



NSHS-1003 [↗](#)

Hydraulic cylinder, 700 bar

BETEX NSHS Hollow-piston cylinder, single-acting, spring return, 100T class

Technical information



Your current product variant

Series	NSHS	Hollow piston cylinder
Version	100T	Capacity class 100



Technical data

	100	Capacity class (tons)
s _p	76 mm	Stroke
A _p	143 cm ²	Effective piston area
F _a	1.001 kN	Advance force, max.
P _{max}	700 bar	Operating pressure, max.
V _{oil}	1.085 cm ³	Oil capacity
A	254 mm	Height, retracted
B	330 mm	Height, extended
D	213 mm	Outer diameter
E	165 mm	Cylinder bore diameter
F	125 mm	Plunger diameter
H	38 mm	Base to advance port
J	125 mm	Saddle diameter
K	12 mm	Saddle protrusion from plunger
O	4"-16 UN	Plunger female thread (UN)
P	30 mm	Plunger thread length
U	178 mm	Base mounting holes, bolt circle
V	5/8"-11 UN	Base mounting holes, thread (UNC)
Z	19 mm	Base mounting holes, thread depth
W	8 3/8"-12 UN	Collar thread (UN)
X	60 mm	Collar thread, length
Y	79 mm	Center hole diameter
≈m	50,1 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