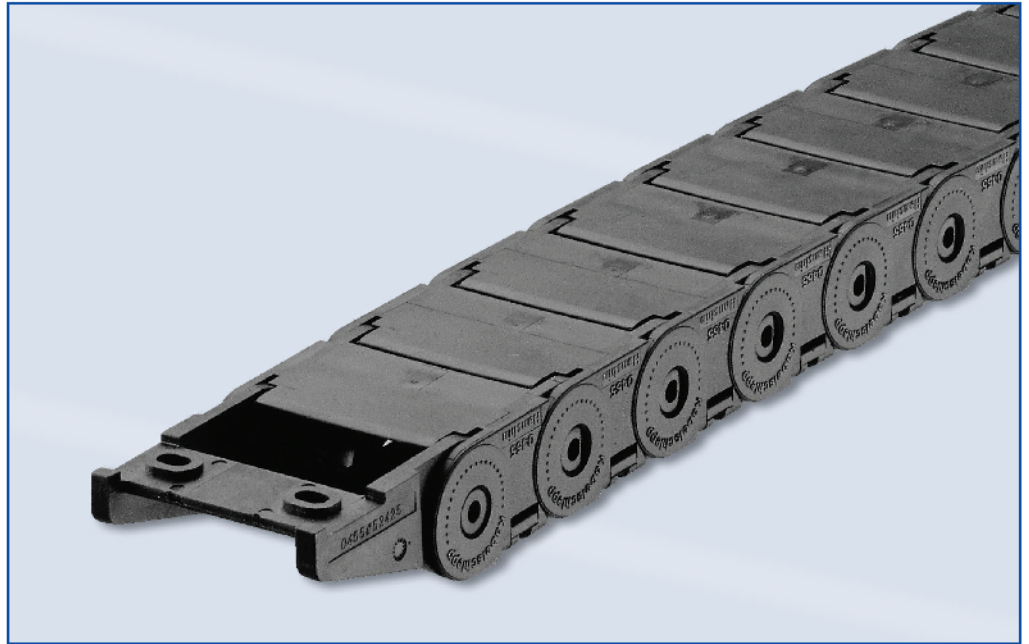


HSC type

KABELSCHLEPP

HSC 0345
HSC 0455
HSC 0555
HSC 0665



● 용도 Application

공작기계, 용접 ROBOT, 자동차산업, 목공기계, 반도체생산설비, 철강설비에 적용

Machining center, Soldering robot, Automobile industry, Wood work machine, Semi-conductor production facility, Still mill industry

● 특징 Features

- 밀폐형으로 이물질로부터 Cable, Hose를 보호할 수 있습니다.
 - 경량이어서 움직임이 원활합니다.
 - 본체의 Cover가 안쪽으로 개폐되어 Cable, Hose의 설치가 쉽습니다.
 - 200여종의 다양한 모델이 있습니다.
 - End Bracket에 Cable, Hose 고정용 Clamp가 있어서 고정용 Tie를 이용할 경우 꼬임을 방지할 수 있습니다.
- *Insulation design prevents cable and hose from alien materials.*
 - *Since it is light, movement is prompt.*
 - *Body cover can be open for easy installation of cable and hose.*
 - *200 various models are manufactured. Also special order can be taken place.*
 - *Clamp at the end bracket for fixing cable and hose with tie prevents twists.*

