

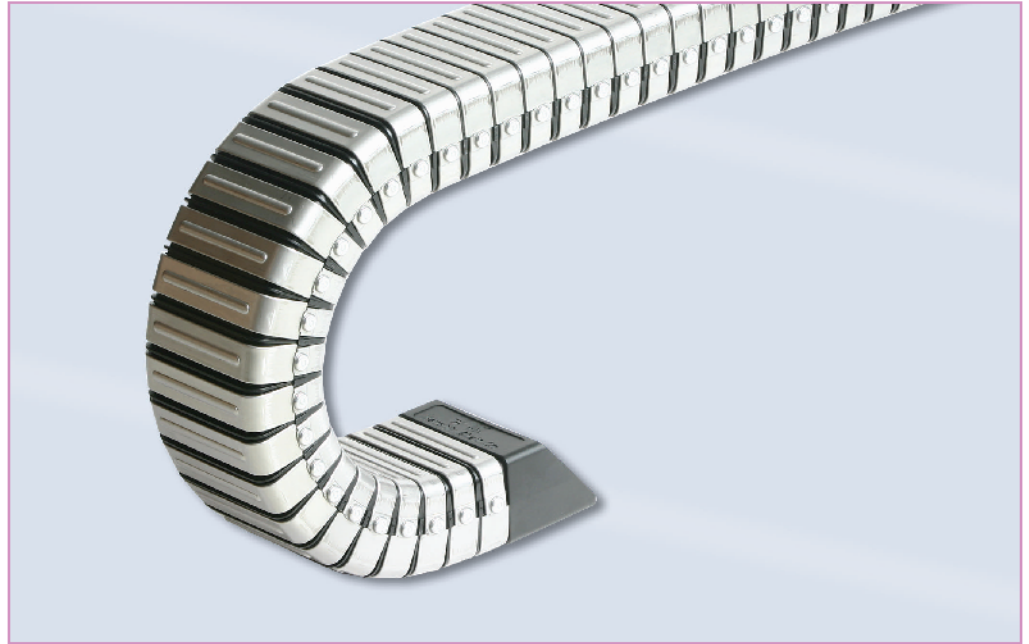
HSF type

HSF 055

HSF 085

HSF 115

HSF 175



· 실용신안등록 제079296호

● 용도 Application

공작기계, 산업용기계, 목공기계, 산업용로봇 등 CNC 기계에 적용.

Applicable for CNC machines used in Machining center, Industrial robot, Wood work machine and so forth.

● 특징 Features

- 닥트형이기 때문에 먼지 등 이물질이 들어가지 못하므로 Cable, Hose를 완전히 보호합니다.
- 스테인레스 스틸이기 때문에 외관이 미려합니다.
- 안쪽은 엔지니어링 프라스틱으로 절연체 입니다.
- 부분 보수가 가능합니다.
- 12종의 다양한 모델이 구비되어 있습니다.

- *Best protection from dust and residual substances.*
- *Stainless steel structure gives good appearances.*
- *Engineering plastic is used in inside structure to provide insulation.*
- *Partial maintenance is possible.*
- *12 different model are manufactured.*

● 운용환경 Operation

HSF Type의 RoboChain는 외부로부터 먼지나 이물질의 침투를 막아 케이블이나 호스를 보호하도록 설계 제작되어 있습니다.

한편 Lock Pin을 이용하여 길이 조정 및 보수를 쉽게하실 수 있습니다.

HSF Type은 Cable, Hose의 사용을 허용면적의 70% 이내에 설계하여 주십시오.

Duct structure of HSF prevents cable and hose from dust and residuals.

Easy adjustment and maintenance is possible using lock pin.

