



View product details on medias

27.06.2026, 15:10:00 UTC

SCHAEFFLER



### **NSSF-1012** [↗](#)

Hydraulic cylinder, 700 bar

BETEX NSSF Standard cylinder, single-acting, spring return, 10T class

#### Technical information

---



## Your current product variant

Series	NSSS	Standard cylinder
Version	10T	Capacity class 10

## Technical data

	10	Capacity class (tons)
$s_p$	305,5 mm	Stroke
$F_a$	111 kN	Advance force, max.
$P_{max}$	700 bar	Operating pressure, max.
$V_{oil}$	486 cm <sup>3</sup>	Oil capacity
A	400 mm	Height, retracted
B	705,5 mm	Height, extended
D	57 mm	Outer diameter
E	45 mm	Cylinder bore diameter
F	38 mm	Plunger diameter
H	19 mm	Base to advance port
J	40 mm	Saddle diameter
K	6 mm	Saddle protrusion from plunger
O	1"-8 UN	Plunger female thread (UN)
P	19 mm	Plunger thread length
U	39 mm	Base mounting holes, bolt circle
V	5/16"-18 UNC	Base mounting holes, thread (UNC)
Z	13 mm	Base mounting holes, thread depth
W	2 1/4"-14 UN	Collar thread (UN)
X	30 mm	Collar thread, length
≈m	6,8 kg	Weight



View product details on medias

27.06.2026, 15:10:00 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