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### **NSSF-254** [↗](#)

Hydraulic cylinder, 700 bar

BETEX NSSF Standard cylinder, single-acting, spring return, 25T class

## Technical information

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### Your current product variant

|         |      |                   |
|---------|------|-------------------|
| Series  | NSSS | Standard cylinder |
| Version | 25T  | Capacity class 25 |

### Technical data

|           |                     |                                   |
|-----------|---------------------|-----------------------------------|
|           | 25                  | Capacity class (tons)             |
| $s_p$     | 102 mm              | Stroke                            |
| $F_a$     | 269 kN              | Advance force, max.               |
| $P_{max}$ | 700 bar             | Operating pressure, max.          |
| $V_{oil}$ | 392 cm <sup>3</sup> | Oil capacity                      |
| A         | 216 mm              | Height, retracted                 |
| B         | 318 mm              | Height, extended                  |
| D         | 88 mm               | Outer diameter                    |
| E         | 70 mm               | Cylinder bore diameter            |
| F         | 55 mm               | Plunger diameter                  |
| H         | 25 mm               | Base to advance port              |
| J         | 50 mm               | Saddle diameter                   |
| K         | 10,5 mm             | Saddle protrusion from plunger    |
| O         | 1½"-16 UN           | Plunger female thread (UN)        |
| P         | 25,4 mm             | Plunger thread length             |
| U         | 58 mm               | Base mounting holes, bolt circle  |
| V         | 1/2"-13 UNC         | Base mounting holes, thread (UNC) |
| Z         | 19 mm               | Base mounting holes, thread depth |
| W         | 3 5/16"-12 UN       | Collar thread (UN)                |
| X         | 50 mm               | Collar thread, length             |
| ≈m        | 8,2 kg              | Weight                            |



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### Additional information

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Hard chrome plated and  
hardened piston,  
Rolled inside of cylinder,  
Sandblasted outside  
with black nitride coating,  
Coupling with dust cap

Product specifics