

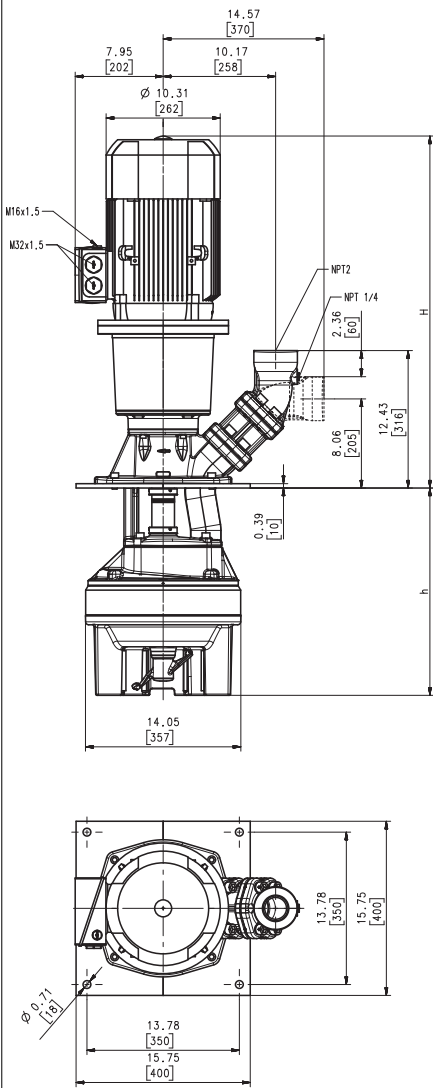
# Cutter Pumps

## SXC2824S

Axial/semi-open impellers



### SXC2824S



Dimensions in Inches / mm

| Type               | Flow at head          |              | Height         | Depth of immersion |      | Weight |     | Power (4-pole) 3~<br>HP<br>kW | Voltage<br>V | Frequency<br>Hz | Current Speed |  |
|--------------------|-----------------------|--------------|----------------|--------------------|------|--------|-----|-------------------------------|--------------|-----------------|---------------|--|
|                    | GPM /Feet<br>l/min /m | H inch<br>mm | h inch<br>h mm | Lbs<br>kg          | AMPS | RPM    |     |                               |              |                 |               |  |
| <b>SXC2824S480</b> | 200/45                | 31.9         | 18.74          | 476                | 428  | 194    | 10  | 460                           | 60           | 12.4            | 1770          |  |
|                    | 750/14                | 809          |                |                    |      |        | 7.5 |                               |              |                 |               |  |
|                    | 610                   |              | 23.86          | 606                | 432  | 196    |     |                               |              |                 |               |  |
|                    | 730                   |              | 28.58          | 726                | 439  | 199    |     |                               |              |                 |               |  |



**Cutter Pumps**

The cutter pumps of the series SXC are designed to handle low alloyed steels, machining steel and cast iron / aluminum combinations. Chips can also be in the shape of birds nests or chip bundles, and must be supplied to the suction inlet of the pump. The chips are picked up by the agitator, broken up if necessary, cut, and then delivered by the pump. The SXC pumps are equipped with the user-friendly 45 degree **flange** connection which allows for either vertical or horizontal pipe connection and the connection of a pressure gauge. For more information see lifting pumps features SXC/SPC within the technical information section.

**Applications**

Types of fluid  
 coolants  
 cooling/cutting oils on request  
 Max. chip to coolant ratio by weight:  
 0.5 %  
 Chip material:  
 Low alloyed steel, machining steel,  
 cast iron/aluminum combinations  
 Kinematic viscosity  
 ...200 SSU (...45 mm<sup>2</sup>/s)  
 Pumping temperature  
 30...175 °F (0...80 °C)

**Construction**

|                 |                   |
|-----------------|-------------------|
| Pump body       | cast iron         |
| Cover           | cast iron         |
| Impeller radial | cast steel        |
| Cutting unit    | coated (> 60 HRC) |
| Shaft           | steel             |

