

I *FUSES*

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NT Low Voltage Fuse

Application

NT low voltage H.R.C. fuse features light in weight, small in size, low in power loss and high in breaking capacity. This product has been widely used in overload and short circuit protection of electric installation. This product conforms to IEC 60269 standards with all of the rating at the world advanced level.



NT00C



NT00



NT0

Specifications

Type	Fuse link				Fuse base		
	Rated current (A)	Rated voltage (V)	Rated power loss (W)	Weight (kg)	Type	Rated current (A)	Weight (kg)
NT00C	2	500, 600	0.41	0.15	Sist 101	160	0.2
	4		0.62				
	6		0.81				
	10		1.08				
	16		1.60				
	20		1.81				
	25		2.31				
	32		3.07				
	36		3.17				
	40		4.05				
	50		4.25				
	63		4.70				
	80		5.7				
	100		7				
NT00	4	500, 600	0.67	0.15	Sist 101	160	0.2
	6		0.89				
	10		1.14				
	16		1.65				
	20		1.94				
	25		2.50				
	32		3.32				
	36		3.56				
	40		4.30				
	50		4.5				
	63		4.6				
	80		6				
	100		7.3				
	125	500	7.6				
	160		9.6				
NT0	6	500, 600	1.03	0.2	Sist 160	160	0.32
	10		1.42				
	16		2.45				
	20		2.36				
	25		2.7				
	32		3.74				
	35		4.3				
	40		4.7				
	50		5.5				
	63		6.9				
	80		7.6				
	100		8.9				
	125	500	10.1				
	160		15.2				



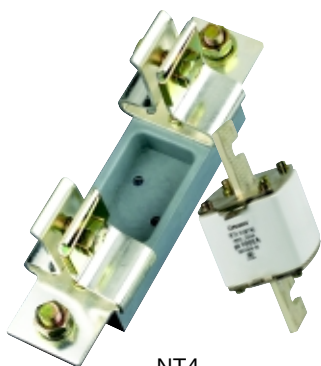
NT1



NT2



NT3



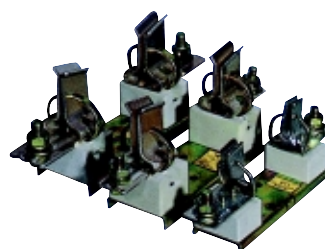
NT4

Specifications

Type	Fuse link				Fuse base		
	Rated current (A)	Rated voltage (V)	Rated power loss (W)	Weight (kg)	Type	Rated current (A)	Weight (kg)
NT1	80	500, 600	6.2	0.36	Sist 201	250	0.8
	100		7.5				
	125		10.2				
	160		13				
	200	500	15.2				
	224		16.8				
	250		18.3				
NT2	125	500, 600	9	0.65	Sist401	400	1.2
	160		11.5				
	200		15				
	224		16.6				
	250		18.4				
	300		21				
	315		19.2				
	355		24.5				
	400		26				
NT3	315	500, 600	21.7	0.85	Sist601	630	1.5
	355		22.7				
	400		26.8				
	425		28.9				
	500	500	32				
	630		40.3				
NT4	800	380	62	1.95	Sist1001	1000	3.45
	1000		75				



NT00 3P



NT2 3P



Fuse Puller

H.R.C Fuse Core

Application

The fuses links having cylindrical contact caps are designed for protecting electrical distributing installations of rated voltage of 380V AC. with rated current up to 125A against damage due to overload and short circuit. Fuse links with the striker are supplied for the purpose of protecting motors against motor single phasing operation when fitted in fuse isolators.



