

# S-15-355-N1

Data sheet V 1.0

## Features

- » Compact construction
- » Competitive price
- » Performance improvement

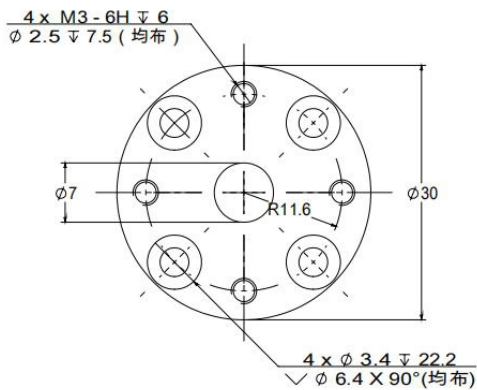
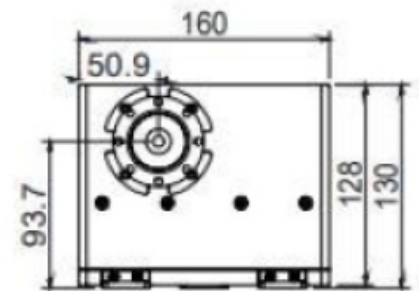
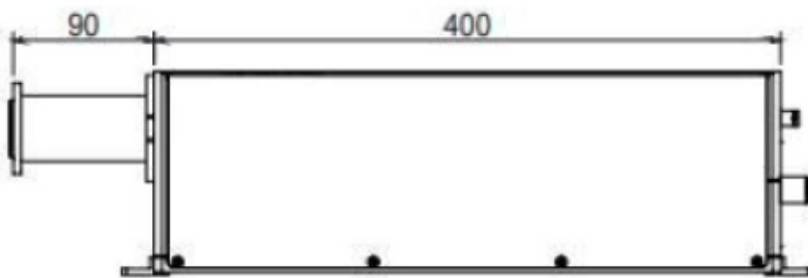
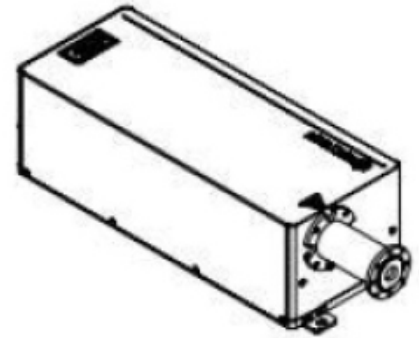
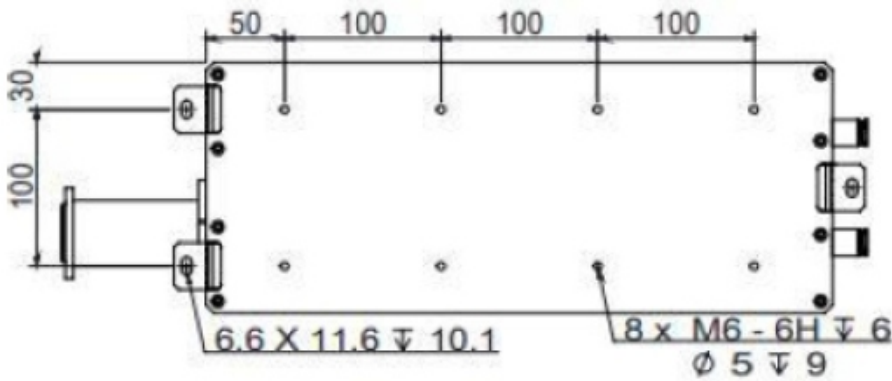


## TECHNICAL SPECIFICATIONS

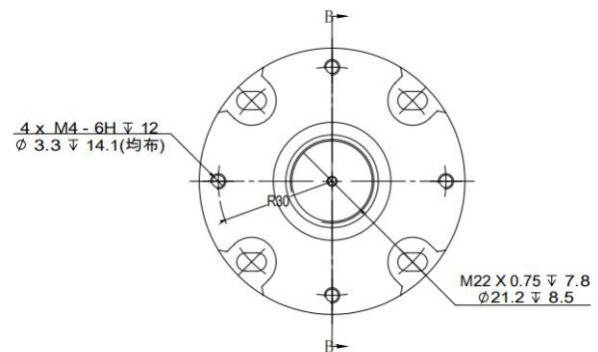
|                        |                     |
|------------------------|---------------------|
| Central Wavelength     | 355 nm              |
| Output power           | >15 W@60kHz         |
| Max. pulse energy      | 250 $\mu$ J@60kHz   |
| Range of power         | 0-100 %             |
| Repetition frequency   | 50-200 kHz          |
| Power instability      | <3 %                |
| Beam quality           | <1.3 M <sup>2</sup> |
| Pulse stability        | <3 %                |
| Pulse width            | <16ns@60kHz         |
| Spot roundness         | >90 %               |
| Divergence angel       | <2 mrad             |
| Spatial Mode           | TEM <sub>00</sub>   |
| Pointing stability(8h) | <25 urad/°C         |

|                       |                |
|-----------------------|----------------|
| Beam diameter         | 0.5±0.1 mm     |
| Beam diameter (8x)    | 5±0.8 mm       |
| Supply voltage DC     | 24 VDC         |
| Current consumption   | <10 A          |
| Power consumption     | <240 W         |
| Operating temperature | 15 - 35 °C     |
| Storage temperature   | -10 - 50 °C    |
| Colling method        | Water          |
| Colling capacity      | >580 W         |
| Water flow            | >6 L/min       |
| Dimension             | 400x160x130 mm |
| Net weight            | <13 kg         |

## S-15-355-N1

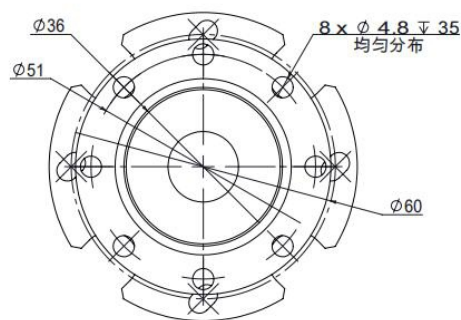


Beamexpander mounting flange

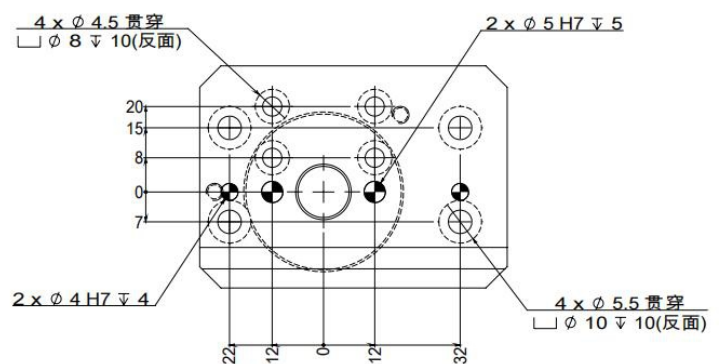


Beamexpander mounting M22

## S-15-355-N1



Galvanometer connecting tube



Galvanometer adapter