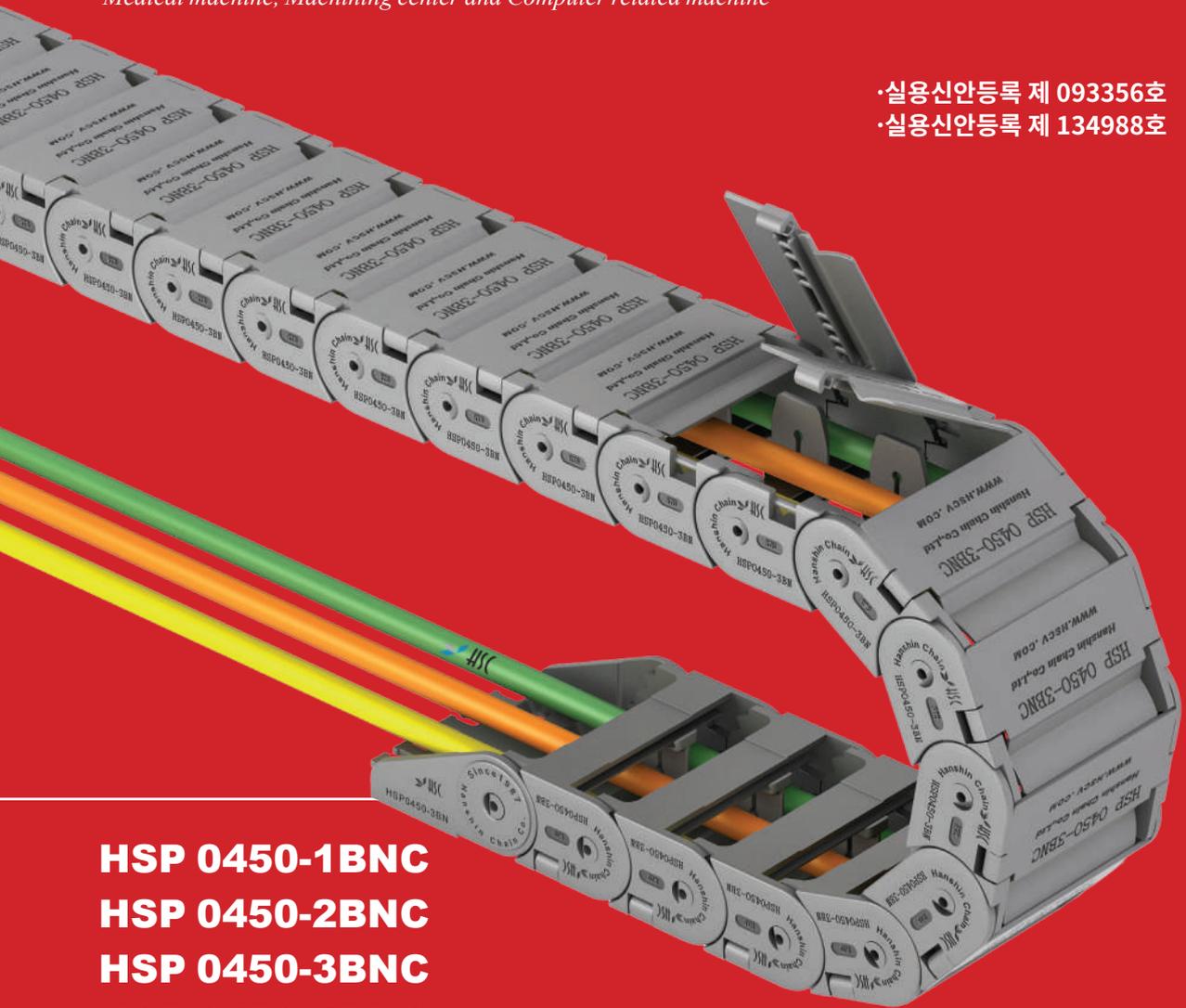


HSP NC type

자동화기계, 반도체, 전자, 목공기계, 식품기계, 취출로봇, 섬유기계, 특장차
자동차생산설비, 의료기계, 각종 공작기계 및 컴퓨터 관련기에 적용.