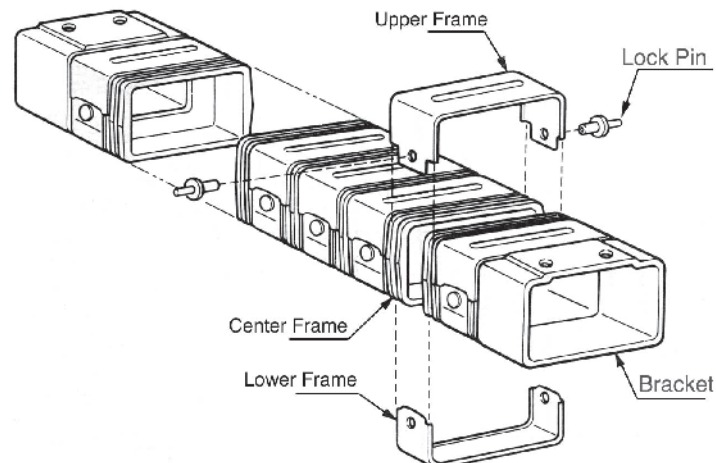
In particular, system designer should pay attention for cable and hose area not to exceed 70% of allowable area.

● 주요제원 Properties

- 운동속도: 90m/min 이하
- 케이블 호스의 직경: 60mm 이하
- 사용온도: -25 ~ 100°C
- 기본색: 은백색
- 재질: Stainless Steel, 엔지니어링 플라스틱

- Moving Velocity: below 90m/min
- Diameter of Cable Hose: less than 60mm
- Operating Temperature: -25 ~ 100°C
- Basic Color: Silver White
- Material: Stainless steel, Engineering plastic

● 구조와명칭 Structure



Order Example (주문예)

HSF055

100R

1500L

3SETS

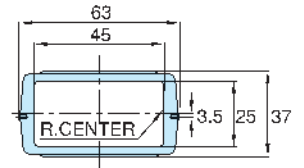
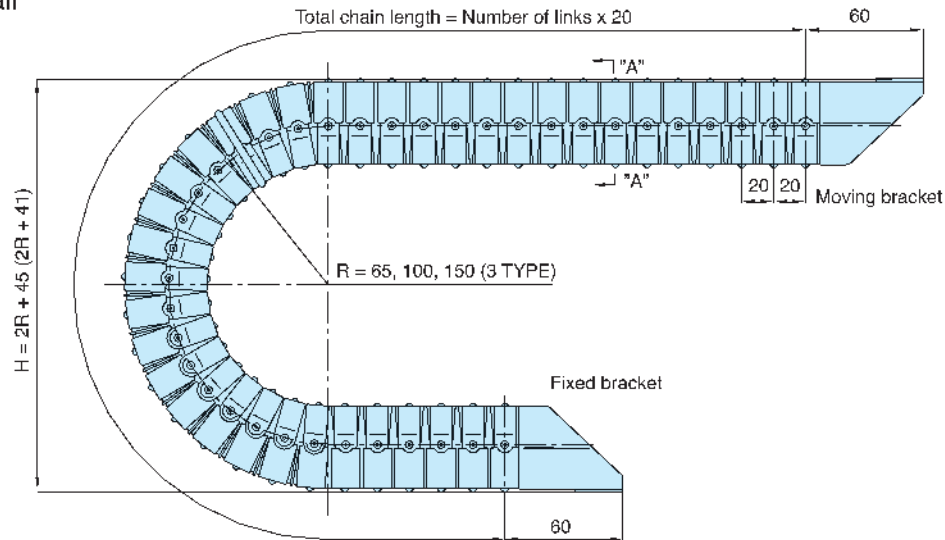
Type

Radius

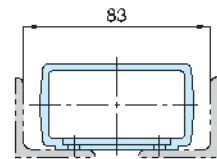
Length

Q'ty

Chain, Brackets, Guide Rail



A-A Cross Section



Guide Rail

Order Example (주문예)

