



NSHS-120 [↗](#)

Hydraulic cylinder, 700 bar

BETEX NSHS Hollow-piston cylinder, single-acting, spring return, 12T class

Technical information



Your current product variant

Series	NSHS	Hollow piston cylinder
Version	12T	Capacity class 12



Technical data

	12	Capacity class (tons)
s _p	8 mm	Stroke
A _p	18,5 cm ²	Effective piston area
F _a	129 kN	Advance force, max.
P _{max}	700 bar	Operating pressure, max.
V _{oil}	14,8 cm ³	Oil capacity
A	60 mm	Height, retracted
B	68 mm	Height, extended
D	73 mm	Outer diameter
E	54 mm	Cylinder bore diameter
F	35 mm	Plunger diameter
H	12,5 mm	Base to advance port
O	3/4"-16 UN	Plunger female thread (UN)
P	16 mm	Plunger thread length
U	50,8 mm	Base mounting holes, bolt circle
V	5/16"-18 UN	Base mounting holes, thread (UNC)
Z	9 mm	Base mounting holes, thread depth
W	2 3/4"-16 UN	Collar thread (UN)
X	33 mm	Collar thread, length
Y	19,5 mm	Center hole diameter
≈m	1,5 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