RO14 RO15 RO16 RO21 RO22



RO26

Specifications

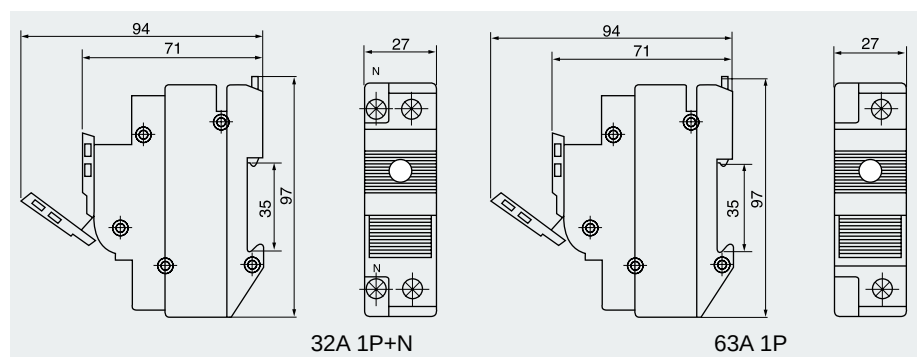
Type		Dimension (mm)	Rated Current (A)
gG	aR		
RO14	RS14	8.5 x 31.5	1, 2, 4, 6, 10, 16, 20
RO14A	RS14A	8.5 x 23	1, 2, 4, 6, 10, 16, 20
RO15	RS15	10 x 38	2, 4, 6, 10, 16, 20, 25, 32
RO16	RS16	14 x 51	2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63
RO17	RS17	22 x 58	10, 16, 20, 25, 32, 40, 50, 63, 80, 100
RO21	RS21	DII	2, 4, 6, 8, 10, 13, 16, 20, 25
RO22	RS22	DIII	35, 40, 50, 63
RO26	RS26	D01	2-6, 10, 16
		D02	20, 25, 35, 50, 63
		D03	80, 100

Fuse Holder

Specifications

Current	32A	63A
No. of poles	1P+N, 3P, 3P+N	1P, 1P+N, 2P, 3P, 3P+N
Size of fuse link	D02	

Dimension



32A 1P+N

63A 1P

RD18-32 1P+N 32A



RD18-63 3P 63A

Model	Current	No. of poles	Conductor cross-section mm ²	No. of spacing units per 18mm
RD18-32	32A	1P+N	1.5-16	1.5
	32A	3P	1.5-16	4
RD18-63	63A	1P	1.5-16	1.5
	63A	1P+N	1.5-16	3
	63A	2P	1.5-16	3
	63A	3P	1.5-16	4
	63A	3P+N	1.5-16	6

Fuse Holder



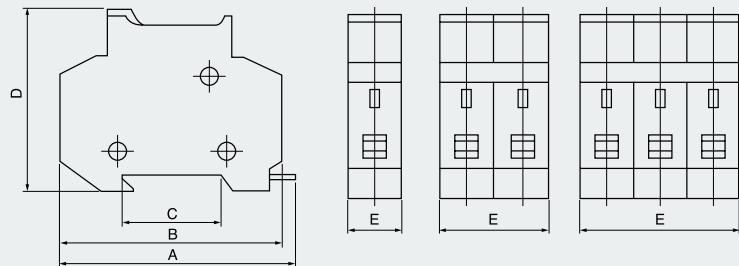
RT18-63/2P



RT18-32X/3P

RT18

Type	Assorted Fuse	Rated Voltage (V)	Rated Current (A)	Weight (kg)	Dimension (mm)				
					A	B	C	D	E
RT18-32 1P	10 x 38	380	32	0.075	82	78	35	63	18
RT18-32 2P			32	0.15	82	78	35	63	36
RT18-32 3P			32	0.22	82	78	35	63	54
RT18-63 1P	14 x 51		63	0.18	106	103	35	80	26
RT18-63 2P			63	0.36	106	103	35	80	52
RT18-63 3P			63	0.54	106	103	35	80	78
RT18-32X 1P	10 x 38		32	0.075	82	78	35	63	18
RT18-32X 2P			32	0.15	82	78	35	63	36
RT18-32X 3P			32	0.22	82	78	35	63	54
RT18-63X 1P	14 x 51		63	0.18	106	103	35	80	26
RT18-63X 2P			63	0.36	106	103	35	80	52
RT18-63X 3P			63	0.54	106	103	35	80	78



