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26.04.2026, 17:00:30 UTC

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### **NSSF-1014** [↗](#)

Hydraulic cylinder, 700 bar

BETEX NSSF Standard cylinder, single-acting, spring return, 10T class

#### Technical information

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### Your current product variant

|         |      |                   |
|---------|------|-------------------|
| Series  | NSSS | Standard cylinder |
| Version | 10T  | Capacity class 10 |

### Technical data

|             |                     |                                   |
|-------------|---------------------|-----------------------------------|
|             | 10                  | Capacity class (tons)             |
| $s_p$       | 356,5 mm            | Stroke                            |
| $F_a$       | 111 kN              | Advance force, max.               |
| $P_{max}$   | 700 bar             | Operating pressure, max.          |
| $V_{oil}$   | 567 cm <sup>3</sup> | Oil capacity                      |
| A           | 451 mm              | Height, retracted                 |
| B           | 807,5 mm            | Height, extended                  |
| D           | 57 mm               | Outer diameter                    |
| E           | 45 mm               | Cylinder bore diameter            |
| F           | 38 mm               | Plunger diameter                  |
| H           | 19 mm               | Base to advance port              |
| J           | 40 mm               | Saddle diameter                   |
| K           | 6 mm                | Saddle protrusion from plunger    |
| O           | 1"-8 UN             | Plunger female thread (UN)        |
| P           | 19 mm               | Plunger thread length             |
| U           | 39 mm               | Base mounting holes, bolt circle  |
| V           | 5/16"-18 UNC        | Base mounting holes, thread (UNC) |
| Z           | 13 mm               | Base mounting holes, thread depth |
| W           | 2 1/4"-14 UN        | Collar thread (UN)                |
| X           | 30 mm               | Collar thread, length             |
| $\approx m$ | 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