



View product details on medias

19.06.2026, 10:39:11 UTC

SCHAEFFLER



NSSS-2512 [↗](#)

Hydraulic cylinder, 700 bar

BETEX NSSS Standard cylinder, single-acting, spring return, 25T class

Technical information



Your current product variant

Series	NSSS	Standard cylinder
Version	25T	Capacity class 25

Technical data

	25	Capacity class (tons)
s_p	311 mm	Stroke
F_a	269 kN	Advance force, max.
P_{max}	700 bar	Operating pressure, max.
V_{oil}	1.196 cm ³	Oil capacity
A	425,5 mm	Height, retracted
B	736,5 mm	Height, extended
D	88 mm	Outer diameter
E	70 mm	Cylinder bore diameter
F	55 mm	Plunger diameter
H	25 mm	Base to advance port
J	50 mm	Saddle diameter
K	10,5 mm	Saddle protrusion from plunger
O	1½"-16 UN	Plunger female thread (UN)
P	25,4 mm	Plunger thread length
U	58 mm	Base mounting holes, bolt circle
V	1/2"-13 UNC	Base mounting holes, thread (UNC)
Z	19 mm	Base mounting holes, thread depth
W	3 5/16"-12 UN	Collar thread (UN)
X	50 mm	Collar thread, length
≈m	16,3 kg	Weight



View product details on medias

19.06.2026, 10:39:11 UTC

SCHAEFFLER

Additional information

Hard chrome plated and
hardened piston,
Rolled inside of cylinder,
Sandblasted outside
with black nitride coating,
Coupling with dust cap

Product specifics