RT18

Fuse Holder

RT18L



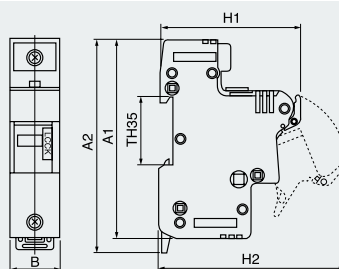
RT18L

Type	Assorted Fuse	Number of Poles	Rated Insulation Voltage (V)	Conventional heating current (A)	Dimension (mm)				
					A1	A2	B	H1	H2
RT18L-63	14 x 51	1, 2, 3, 4	690	63	108	115	27	78	100
RT18L-125	22 x 58			125	126	134	36	78	104

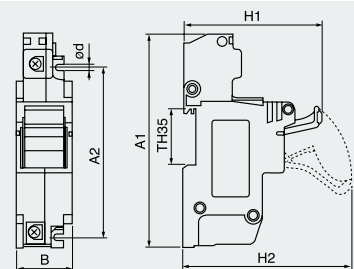
HG30

Type	Assorted Fuse	Number of Poles	Rated Insulation Voltage (V)	Conventional heating current (A)	Dimension (mm)					
					A1	A2	B	H1	H2	ød
HG30-63	14 x 51	1, 2, 3, 4	500	63	107	80	27	80	102	4.5
HG30-125	22 x 58			125	140	110	36	90	109	4.5

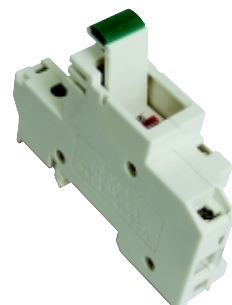
Dimension



RT18L



HG30



HG30

J Fuse Link



J Type

Specifications

size	Rated current (A)
76mm 3"	20 35 32 40 50 63 80 100 125 160 200
83mm 3 1/4"	20 25 32 40 50 63 80 100 125 160 200 250 315 355 400
92mm 3 5/8"	20 25 32 40 50 63 80 100 125 160 200 250 315 355 400 450 500 560 630 800

Fuse Base



RL6-25

RL6-63

Specifications

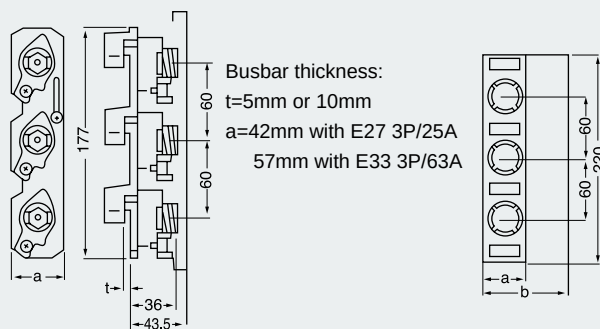
Model	RL6-25	RL6-63
Rated Voltage	500V	500V
Rated Current of Fuse	25A	63A
Rated Current of Fusant	2,4,6,10,16,20,25A	35,50,63A
Rated Breaking Current	50KA $\cos\phi=0.1-0.2kg$	50KA $\cos\phi=0.1-0.2kg$
Overall dimension	66 x 43 x 80	89 x 54 x 82
Weight	0.20kg	0.25kg

