



### 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 <sub>p</sub>	65 mm	Stroke
A <sub>p</sub>	47,8 cm <sup>2</sup>	Effective piston area
F <sub>a</sub>	334 kN	Advance force, max.
P <sub>max</sub>	700 bar	Operating pressure, max.
V <sub>oil</sub>	310 cm <sup>3</sup>	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