

## Features:

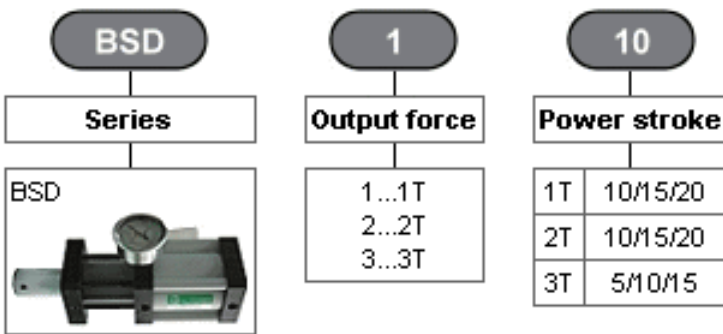
- Ideal way to generate huge hydraulic push force through pneumatic media .
- Designed to save energy and cost in a wide variety of applications.
- Driven by pneumatic source, easy to control.
- Suitable for high output, short-stroke applications.
- With lube or non-lube service.

## Specifications:

|                           |                                       |
|---------------------------|---------------------------------------|
| <b>Action</b>             | Air over oil                          |
| <b>Series</b>             | BSD                                   |
| <b>Output force</b>       | BSD01, BSD02, BSD03                   |
| <b>Operating fluid</b>    | Compressed air                        |
| <b>Operating pressure</b> | 0.7-9.9 kgf/cm <sup>2</sup>           |
| <b>Proof pressure</b>     | 10.7kgf/cm <sup>2</sup>               |
| <b>Temperature range</b>  | -10 <sup>o</sup> C~+70 <sup>o</sup> C |

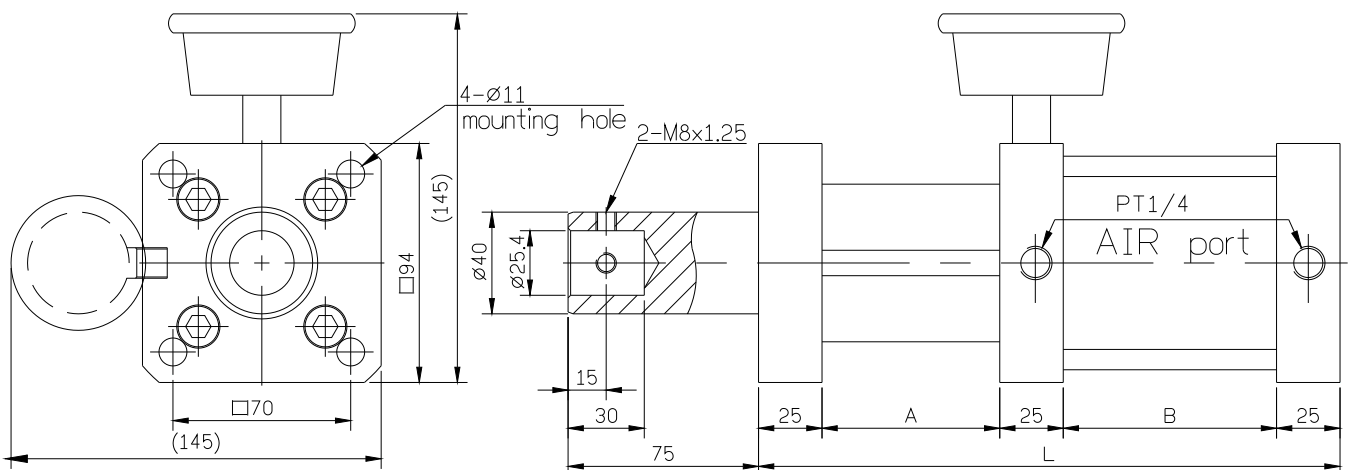


## How to Order:



## Theoretical output force:

| Model | Air pressure        | Pull force | Intensified push force | Intensified ratio |
|-------|---------------------|------------|------------------------|-------------------|
| BSD01 | 5kg/cm <sup>2</sup> | 35kg       | 1000kg                 | 10                |
|       | 6kg/cm <sup>2</sup> | 42kg       | 1200kg                 |                   |
|       | 7kg/cm <sup>2</sup> | 49kg       | 1400kg                 |                   |
| BSD02 | 5kg/cm <sup>2</sup> | 35kg       | 1600kg                 | 16                |
|       | 6kg/cm <sup>2</sup> | 42kg       | 1900kg                 |                   |
|       | 7kg/cm <sup>2</sup> | 49kg       | 2200kg                 |                   |
| BSD03 | 5kg/cm <sup>2</sup> | 35kg       | 2000kg                 | 25                |
|       | 6kg/cm <sup>2</sup> | 42kg       | 3000kg                 |                   |
|       | 7kg/cm <sup>2</sup> | 49kg       | 3500kg                 |                   |



|        | BSD01 |     |     | BSD02 |     |     | BSD03 |     |     |
|--------|-------|-----|-----|-------|-----|-----|-------|-----|-----|
| Stroke | 10    | 15  | 20  | 10    | 15  | 20  | 5     | 10  | 15  |
| L      | 229   | 249 | 269 | 254   | 284 | 314 | 239   | 284 | 364 |
| A      | 70    |     |     | 70    |     |     | 70    |     |     |
| B      | 84    | 104 | 124 | 109   | 139 | 169 | 94    | 139 | 189 |