Dimension

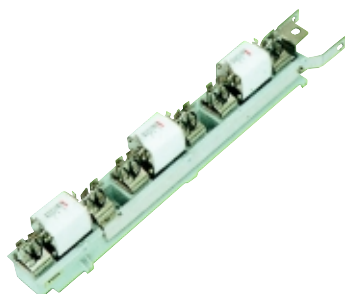


E27 3P

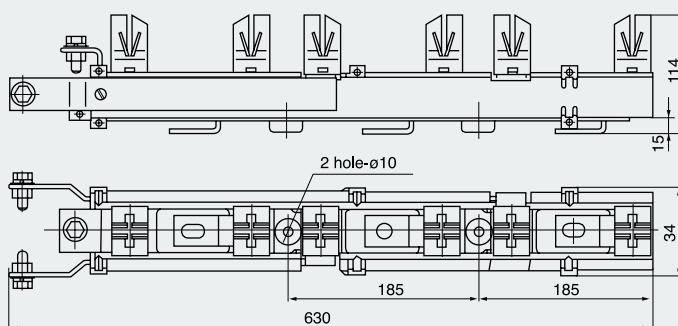
E33 3P



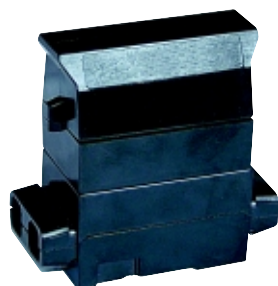
E27 3P/E33 3P Vertical type



NT2-3J



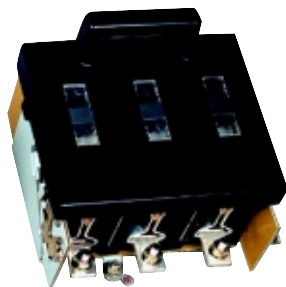
NT2-3J



60# 60/80A



100# 1P+N 100A



HR5



HR6

Cut Out Fuse

Application

FS cutouts are made of high grade phenolic moulding power having high mechanical and dielectric strength. The body possesses non-hygroscopic and non-tracking qualities. Terminal contacts are of tinned brass with phosphor bronze back up compression spring capable of providing flawless service even after years of use.

It has features like: all components are inter-locked. Sealing provision to avoid unauthorised access. Common body from 15amps to 100amps. Terminal are suitable for aluminium/copper conductors upto 35sq.mm loop in and loop out cabling contacts available.

FS insulated service cutouts conform to BS 1361•1986 standard SR H fuses conform to BS1361.1986.

The available current is 60# 60/80A, 100# 60/80A, 100# 100A, 100# 1P+N 60/80A, 100# 1P+N 100A.

Isolating Switch Fuse

Application

The product is used in distribution circuit and motor circuit of current 50Hz, rated operational frequency 660V under, and rated current 100-630A, also used in high-short-circuit as power switch, isolating switch and emergency switch protecting circuit. Fitted with NT (RT16)fuse. It conforms to IEC60947-3.

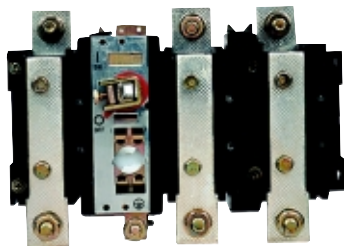
Specifications

Model		100	200	400	630
Number of Main Poles		3			
Rated Insulation Voltage AC (V)		690			
Rated Operational Voltage (V)		380, 660			
Rated Operational Current (A)	380V AC-23	100	200	400	630
	660V AC-22	100	200	315	426
Rated Making Capacity	380V cosø0.35 AC-23	10	10		
	660V cosø0.65 AC-22	3			
Rated Breaking Capacity	380V cosø0.35 AC-23	8	8		
	660V cosø0.65 AC-22	3			
Rated Fused Short Circuit Current (KAr.m.s)	380V AC-23	100			
	660V AC-22	50			
Max.Fuse-Link (A)		160	250	400	630
Fuse Type (NT0)		00	1	2	3
Mechanical Endurance/Electrical Endurance (Operations)		3000		1000	
Auxiliary Switch (380V AC-15)VA		300			

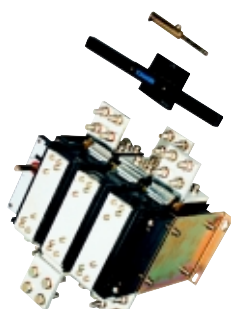
Isolating Switch Fuse

Application

Used to cabinet and drawer electrical controlling sets of equipment. Used as power switch isolating switch and emergency switch to protect circuit in distribution circuit and motor circuit, particularly the high-short circuit of AC 50-60Hz, the rated operational current 63-630A, rated operational voltage 660V below, current voltage 220V or 440V. Conformed to AC-21, AC-22, AC-23. It conforms to IEC60947-3.