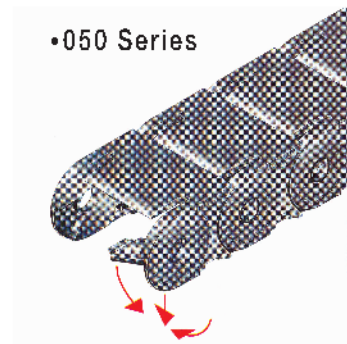
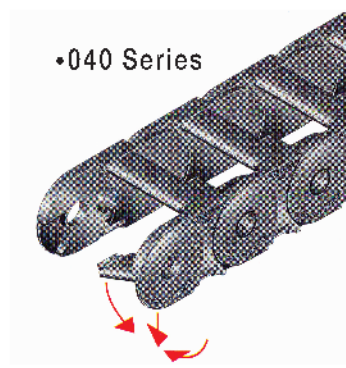
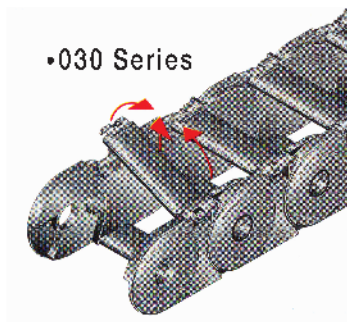
● 운용환경 Operation

HSC Type 의 RoboChain는 모든 구성품이 고강도 엔지니어링 플라스틱으로 설계 제작되어 소음이 적고, 깨끗하며 작고, 가벼운 장점이 있습니다. 특히 밀폐형으로 이물질로부터 Cable, Hose 보호에 적합합니다.

*All parts of HSC type cableveypr are made of very high strength engineering plastic, and it is designed for reducing noise, clean and small, and light weight.
In particular, insulation design can prevent cable and hose from alien materials.*

● 주요제원 Properties

- 운동속도 : 300m/min이하 (Freespan내)
 - 사용온도 : -40 ~ 100°C
 - 난연등급 : VDE 0304 PART3 (05,70) Class II C, 94-HB.
 - 기본색 : Black
 - 재질 : 엔지니어링 플라스틱
- Moving Velocity: below 300m/min (within freespan)
 - Operating Temperature: -40 ~ 100°C
 - Basic Color: Black
 - Material: Engineering Plastic

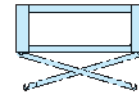
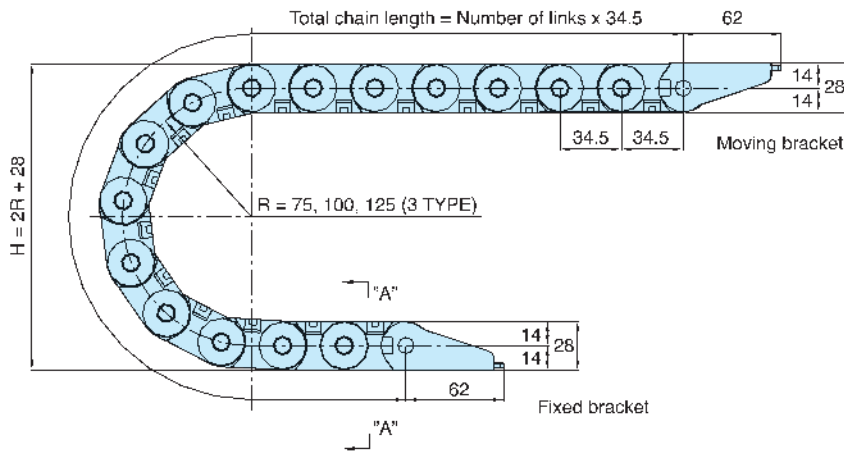


KABELSCHLEPP HSC 0345

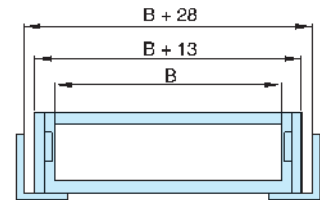
Order Example (주문예)

