

# Suction Pumps SB20...60

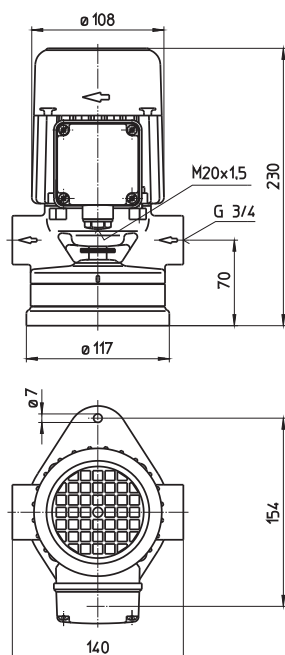
## Open impellers



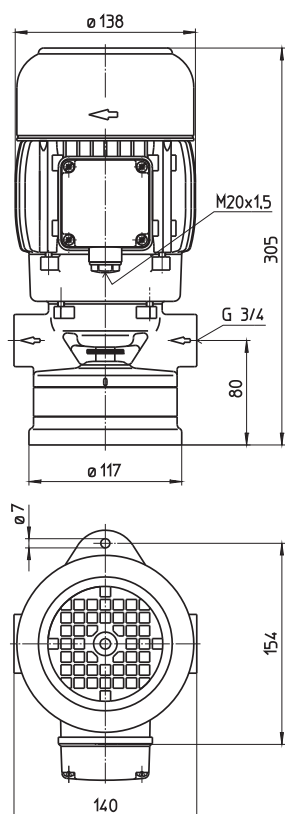
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### SB20, 40



### SB60



| Type        | Vol. del.<br>at manom.<br>del. head<br>l/min /m | Weight<br>kg | Power<br>kW | Voltage<br>3 ~<br>V | Fre-<br>quen-<br>cy<br>Hz | Current<br>A | Speed<br>1/min |
|-------------|-------------------------------------------------|--------------|-------------|---------------------|---------------------------|--------------|----------------|
| <b>SB20</b> | 20/2                                            | 5.8          | 0.14        | 220-240             | 50                        | 0.71         | 2700           |
|             |                                                 |              |             | 380-420             | 50                        | 0.41         | 2700           |
|             |                                                 |              |             | 460                 | 60                        | 0.41         | 3200           |
| <b>SB40</b> | 40/2                                            | 6.4          | 0.22        | 220-240             | 50                        | 0.95         | 2700           |
|             |                                                 |              |             | 380-420             | 50                        | 0.55         | 2700           |
|             |                                                 |              |             | 460                 | 60                        | 0.55         | 3200           |
| <b>SB60</b> | 60/2                                            | 9.9          | 0.63        | 220-240             | 50                        | 2.6          | 2750           |
|             |                                                 |              |             | 380-420             | 50                        | 1.5          | 2750           |
|             |                                                 |              |             | 460                 | 60                        | 1.5          | 3250           |

### Suction Pumps

are self-priming following the initial priming, and operate according to the bypass duct principle. We recommend pump models featuring bronze body elements for pumping water without anti-corrosion additives.

The dimensions are based on standard specification **EN 12157**.

### Applications

Types of fluid  
coolants  
cooling/cutting oils  
fuel oil  
water (with anticorrosive additive)  
Kinematic viscosity  
...60 mm<sup>2</sup>/s (60 cSt)  
Pumping temperature  
0...80° C  
Suction height  
1 - 2 m without foot-located valve  
4 - 6 m with foot-located valve

### Construction

|                 |                      |
|-----------------|----------------------|
| Pump body       | cast iron            |
| Cover           | cast iron            |
| Impeller        | brass                |
| Shaft           | steel                |
| Mechanical seal | graphite based       |
| O-rings         | Viton                |
| Optional:       |                      |
| Pump body       | bronze (SB20...SB40) |
| Cover           | bronze (SB20...SB40) |
| Impeller        | CrNi-steel           |
| Noise level     |                      |
| SB20...SB40     | 54 dBA               |
| SB60            | 64 dBA               |