QSA



QP



QA

Specifications

Model	QSA63	QSA125	QSA160	QSA250	QSA400	QSA630
Number of Main Poles	2, 3, 4					2, 3
Rated Insulation Voltage (V)	1000					
Rated Operational Voltage (V)	AC: 380V 660V DC: 220V 440V					
Rated Conventional Thermal Current I _{th} (A)	80	160	160	400	400	800
Rated Enclosed Thermal Current I _{the} (A)	63	125	160	250	400	630
Rated Operational Current (I _e)/power AC						
380V cos0.35 AC23 (A/KW)	63/30	125/75	160/90	250/132	400/200	630/333
380V cos0.35 AC23 (A/KW)	63/55	125/110	160/150	250/220	400/375	630/560
Rated Fused Short-Circuit Current (KAr.m.s)	100 (380V) 50 (660V)					
Max.Fuse-Link (A)	160			400		630
Mechanical Endurance (Operations)	15000		12000			3000
Electrical Endurance (Operations)	1000		300		200	
Weight (kg)	1.6	1.7	4.1	4.5	4.7	14.0
Fuse Type NT (RT16) (size)	00			1-2		3
Required Torque (Nm)	7.5		16		60	
Auxiliary Switch (380V AC-15) (220V DC-13) (A)	4				6	
Switched Neutral Pole I _{the} /I _e (220V DC-13) (A/A)	63/63	125/125	160/160	250/250	400/400	—
Neutral Link I _{the} (A)	63	125	160	250	400	630

Fuse Disconnect

Specifications

Switch Rating Heat Current (A)	Number of Poles	Assorted Fuse	Rated Current (A)
160	3, 4	NT00	4,6,10,16,20,25,32,35,40,50,63,80,100,125,160
250		NT1	80,100,125,160,200,224,250
400		NT2	125,160,200,224,250,300,315,355,400
630		NT3	315,335,400,425,500,630

Dimension

HR17

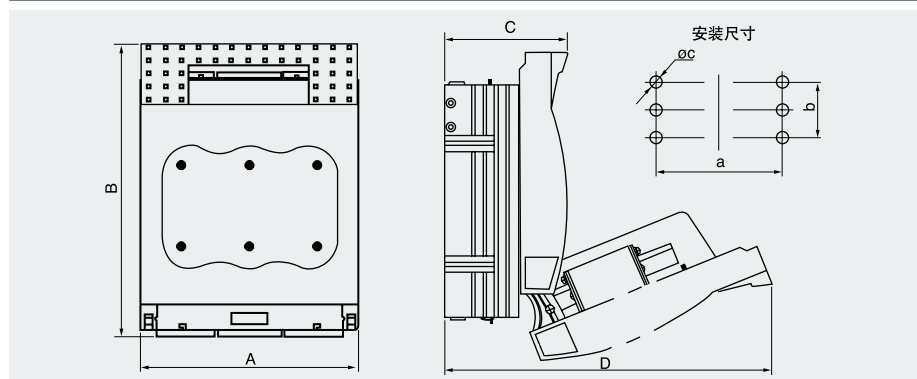
Model	Assorted Fuse		B		D		b	
HR17-160/30	NT00	106	200	83	205	66	25	ø7
HR17-250/30	NT1	185	247	110	295	114	50	ø11
HR17-400/30	NT2	210	290	125	340	130	50	ø11
HR17-630/30	NT3	256	300	145	360	162	50	ø11
HR17-160/40	NT00	138	200	83	205	100	25	ø7
HR17-250/40	NT1	242	247	110	295	172	50	ø11
HR17-400/40	NT2	276	290	125	340	195	50	ø11
HR17-630/40	NT3	340	300	145	360	243	50	ø11



