

# One-Touch Coupler

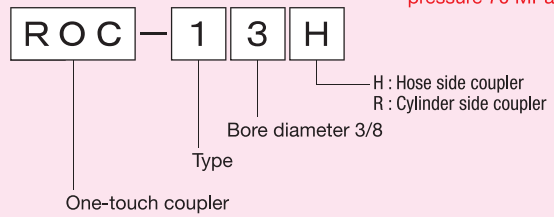
- One-touch mounting/dismounting by finger.
- Air does not enter while connecting the coupler.
- Pressure can be applied while in the detached condition.
- Equipped with a lock mechanism to prevent detaching.
- The H coupler is mounted to the hose side and the R coupler to the cylinder side.
- FKM (fluoro rubber) is used in the internal packing.

## ⚠ Instructions for use:

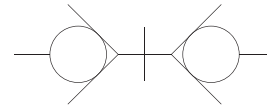
- The one-touch coupler must not be used in a hydraulic circuit in which a shock occurs due to large pressure fluctuation caused by blanking and punching, for example. (The NS-1 type should be used.)
- The one-touch coupler cannot be connected in a place where there is a pressure. (The pressure inside the cylinder or the hose may increase depending on the ambient temperature.)
- The setting sleeve should be rotated after connecting the one-touch coupler for locking to prevent it from falling off.
- When the one-touch coupler is used attached to both ends of the hose, the pressure inside the hose could increase due to the effects of changes in the ambient temperature, preventing a proper connection.

## Description of the type

Maximum operating pressure 70 MPa



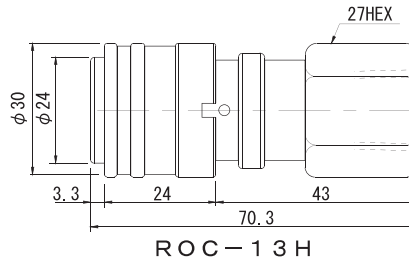
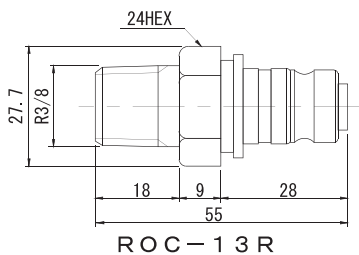
## Hydraulic designation (connected status)



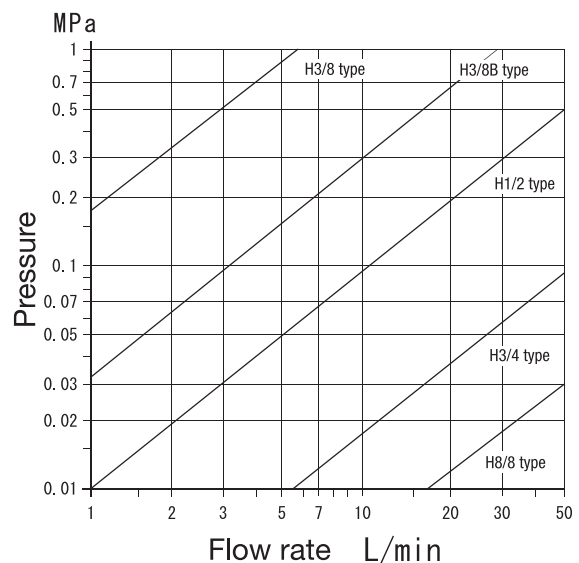
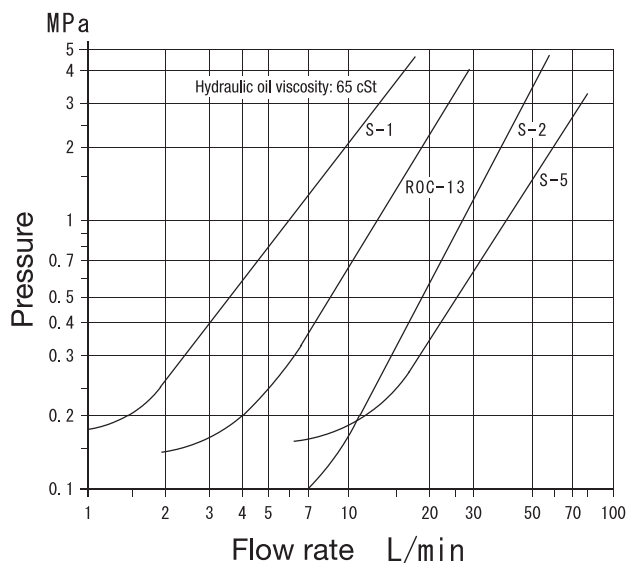
ROC-13R



ROC-13H



## ■ Characteristics of pressure loss of couplers and high-pressure hoses



※The graph shows the pressure loss per 10 m of the high-pressure hose.  
 ※The pressure loss in the hardware is calculated at approx. 1/20 per piece.