HSF085

250R

2000L

3SETS

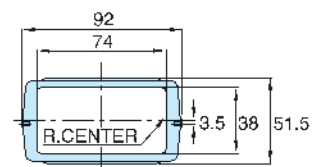
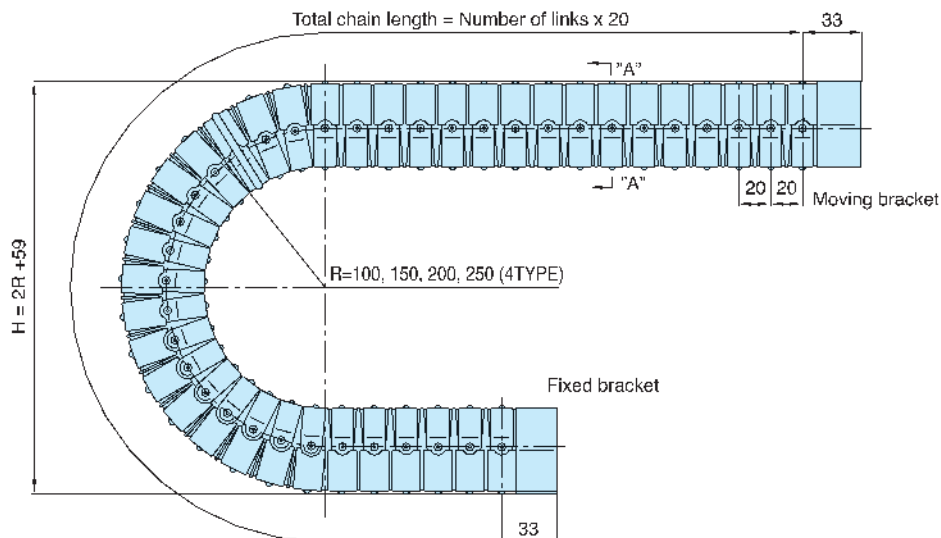
Type

Radius

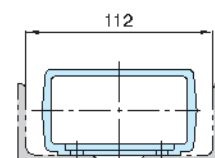
Length

Q'ty

Chain, Brackets, Guide Rail



A-A Cross Section



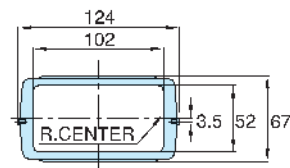
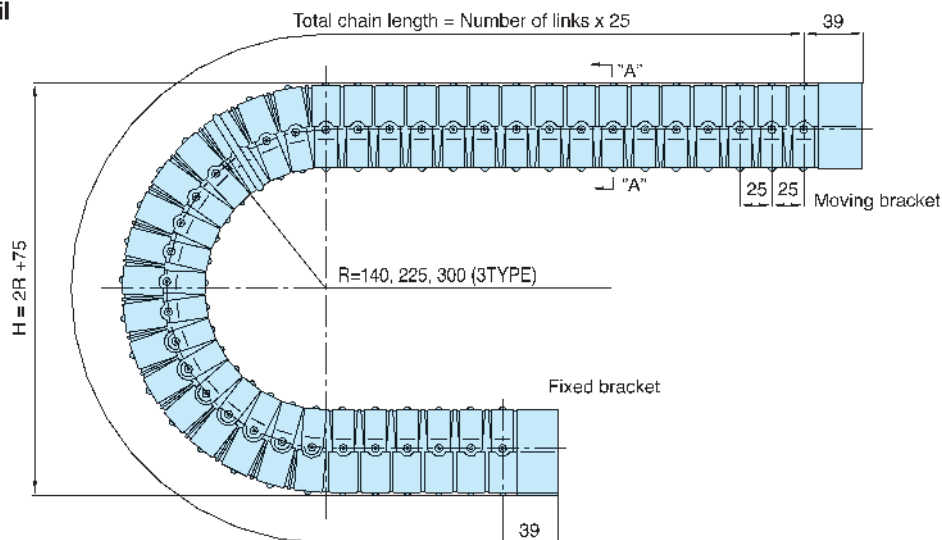
Guide Rail

HSF 115

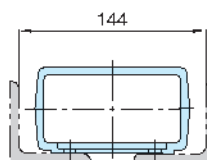
Order Example (주문예)