HR17 3P



HR17 4P



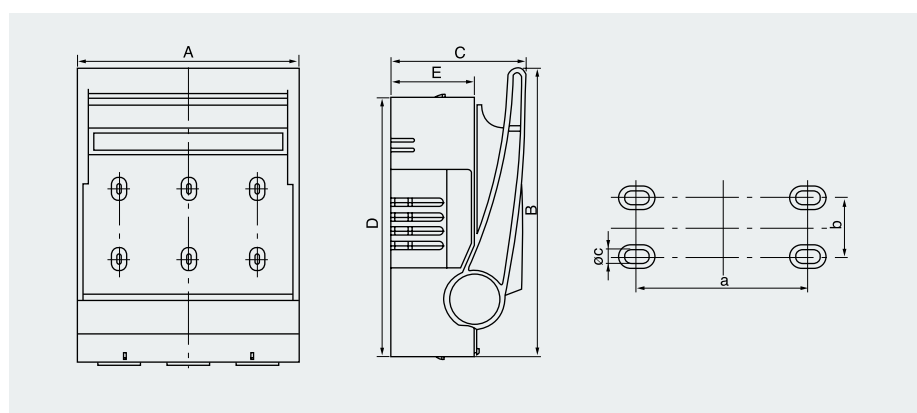
Dimension

HR18

Model	Assorted Fuse	A	B	C	D	E	a	b	øc
HR18-160	NT00	105	184	88	160	43	73	25	ø7
HR18-250	NT1	184	268	116	230	66	115	50	ø9
HR18-400	NT2	210	285	129	256	81	140	50	ø9
HR18-630	NT3	250	328	138	315	86	150	50	ø9



HR18



High Voltage Cutout

Description

- Mounting Bracket
- Long Bolts
- Mounting Bracket
- External-Tooth Lock Washer
- Porcelain Insulator
- Lock Washer
- Upper Connection
- Fuse Holder
- Lower Connection
- Lifting Eye
- Connectors
- Steady Contacts
- Load Break Tool Attack Hook
- Opening Eye



