

For Air

# Rotary Nut Cupla

Coupling with swivel function for mounting on urethane hose

Working pressure



1.5 MPa  
(15 kgf/cm<sup>2</sup>)

Valve structure



One-way shut-off

Applicable fluid



Air



## Swivel mechanism prevents hose twist!

- Ball bearing swivel mechanism prevents hose twist and relieves tension on operator's hands.
- To mount on hose, simply slide it over the nipple and tighten the nut.
- Hose guard nut to prevent hose kink as the standard feature (SNRG Model).
- Will not catch or snag on anything unlike conventional hose clamp with screw whilst moving around the work area.

### Specifications

Body material	Steel (Chrome-plated)			
Size	For $\phi 6.5$ mm x $\phi 10$ mm • $\phi 8.5$ mm x $\phi 12.5$ mm polyurethane hose			
Working pressure MPa (kgf/cm <sup>2</sup> )	1.5 (15)			
Pressure resistance MPa (kgf/cm <sup>2</sup> )	2.0 (20)			
Seal material	Seal material	Mark	Working temperature range	Remarks
Working temperature range	Nitrile rubber	NBR (SG)	-5°C~+60°C	Standard material

### Tightening Torque Range

N·m (kgf·cm)

Model	65 • 85SNR Type	65SNRG Type	85SNRG Type
Torque	9~11 (92~112)	5~6 (51~61)	7~8 (71~82)

### Flow Direction

Fluid must run from socket to plug.



### Interchangeability

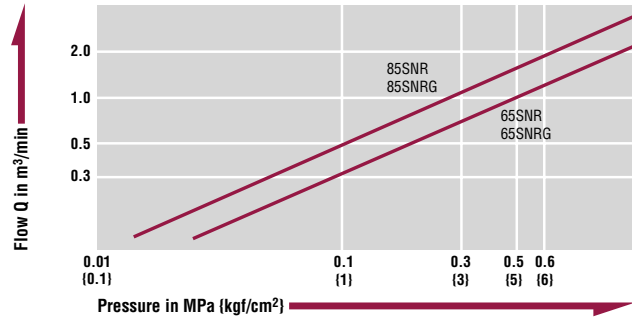
Can be connected with plugs of Hi Cupla Models 20, 30 and 40.  
Interchangeable with each corresponding Hi Cupla Series models.

### Suitability for Vacuum

Not suitable for vacuum application in either connected or disconnected condition.

### Pressure - Flow Characteristics

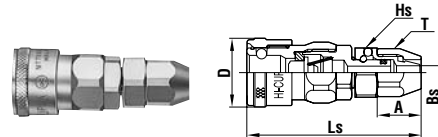
[Test conditions] • Fluid : Air • Temperature : Room temperature



### Models and Dimensions

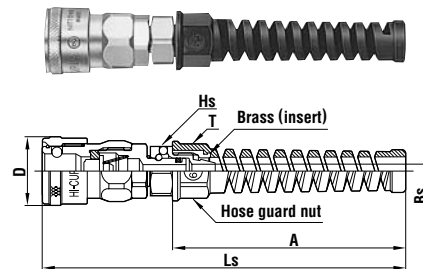
WAF : WAF stands for width across flats.

#### Socket SNR type (For hose connection)



Model	Application (Hose)	Mass (g)	Dimensions (mm)					
			Ls	A	øD	øBs	Hs(WAF)	T(WAF)
65SNR	$\phi 6.5$ mm x $\phi 10$ mm	120	67.3	17	26.5	5.3	Hex.19	Hex.17
85SNR	$\phi 8.5$ mm x $\phi 12.5$ mm	136	69.3	19	26.5	7.5	Hex.21	Hex.19

#### Socket SNRG type (For hose with hose guard nut connection)



Model	Application (Hose)	Mass (g)	Dimensions (mm)					
			Ls	A	øD	øBs	Hs(WAF)	T(WAF)
65SNRG	$\phi 6.5$ mm x $\phi 10$ mm	121	140.3	90	26.5	5.3	Hex.19	Hex.19
85SNRG	$\phi 8.5$ mm x $\phi 12.5$ mm	139	140.3	90	26.5	7.5	Hex.21	Hex.21