODEL     | CODE     | CENTRE<br>DISTANCE<br>mm | ELECTRICAL DATA  |                      |             |         |           |     | UNIONS ON REQUEST                                |                        | MINIMUM<br>HEAD<br>PRESSURE |
|-----------|----------|--------------------------|------------------|----------------------|-------------|---------|-----------|-----|--------------------------------------------------|------------------------|-----------------------------|
|           |          |                          | VOLTAGE<br>50 Hz | n<br>r.p.m.<br>1/min | P1 MAX<br>W | In<br>A | CAPACITOR |     | STANDARDIZED                                     | SPECIAL                |                             |
|           |          |                          |                  |                      |             |         | µF        | Vc  |                                                  |                        |                             |
| VS 8/150  | 60112968 | 150                      | 1 x 230 V ~      | 1340                 | 22          | 0,14    | 1,5       | 450 | BRASS 1/2" F - 3/4" F - 1" F<br>COPPER d22 e d28 | t° +90°C<br>m.c.a. 1,5 |                             |
| VS 16/150 | 60115297 | 150                      | 1 x 230 V ~      | 2784                 | 41          | 0,19    | 1,5       | 450 | BRASS 1/2" F - 3/4" F - 1" F<br>COPPER d22 e d28 | t° +90°C<br>m.c.a. 1,5 |                             |
| VS 35/150 | 60115298 | 150                      | 1 x 230 V ~      | 2470                 | 55          | 0,24    | 1,7       | 450 | BRASS 1/2" F - 3/4" F - 1" F<br>COPPER d22 e d28 | t° +90°C<br>m.c.a. 1,5 |                             |
| VS 65/150 | 60115299 | 150                      | 1 x 230 V ~      | 2317                 | 77          | 0,34    | 2         | 450 | BRASS 1/2" F - 3/4" F - 1" F<br>COPPER d22 e d28 | t° +90°C<br>m.c.a. 1,5 |                             |



| MODEL           | L   | L1 | L2 | B   | B1 | B2 | H   | H1 | H2 | F GAS | PACKAGING DIMENSIONS |     |     | WEIGHT KG | Q.TY X PALLET |
|-----------------|-----|----|----|-----|----|----|-----|----|----|-------|----------------------|-----|-----|-----------|---------------|
|                 |     |    |    |     |    |    |     |    |    |       | L                    | B   | H   |           |               |
| VSA 35/130      | 150 | 98 | 60 | 104 | 78 | 26 | 124 | 75 | 49 | 11/2" | 134                  | 188 | 150 | 2,6       | 180           |
| VSA 35/130 1/2" | 150 | 98 | 60 | 104 | 78 | 26 | 124 | 75 | 49 | 11/2" | 134                  | 188 | 150 | 2,6       | 180           |
| VSA 35/180      | 150 | 98 | 60 | 104 | 78 | 26 | 124 | 75 | 49 | 11/2" | 134                  | 188 | 150 | 2,6       | 180           |
| VSA 35/180 X    | 150 | 98 | 60 | 104 | 78 | 26 | 124 | 75 | 49 | 11/2" | 134                  | 188 | 150 | 2,6       | 180           |