HSF115	300R	2500L	3SETS
Type	Radius	Length	Q'ty

- Chain, Brackets, Guide Rail



A-A Cross Section



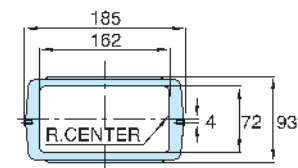
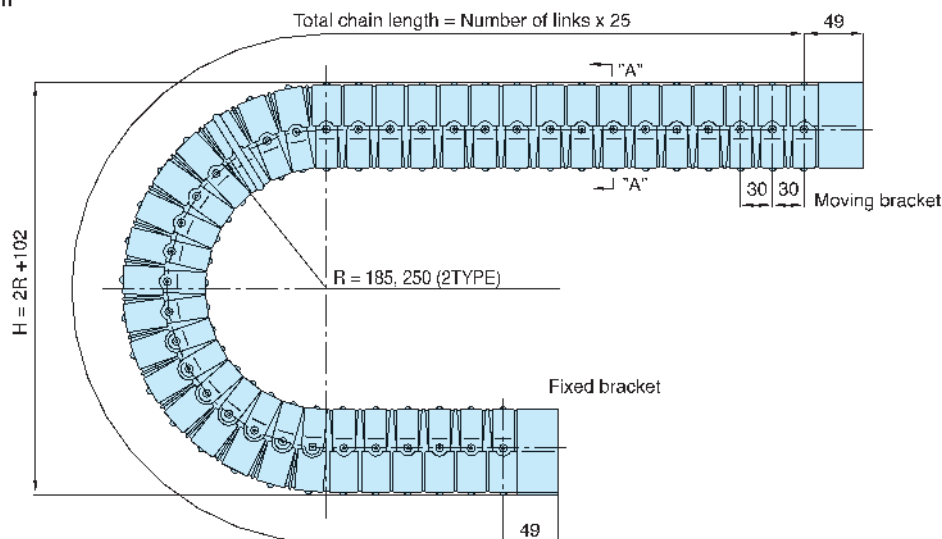
Guide Rail

HSF 175

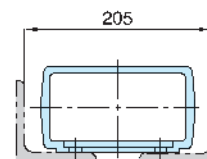
Order Example (주문예)

HSF175	250R	2750L	3SETS
Type	Radius	Length	Q'ty

- Chain, Brackets, Guide Rail

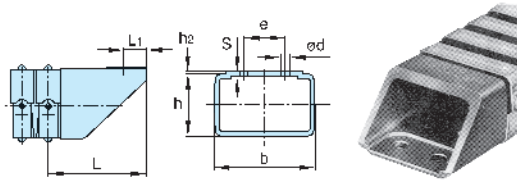


A-A Cross Section



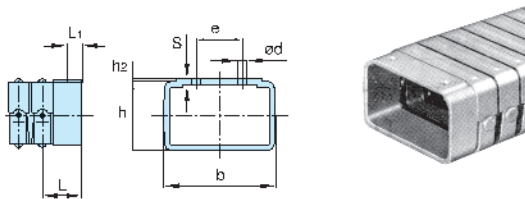
Guide Rail

A Type Only



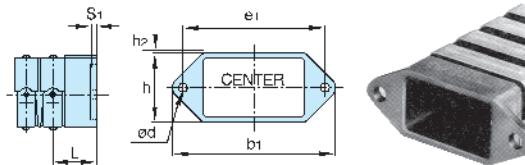
Type	b	h	h2	d	e	L	L1	S
HSF055	55.5	34	2	7	22	60	12.5	4.5
HSF085	84.3	52	5.5	7	35	75	17	5.5
HSF115	117.8	63	4	9	49	96	25	6
HSF175	181	90	9	11	95	110	25	9

A Type



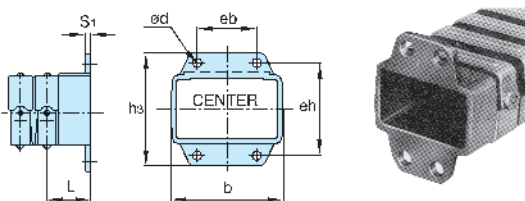
Type	b	h	h2	d	e	L	L1	S
HSF055								
HSF085	85	48.5	2	7	50	33	10	3.5
HSF115	117.5	63	2.5	9	65	39	10	3.5
HSF175	181	88	3	11	100	49	14	5.5

B Type



Type	b1	h	h2	d	e1	L	S1
HSF055	90	34	0	7	75	29.5	4
HSF085	123	48.5	2	7	107	37	6
HSF115	165	63	2.5	9	146	44	6
HSF175	231	88	3	11	205	55	8

C Type



Type	b	h3	d	eb	eh	L	S1
HSF055	55.5	70	7	18	55	29.5	4
HSF085	85	85	7	45	70	37	6
HSF115	117.5	110	9	60	90	44	6
HSF175	181	144	11	95	118	55	8

1		2		3	
4		5		6	
7		8		9	

● 능력선도 (HSF) Capability Graph