*Factory automation, Wood work machine, Food processing, Grabbing-and-
extracting robot, Fabric machine, Special purpose vehicle, Automobile industry,
Medical machine, Machining center and Computer related machine*

- 실용신안등록 제 093356호
- 실용신안등록 제 134988호



HSP 0450-1BNC
HSP 0450-2BNC
HSP 0450-3BNC
HSP 0450-4BNC

☑ Features

- 본체는 개폐형으로 Cable, Hose의 설치가 쉽습니다.
- 경량이어서 움직임이 원활합니다.
- Divider가 좌우로 움직입니다.
- 150여종의 다양한 모델과 특수 규격도 주문가능합니다.
- 자동화기계, 목공기계, 식품기계, 산업용로봇 등 다방면에 적합한 모델입니다.
- *HSP-C type provides cover lead for easy installation of cables and hoses.*
- *Its light weight provides prompt movement.*
- *Divider is adjustable.*
- *Applicable for factory automation, wood work, food processing, industrial robot and many more.*
- *150 various models are manufactured.*
- *Special orders can be made.*

☑ Operation

HSPNC Type은 플라스틱 RoboChain으로 케이블 및 호스의 인입을 용이하게 하는 개폐형으로 설계 되어있습니다. HSPNC Type의 RoboChain은 모든 구성품이 고강도 엔지니어링 플라스틱으로 설계 제작되어 소음이 적고, 깨끗하며 작고, 가벼운 장점이 있습니다. 특히 HSP 0450-1BNC이상의 Type은 Divider를 부착하여 사용할 수 있습니다. HSPNC Type은 전자기계, 산업용 로봇 공작기계 및 다방면에 사용되는 이상적인 장치입니다.

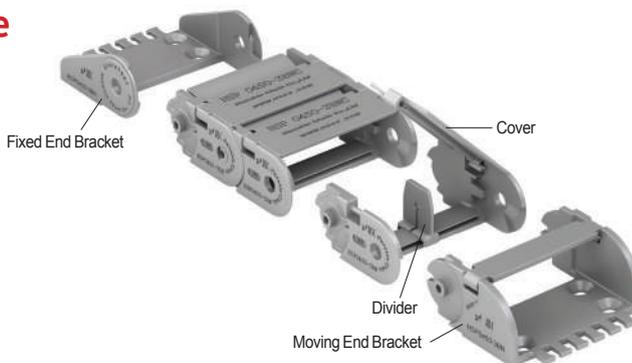
Cover in HSP-C Type provides easy access and installation of cables and hoses. All parts are made of highly durable engineering plastic. Therefore, it features less noise, good appearance and light weight. In particular, HSP 0450-1BNC and higher types accommodate divider.

This type is applicable for many areas such as electronic and electrical machine, industrial robot, machine center and many more.

☑ Properties

- 운동속도 : 180m/min이하
- 케이블 호스의 직경 : 22mm 이하
- 사용온도 : -25 ~ 100°C
- 장력 : 190 (건조), 120 (공기습도) N/mm²
- 인장 팽창 : 4 (건조), 6 (공기습도) %
- 탄성계수 : 10000 (건조), 7000 (공기습도) N/mm²
- 미끄럼 마찰 : 0.4 (무윤활시)
- 기본색 : Black (칼라 주문가능)
- 재질 : 엔지니어링 플라스틱
- *Moving Velocity : below 180m/min*
- *Diameter of Cable Hose : less than 22mm*
- *Operating Temperature : -25 ~ 100°C*
- *Tension : 190 (in dry), 120 (in moisture) N/mm²*
- *Stretch : 4 (in dry), 6 (in moisture) %*
- *Elasticity : 10000 (in dry), 7000 (in moisture) N/mm²*
- *Sliding Friction : 0.4 (non-greased)*
- *Basic Color : Black*
- *Material : Engineering Plastic*

