

# S-5-355-N1A

Data sheet V 1.0

## Features

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

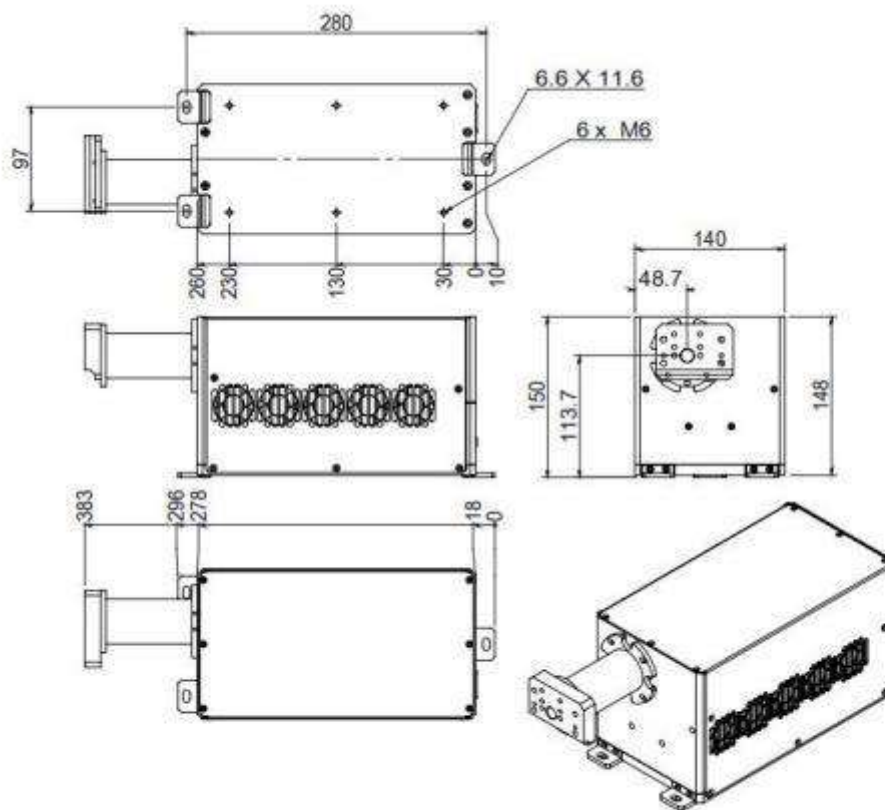


## TECHNICAL SPECIFICATIONS

|                      |                     |
|----------------------|---------------------|
| Central Wavelength   | 355 nm              |
| Output power         | >5 W@40kHz          |
| Max. pulse energy    | 125 µJ@40kHz        |
| Range of power       | 0-100 %             |
| Repetition frequency | 30-200 kHz          |
| Power instability    | <3 %                |
| Beam quality         | <1.3 M <sup>2</sup> |
| Pulse stability      | <3 %                |
| Pulse width          | <16ns@40kHz         |
| Spot roundness       | >90 %               |
| Spatial Mode         | TEM <sub>00</sub>   |

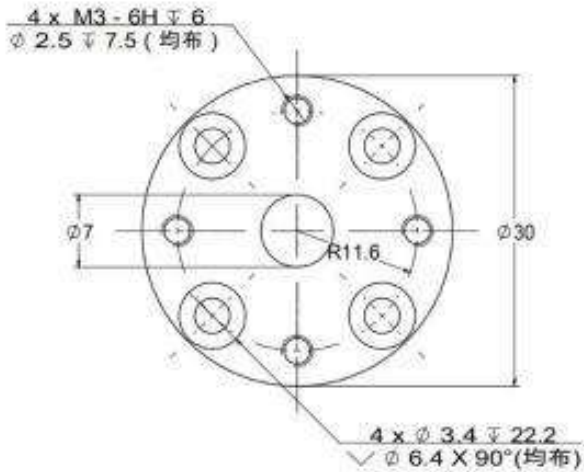
|                         |                |
|-------------------------|----------------|
| Divergence angel        | <2 mrad        |
| Pointing stability (8h) | <25 urad/°C    |
| Beam diameter (10x)     | 5±0.5 mm       |
| Supply voltage DC       | 24 VDC         |
| Current consumption     | <10 A          |
| Power consumption       | <240 W         |
| Operating temperature   | 15 - 35 °C     |
| Storage temperature     | -10 - 50 °C    |
| Colling method          | Air            |
| Dimension               | 296x140x149 mm |
| Net weight              | <10 kg         |

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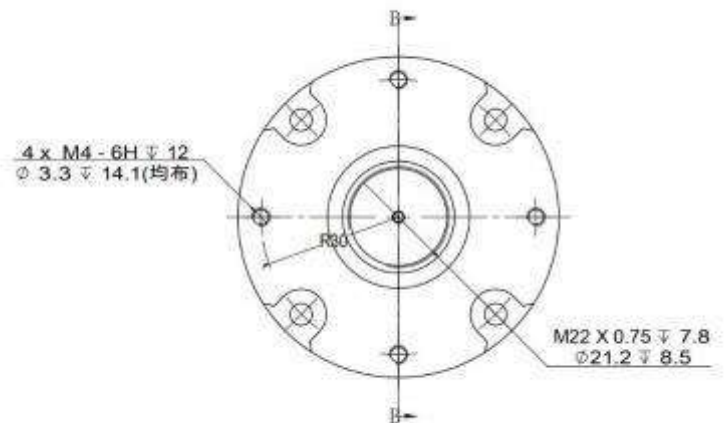


Laser Dimension

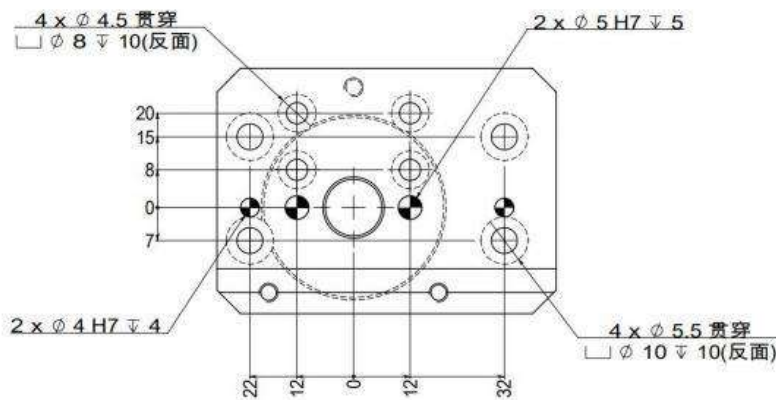
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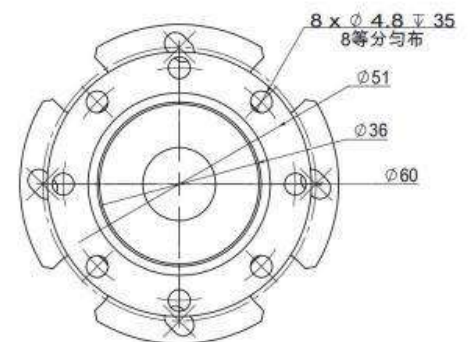
Beamexpander mounting M3



Beamexpander mounting M22



Galvanometer connecting tube



Galvanometer adapter