HSC0345	75R	B38	1311L	10SET
Type	Radius	Width	Length	Q'ty

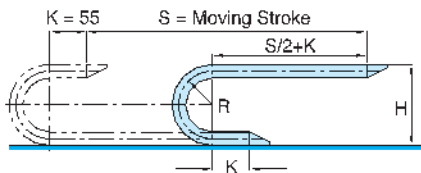
Chain,
Guide Rail



Openable Lower Cover



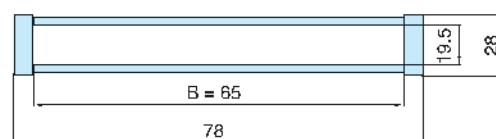
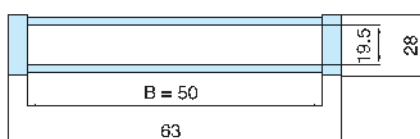
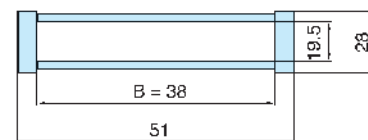
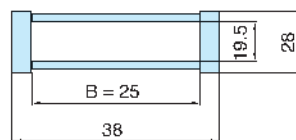
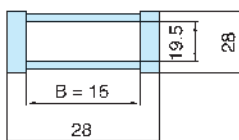
Guide Rail



• Length $L = \frac{S}{2} + \pi R + 110$

• Radius	R	75	100	125
• Height	H	178	228	278

Cross Section
A-A

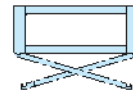
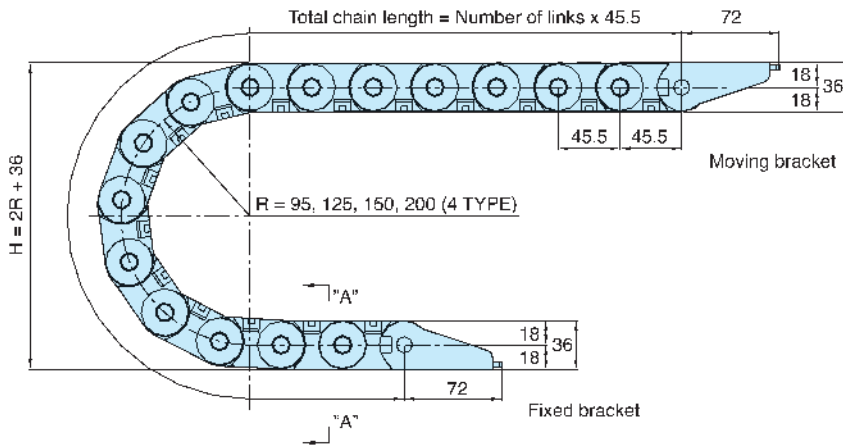


KABELSCHLEPP
HSC 0455

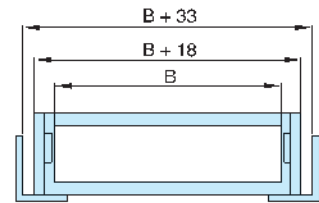
Order Example (주문예)

