



## NSHS-202 [↗](#)

Hydraulic cylinder, 700 bar

BETEX NSHS Hollow-piston cylinder, single-acting, spring return, 20T class

### Technical information



#### Your current product variant

Series	NSHS	Hollow piston cylinder
Version	20T	Capacity class 20



### Technical data

	20	Capacity class (tons)
s <sub>p</sub>	51 mm	Stroke
A <sub>p</sub>	34 cm <sup>2</sup>	Effective piston area
F <sub>a</sub>	238 kN	Advance force, max.
P <sub>max</sub>	700 bar	Operating pressure, max.
V <sub>oil</sub>	173 cm <sup>3</sup>	Oil capacity
A	162 mm	Height, retracted
B	213 mm	Height, extended
D	98,5 mm	Outer diameter
E	75 mm	Cylinder bore diameter
F	55 mm	Plunger diameter
H	19 mm	Base to advance port
J	54 mm	Saddle diameter
K	7 mm	Saddle protrusion from plunger
O	1 9/16"-16 UN	Plunger female thread (UN)
P	25 mm	Plunger thread length
U	82,6 mm	Base mounting holes, bolt circle
V	3/8"-16 UN	Base mounting holes, thread (UNC)
Z	9,4 mm	Base mounting holes, thread depth
W	3/8"-12 UN	Collar thread (UN)
X	38 mm	Collar thread, length
Y	27 mm	Center hole diameter
≈m	7,5 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