☑ Structure

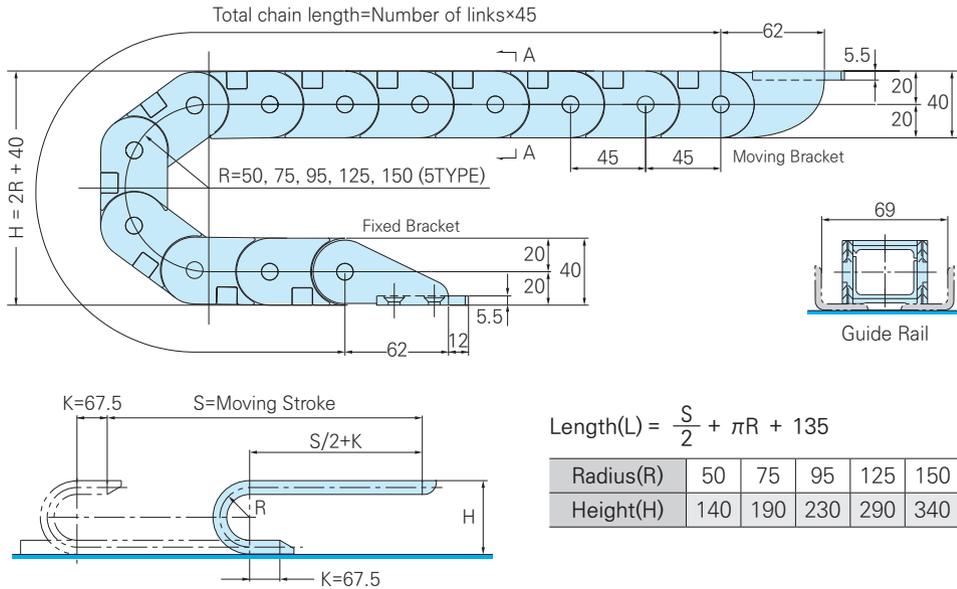


HSP 0450-1BNC

ORDER EXAMPLE

HSP0450-1BNC 150R 2000L 3SETS
 Type Radius Length Q'ty

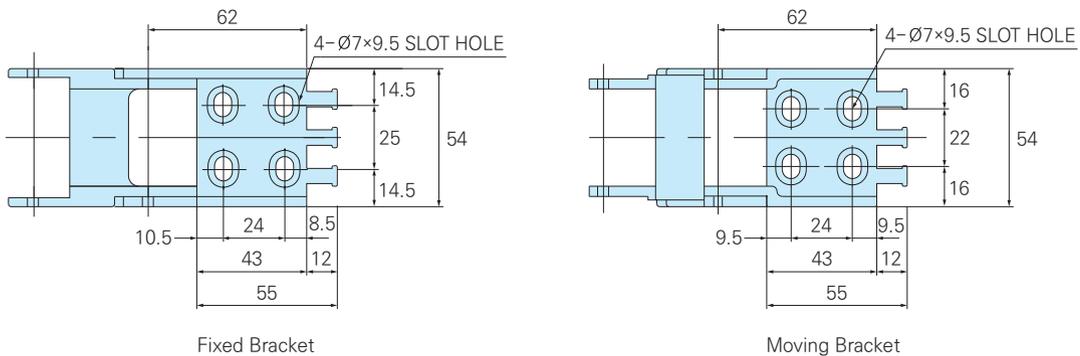
Chain, Guide Rail



Max. Cable Diameter Cross Section



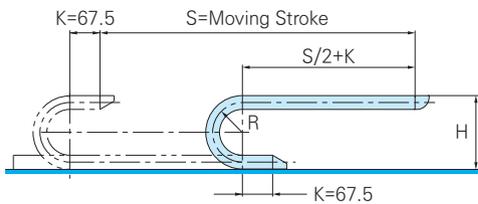
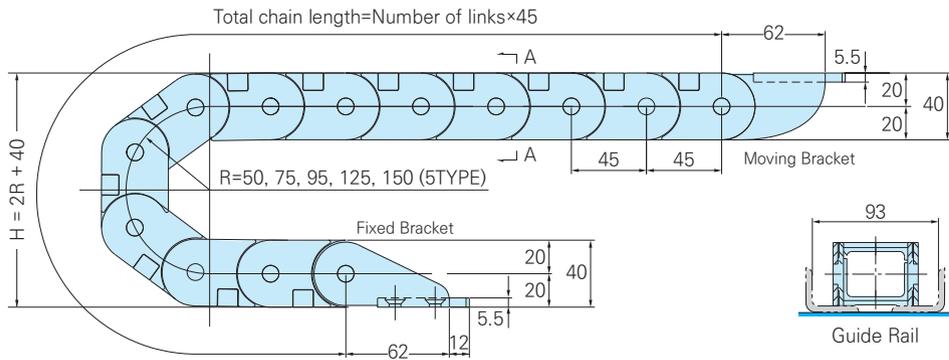
Brackets



HSP 0450-2BNC

ORDER EXAMPLE
 HSP0450-2BNC 150R 2000L 3SETS
 Type Radius Length Q'ty

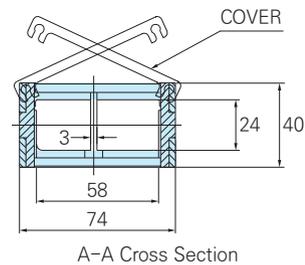
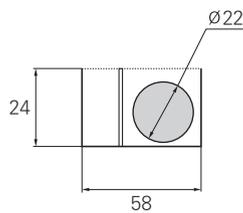
Chain, Guide Rail