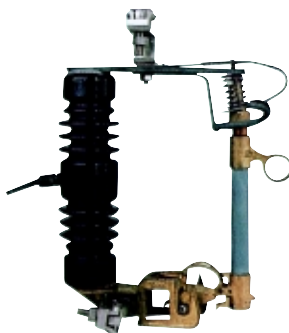
12KV-15KV



15KV-18KV



24KV

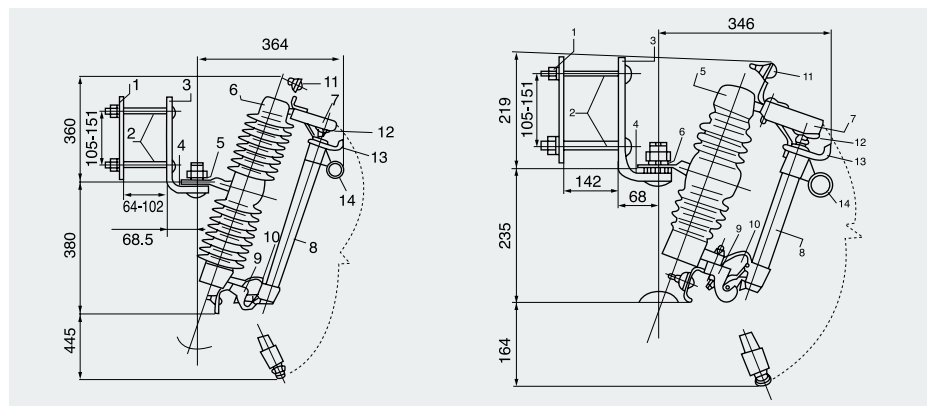


33KV-35KV

Specifications

Type	Rated Voltage (KV)	Rated Current (A)	Breaking Current (A)	Impulse Voltage (BIL)	Power-Frequency Withstand Voltage (KV)	Crawling Distance	Weight (kg)
RS-7	15	100	10000	110	42	230m/m	7
RS-7	15	100	12000	110	42	230m/m	7
RH-8	15	100	10000	110	42	230m/m	7.3
RH-8	15	100	12000	110	42	230m/m	7.3
RH-C	15	100	10000	110	42	320m/m	7.5
RH-C	15	100	12000	110	42	320m/m	7.5
RH-A	35	100	6000	180	70	800m/m	25
RH-A	35	100	8000	180	70	800m/m	25
R-98	18	100	8000	125	45	340m/m	8.8
R-98	18	100	10000	125	45	340m/m	8.8
R-97	24	100	8000	150	50	500m/m	12
R-97	24	100	10000	150	50	500m/m	12
RH-8	35	100	6000	170	70	660m/m	15
RH-8	35	100	8000	170	70	660m/m	15
RW10-10F/100	12	100	6300	70	42	230m/m	7
RW10-10F/100	12	200	6300	70	42	230m/m	7
RW11-10F-100	12	100	6300	70	42	330m/m	3.5
RW11-10F/100	12	200	6300	70	42	330m/m	3.5
PRWG-10F/100	12	100	6300	70	42	340m/m	8.5
PRWG-10F/100	12	200	6300	70	42	340m/m	8.5

Dimensions



Lightning Arrester



3KV

10KV

12KV

15KV

24KV

36KV

Specifications

Type	MOA Rated Voltage	MCOV	Current impulse Residual Voltage			2ms Rectangular current impulse withstand	4/10 μ s High current impulse withstand
			1/4 μ s Lightning currentimpuse	8/20 μ s Lightning currentimpuse	30/60 μ s Lightning currentimpuse		
	KV(rms)		KV(rms)		KV(rms)		KV(rms)
YH5W-3	3	2.55	11.3	9	8.9	150	65
YH5W-6	6	5.1	22.6	18	16.8	150	65
YH5W-9	9	7.65	33.7	27	23.8	150	65
YH5W-10	10	8.4	36	30	23	150	65
YH5W-11	11	9.4	40	33	30	150	65
YH5W-12	12	10.2	42.2	36	27	150	65
YH5W-15	15	12.7	51	45	38.5	150	65
YH5W-18	18	15.3	61.5	54	46.2	150	65
YH5W-21	21	17.0	71.8	63	54.2	150	65
YH5W-24	24	19.5	82	72	62	150	65
YH5W-27	27	22.0	92	81	69.8	150	65
YH5W-30	30	24.4	102	90	79	150	65
YH5W-33	33	27.5	112	99	86.7	150	65
YH5W-36	36	29.0	123	108	92.4	150	65
YH10W-3	3	2.55	11.3	9	8.9	250	100
YH10W-6	6	5.1	22.6	18	16.8	250	100
YH10W-9	9	7.65	33.7	27	23.8	250	100
YH10W-10	10	8.4	36	30	23	250	100
YH10W-11	11	9.4	40	33	30	250	100
YH10W-12	12	10.2	42.2	36	27	250	100
YH10W-15	15	12.7	51	45	38.5	250	100
YH10W-18	18	15.3	61.5	54	46.2	250	100
YH10W-21	21	17.0	71.8	63	54.2	250	100
YH10W-24	24	19.5	82	72	62	250	100
YH10W-27	27	22.0	92	81	69.8	250	100
YH10W-30	30	24.4	102	90	79	250	100
YH10W-33	33	27.5	112	99	86.7	250	100
YH10W-36	36	29.0	123	108	92.4	250	100