HSC0455	125R	B78	1547L	6SET
Type	Radius	Width	Length	Qty

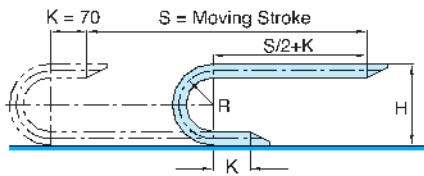
Chain,
Guide Rail



Openable Lower Cover



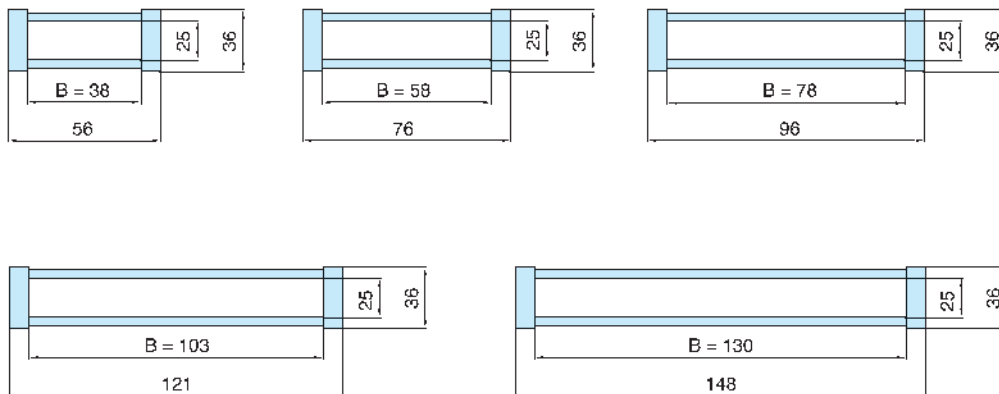
Guide Rail



• Length $L = \frac{S}{2} + \pi R + 140$

• Radius	R	95	125	150	200
• Height	H	226	286	336	436

Cross Section
A-A

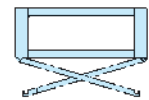
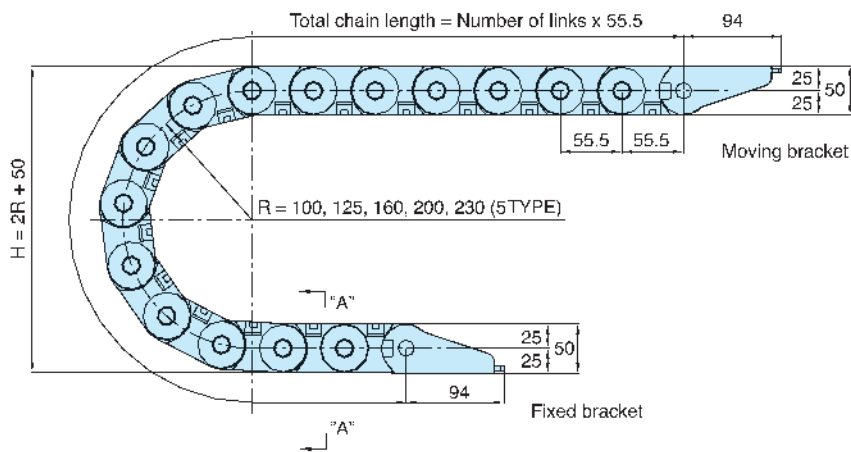


KABELSCHLEPP HSC 0555

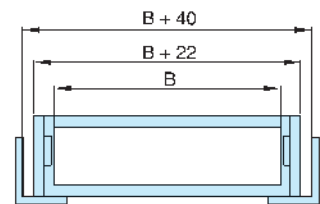
Order Example (주문예)

HSC0555	160R	B125	1665L	5SET
Type	Radius	Width	Length	Q'ty

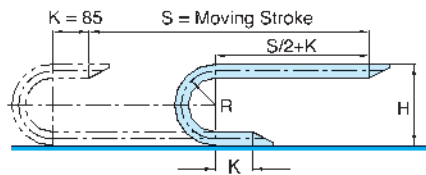
Chain, Guide Rail



Openable Lower Cover



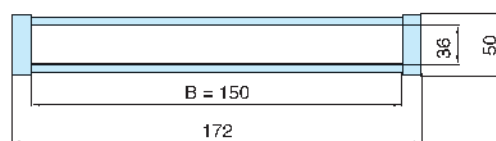
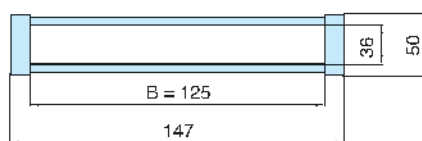
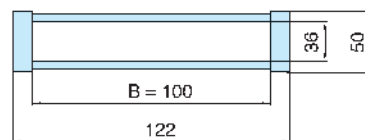
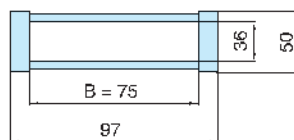
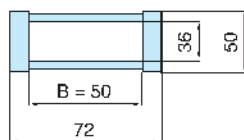
Guide Rail