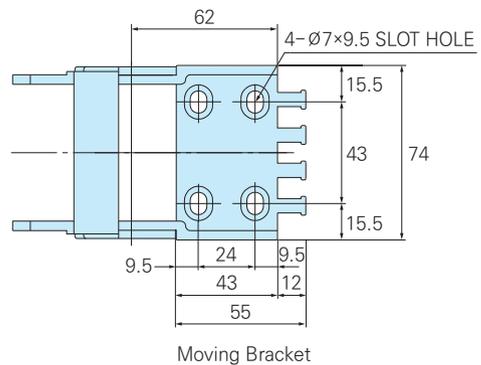
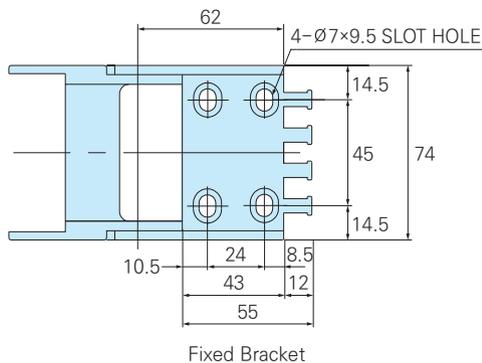
$$\text{Length}(L) = \frac{S}{2} + \pi R + 135$$

