



NSHS-302 [↗](#)

Hydraulic cylinder, 700 bar

BETEX NSHS Hollow-piston cylinder, single-acting, spring return, 30T class

Technical information



Your current product variant

| | | |
|---------|------|------------------------|
| Series | NSHS | Hollow piston cylinder |
| Version | 30T | Capacity class 30 |



Technical data

| | | |
|------------------|----------------------|-----------------------------------|
| | 30 | Capacity class (tons) |
| s _p | 65 mm | Stroke |
| A _p | 47,8 cm ² | Effective piston area |
| F _a | 334 kN | Advance force, max. |
| P _{max} | 700 bar | Operating pressure, max. |
| V _{oil} | 310 cm ³ | Oil capacity |
| A | 178,5 mm | Height, retracted |
| B | 243,5 mm | Height, extended |
| D | 117 mm | Outer diameter |
| E | 90 mm | Cylinder bore diameter |
| F | 65 mm | Plunger diameter |
| H | 21,5 mm | Base to advance port |
| J | 59,9 mm | Saddle diameter |
| K | 0,5 mm | Saddle protrusion from plunger |
| O | 1½"-16 UN | Plunger female thread (UN) |
| P | 25 mm | Plunger thread length |
| U | 92 mm | Base mounting holes, bolt circle |
| V | 3/8"-16 UN | Base mounting holes, thread (UNC) |
| Z | 14 mm | Base mounting holes, thread depth |
| W | 4½"-12 UN | Collar thread (UN) |
| X | 42 mm | Collar thread, length |
| Y | 34 mm | Center hole diameter |
| ≈m | 11 kg | Weight |

Additional information

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

Product specifics