• Length $L = \frac{S}{2} + \pi R + 170$

• Radius	R	100	125	160	200	300
• Height	H	250	280	370	450	650

Cross Section A-A

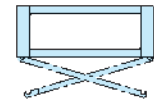
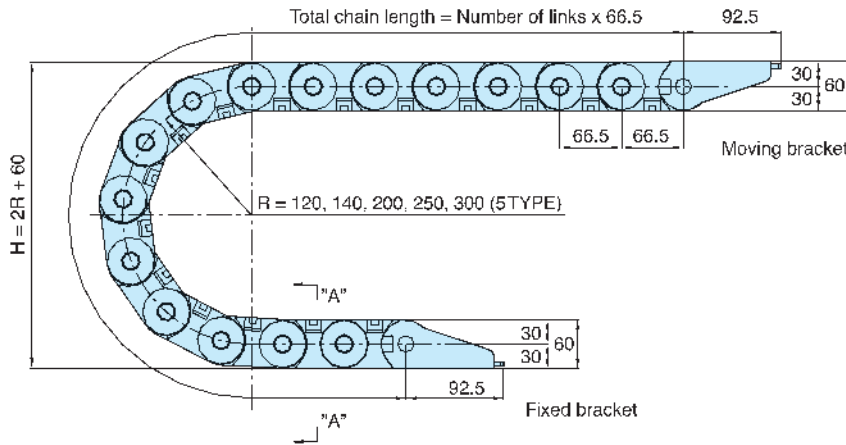


KABELSCHLEPP HSC 0665

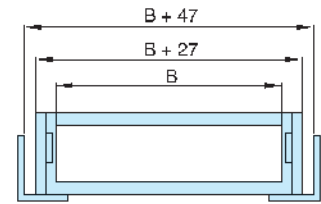
Order Example (주문예)

HSC0665	250R	B175	1729L	5SET
Type	Radius	Width	Length	Qty

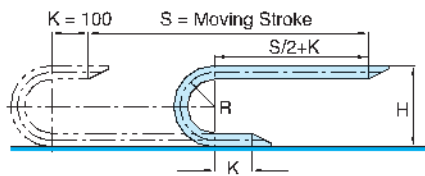
Chain, Guide Rail



Openable Lower Cover



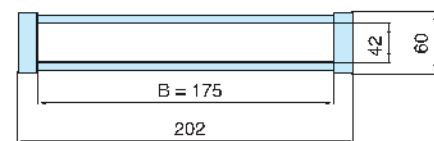
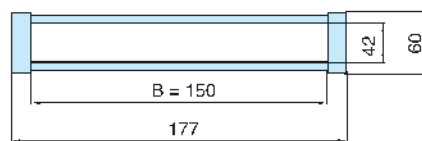
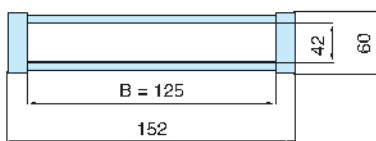
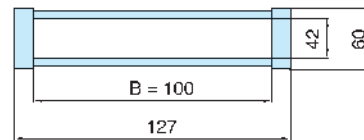
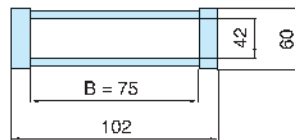
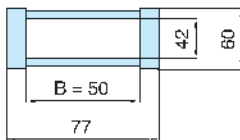
Guide Rail



