



NSHS-603 [↗](#)

Hydraulic cylinder, 700 bar

BETEX NSHS Hollow-piston cylinder, single-acting, spring return, 60T class

Technical information



Your current product variant

Series	NSHS	Hollow piston cylinder
Version	60T	Capacity class 60



Technical data

	60	Capacity class (tons)
s _p	76 mm	Stroke
A _p	89,6 cm ²	Effective piston area
F _a	627 kN	Advance force, max.
P _{max}	700 bar	Operating pressure, max.
V _{oil}	680 cm ³	Oil capacity
A	247,5 mm	Height, retracted
B	323,5 mm	Height, extended
D	158,6 mm	Outer diameter
E	125 mm	Cylinder bore diameter
F	90 mm	Plunger diameter
H	32 mm	Base to advance port
J	89 mm	Saddle diameter
K	12,5 mm	Saddle protrusion from plunger
O	2 3/4"-16 UN	Plunger female thread (UN)
P	25 mm	Plunger thread length
U	130 mm	Base mounting holes, bolt circle
V	1/2"-13 UN	Base mounting holes, thread (UNC)
Z	14 mm	Base mounting holes, thread depth
W	6 1/2"-12 UN	Collar thread (UN)
X	50 mm	Collar thread, length
Y	54 mm	Center hole diameter
≈m	26,4 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