Radius(R)	50	75	95	125	150
Height(H)	140	190	230	290	340

Max. Cable Diameter Cross Section



Brackets

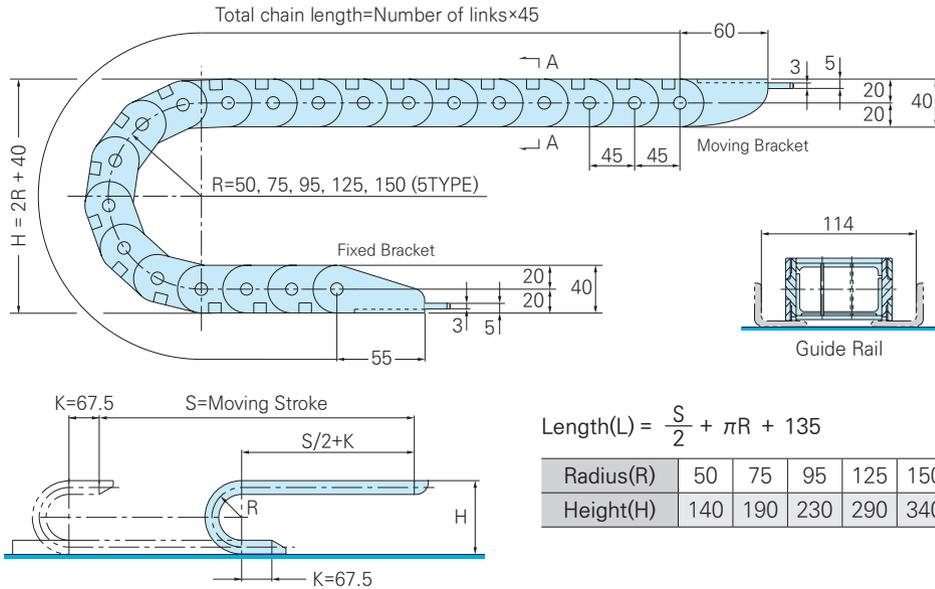


HSP 0450-3BNC

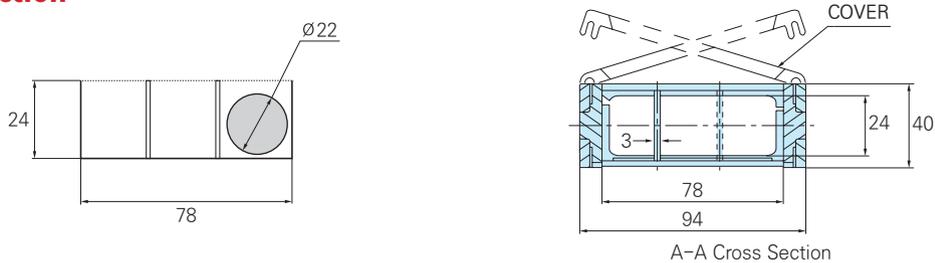
ORDER EXAMPLE

HSP0450-3BNC 50R 2000L 3SETS
 Type Radius Length Q'ty

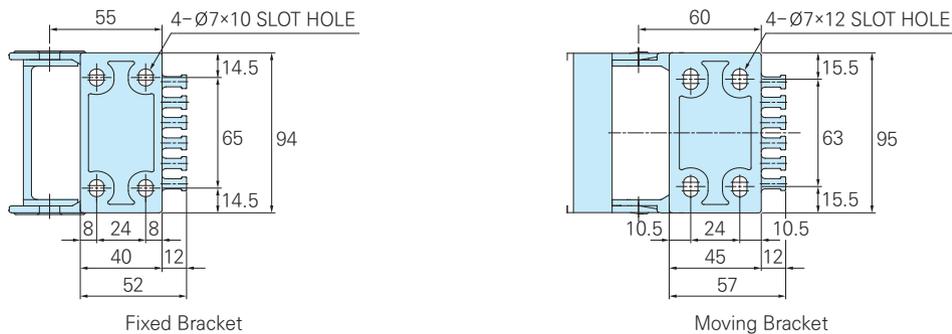
Chain, Guide Rail



Max. Cable Diameter Cross Section



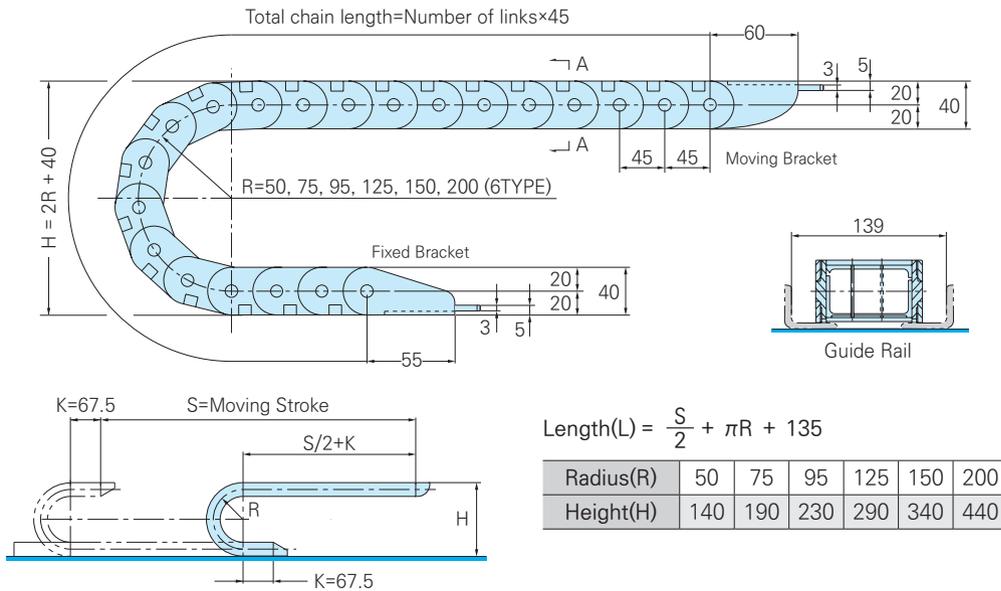
Brackets



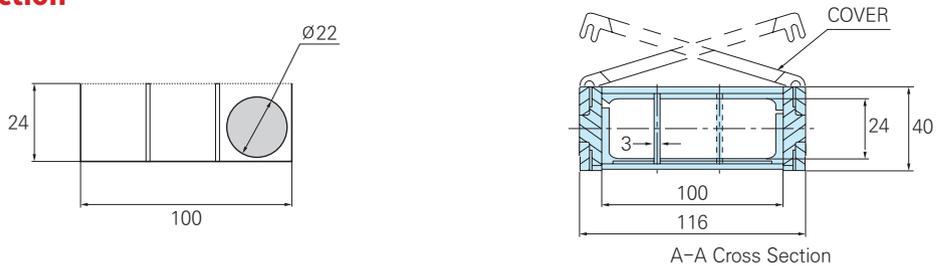
HSP 0450-4BNC

ORDER EXAMPLE
 HSP0450-4BNC 150R 3000L 3SETS
 Type Radius Length Q'ty

Chain, Guide Rail



Max. Cable Diameter Cross Section



Brackets