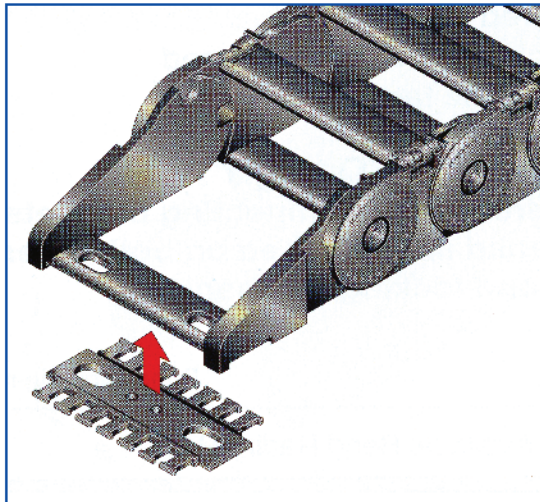
• Length $L = \frac{S}{2} + \pi R + 200$

• Radius	R	120	140	200	250	300
• Height	H	300	340	460	560	660

Cross Section A-A



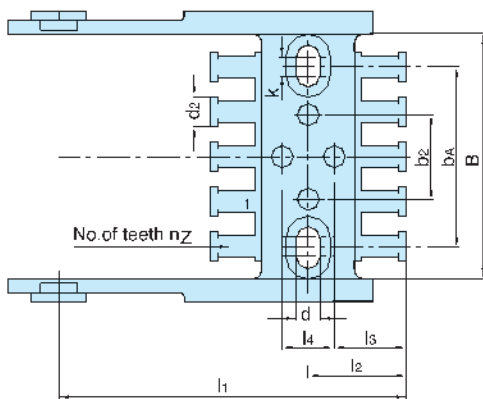
Brackets



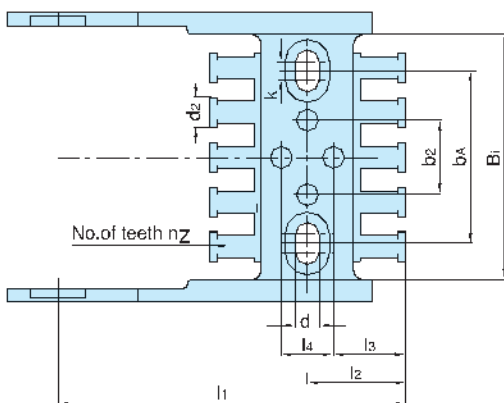
Brackets with integral double strain relief clamp (ZLK - A)

Brackets with removable strain relief clamp (ZLK-L)

(unit: mm)



