

# S-5-355-SE

Data sheet V 1.0

## Features

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

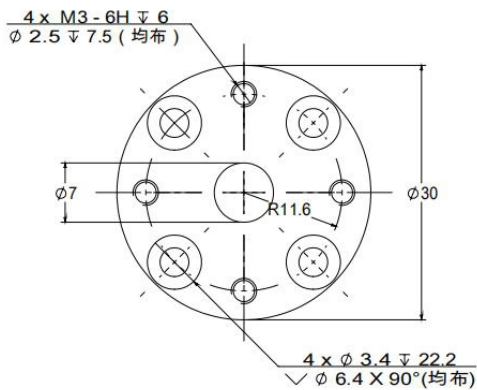
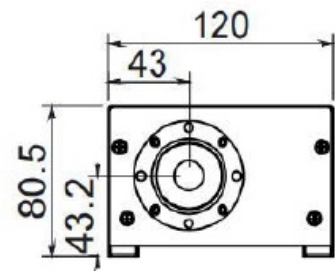
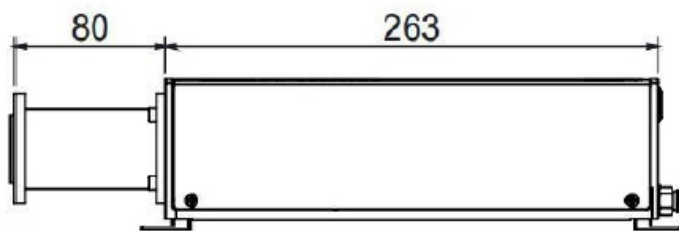
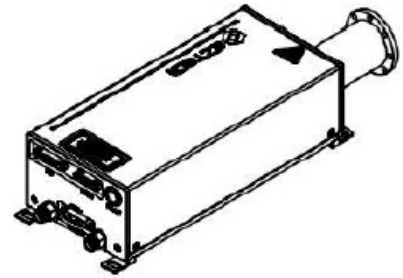
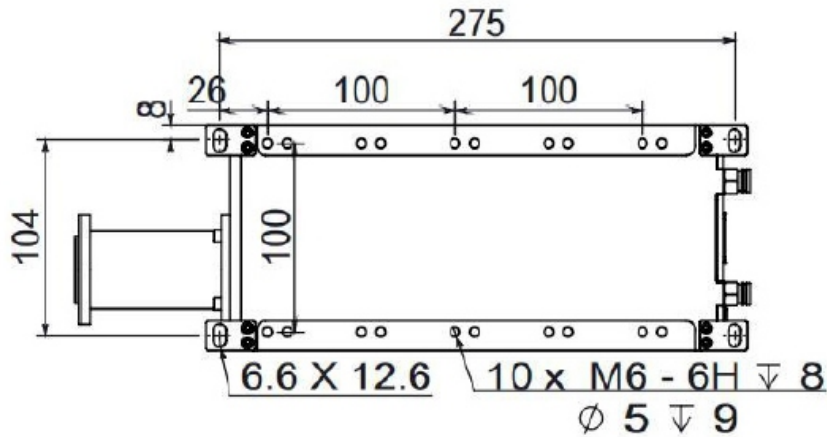


## TECHNICAL SPECIFICATIONS

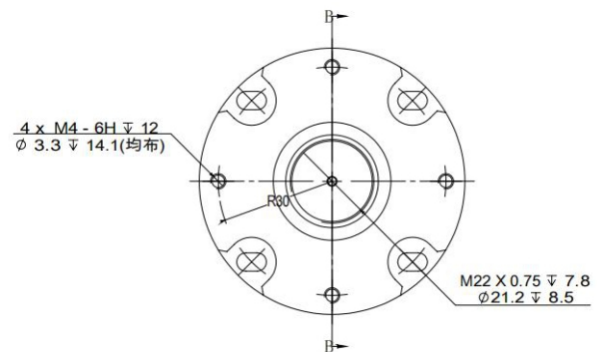
|                        |                     |
|------------------------|---------------------|
| Central Wavelength     | 355 nm              |
| Output power           | >5 W@40kHz          |
| Max. pulse energy      | 125 µJ@40kHz        |
| Range of power         | 0-100 %             |
| Repetition frequency   | 30-200 kHz          |
| Power instability      | <3 %                |
| Beam quality           | <1.3 M <sup>2</sup> |
| Pulse stability        | <3 %                |
| Pulse width            | <15ns@40kHz         |
| Spot roundness         | >90 %               |
| Divergence angel       | <2 mrad             |
| Spatial Mode           | TEM <sub>00</sub>   |
| Pointing stability(8h) | <25 urad/°C         |

|                       |                 |
|-----------------------|-----------------|
| Beam diameter         | 0.6±0.1 mm      |
| Beam diameter (8x)    | 4±0.8 mm        |
| Supply voltage DC     | 24 VDC          |
| Current consumption   | <5 A            |
| Power consumption     | <120 W          |
| Operating temperature | 15 - 35 °C      |
| Storage temperature   | -10 - 50 °C     |
| Colling method        | Water           |
| Colling capacity      | >420 W          |
| Water flow            | >6 L/min        |
| Dimension             | 263x120x80.5 mm |
| Net weight            | <4 kg           |

## S-5-355-SE

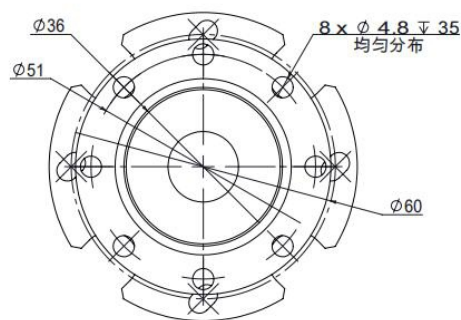


Beamexpander mounting flange

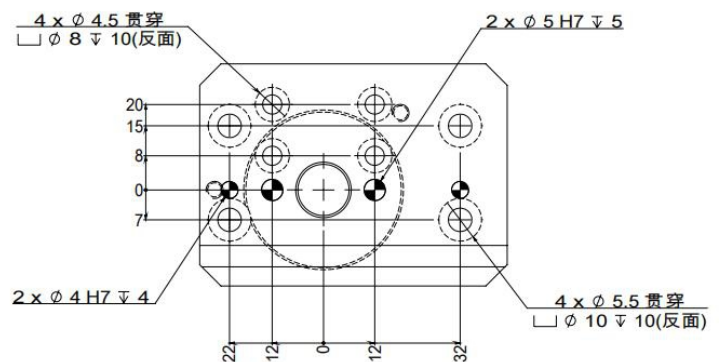


Beamexpander mounting M22

## S-5-355-SE



Galvanometer connecting tube



Galvanometer adapter