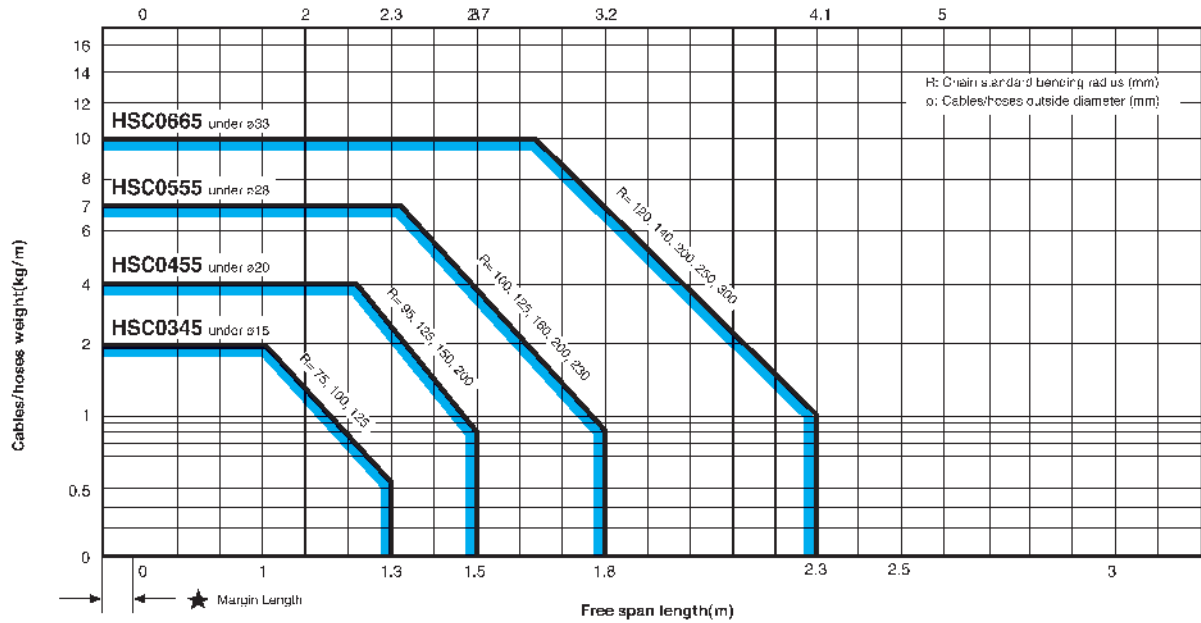
Fixed Bracket



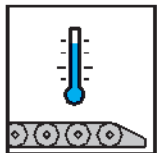
Moving Bracket

Type	B _i	b _A	b ₂	l ₁	l ₂	l ₃	l ₄	d ₁	d ₂	k	ZLK	nZ
0345	15	-	-	62	-	17	14	6.4	-	-	A	1
	25	13	-	62	22	-	-	6.4	-	-	A	2
	38	24	-	62	22	-	-	6.4	-	2	A	3
	50	36	-	62	22	-	-	6.4	-	2	A	3
	65	51	-	62	22	-	-	6.4	-	2	A	3
0455	38	23.5	-	74	26.5	19.5	14	6.4	6.4	3.5	L	3
	58	43.5	15	74	26.5	-	-	6.4	6.4	3.5	L	4
	78	63.5	35	74	26.5	-	-	6.4	6.4	3.5	L	6
	103	88.5	60	74	26.5	-	-	6.4	6.4	3.5	L	8
	130	115.5	87	74	26.5	-	-	6.4	6.4	3.5	L	10
0555	50	30	-	94	26.5	19.5	14	6.4	6.4	5	L	4
	75	55	25	94	26.5	-	-	6.4	6.4	5	L	6
	100	80	50	94	26.5	-	-	6.4	6.4	5	L	8
	125	105	75	94	26.5	-	-	6.4	6.4	5	L	10
	150	130	100	94	26.5	-	-	6.4	6.4	5	L	12
0665	50	30	-	92.5	35	25	20	8.4	6.4	8	L	4
	75	55	20	92.5	35	-	-	8.4	6.4	8	L	6
	100	80	40	92.5	35	-	-	8.4	6.4	8	L	8
	125	105	65	92.5	35	-	-	8.4	6.4	8	L	10
	150	130	90	92.5	35	-	-	8.4	6.4	8	L	12
	175	155	115	92.5	35	-	-	8.4	6.4	8	L	14

● 능력선도 (HSC) Capability Graph



● 사용환경 Environmental and Application Variables



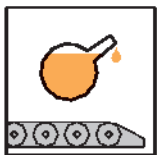
Temperature

Permissible temperature range:
-40°C to +100°C



Flammability

Our standard materials correspond and are in accordance with test procedures VDE 0304 Part 3 (05.70) Class II c and also 94-HB



Chemicals

Plastic robochain are extremely resistant to many common chemicals. If in any doubt, please ask.



Weathering

Our standard materials are suitable for use outside and are UV resistant.



Cold Storage Systems

A special material is recommended for robochain operating continuously at very low temperatures.



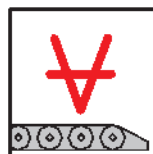
Resistance to Radiation

No material damage occurs up to a radiation dose of **1 megarad**. For doses of **100 megarad** the material becomes increasingly brittle and mechanical properties are reduced by 30%.



Explosion Resistance

Robochain required for use in explosive environments are available - identified by letters "EX"



Vacuum

Our plastic robochain are suitable for use in Vacuums. A 1% reduction in mass is possible