

Professional Aluminum
Manufacturer



Aluminum profile

Wise Build Enterprise Limited

Factory Add : By the toll gate of YinZhan, Qingyuan, China

Email : info@wisebuild.cn

Web : <http://www.wisebuild.cn>

广东智建物资有限公司

Wise Build Enterprise Limited

WISEBUILD

C⁺目录 Contents



Series DW 50 thermal break outward opened casement window	9
Series TF-D81 thermal break sliding Window	11
Series TY 87 thermal break sliding window	14
Series A50 casement window	17
Series E50 swing door	27
Series YX 553 casement window	30
Series YX 95 sliding door	32
Series GR 90 sliding door	35
Series GR90M sliding window	39
Series 2089 sliding window	43
Series TF-M88 sliding window	58
Series 808 sliding window	61
Series GR 78 sliding window	74
Series 115 3-track sliding window	78
Series 878 sliding window	81
Series LG 80 handrailing	87
Series MD-10 handrail	89
Standard Profiles	91



COMPANY INTRODUCTION

Wise Build Enterprise Limited is a professional manufacturer and supplier of aluminum and glass system located in GuangDong,China.Main products cover from aluminum extrusion,aluminum window and door system,window decor system,etc.

Aluminum extrusion is the very basic and initial product in Wise Build developing history,through years accumulating abundant experience,as well as diverse window and door systems for different markets.We are also one of those responsible suppliers who insist on high quality aluminum material and surface treatment to assure the excellent processability and durability in long term.

Currently we have 17 extruding presses,2 anodizing lines,2 powder coating lines,one of which is vertical Italia techonology.70% of the output is for architectural applications,to supply wisebuild window and door sector as well as the wide market from both local and abroad.

Wise Build successfully introduced high performance aluminum window and door system into the market and highly recognized.We provide large scale of OEM production and service to customers from all over the world with good reputation,such as southeast Asia,Middle east,South America,Africa,etc.

Since 2007,Wise build implemented the production of aluminum coil and sheet to suit a broad ranme of manufacturing,transportation and industrial applications.We supply an array of gauges,widths,finishes and alloys for every raw or painted material requirement.Most 1***,3*** and 5*** series alloys used in building section are available.

Wise build,help you build wisely!

EXTRUSION PRODUCTION CENTER



Extruding press

Anodizing line

Powder coating line

QUALITY INSPECTION CENTER



Composition inspection Lab



DBLF

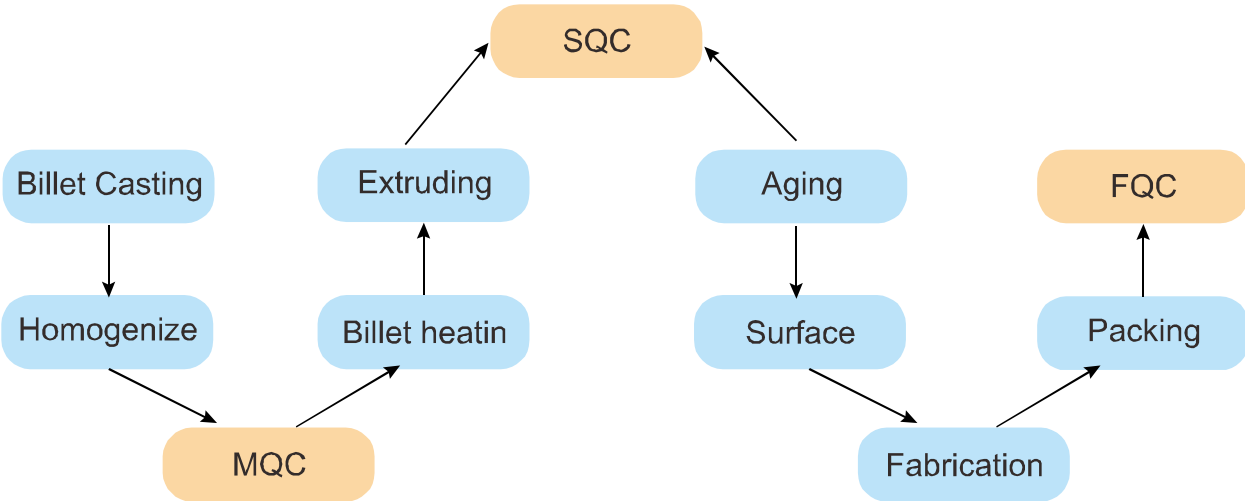


Inspection 3



Total aluminum X-Ray Analyzer

QUALITY INSPECTION PROCESS



Aluminum Extrusion

Finish & Temper

Standard finish

Mill finish

Finish of aluminum itself,with a natural anodic layer formed in the air,ready for further surface treatment

Anodizing

Through an electrical-chemical process to thicken the natural anodic layer on the surface of aluminum, available in different colors,including natural,champagne,bronze,black,golden,etc.

Eletrophoresis

Base on anodized process,an extra transparent film is formed to make the surface clearer and look bit of shining,with very good corrosion resistance.

Powder coating

The powdered paint is electrostatically charged and sprayed onto the part,to form a thick layer to protect the surface.with very good corrosion resistance

Wooden finish

New technology in finishing to form a texture look like real wood.Handtouch or film transferring are both available

Buffing

By mechanical buffing to form mirror like finish,suitable for decorative application

Temper Designation

F	As extruded,No special control over thermal conditions or strain-hardening; no mechanical property limits
T1	Cooled from an elevated temperature and naturally aged
T4	Solution heat-treated and naturally aged.
T5	Cooled from an elevated temperature and artificially aged.
T6	Solution heat-treated (which may be accomplished for some alloys in-line at the extrusion press) and artificially aged.

MAIN ALLOY FOR CONSTRUCYION ALUMINUM PROFILE

Extruded Aluminum-Alloy 6063

Description of alloy

Alloy 6063,one of the most popular alloys in the 6*** series,provides good extrudability and a high quality surface finish.This alloy is often used for electrical application also in the T5 and T6 condictionns due to its good electrical conductivity.

Typical applications for alloy 6063

- *Architectural and building products
- *Door and window frames
- *Electrical components and conduit
- *Railing and furniture
- *Pipe and tube for irrigation systems
- *Heatsinks

Chemical composition

Element(%)	Alloy
	6063
Silicon	0.20-0.60
Iron	0.35(max)
Copper	0.1(max)
Manganese	0.10(max)
Magnesium	0.45-0.9
Chromium	0.1(max)
Zinc	0.1(max)
Others	0.05(max).each
	0.15(max.total
remainder	aluminum

Extruded mechanical properties

Property	Alloy-6063	
	Temper	
	T5	T6
TS σb/MPA(Typ)	185	240
YS σ0.2/MPA (min)	110	170
Elongation% (min)	8	8

Extruded Aluminum-Alloy 6061

Description of alloy

Alloy 6061 is one of the most widely used alloys in the 6*** series,this well proven dedium strength structural alloy satisfies the requirements of a number of specifications.

Typical applications for alloy 6061

- *Transportation components

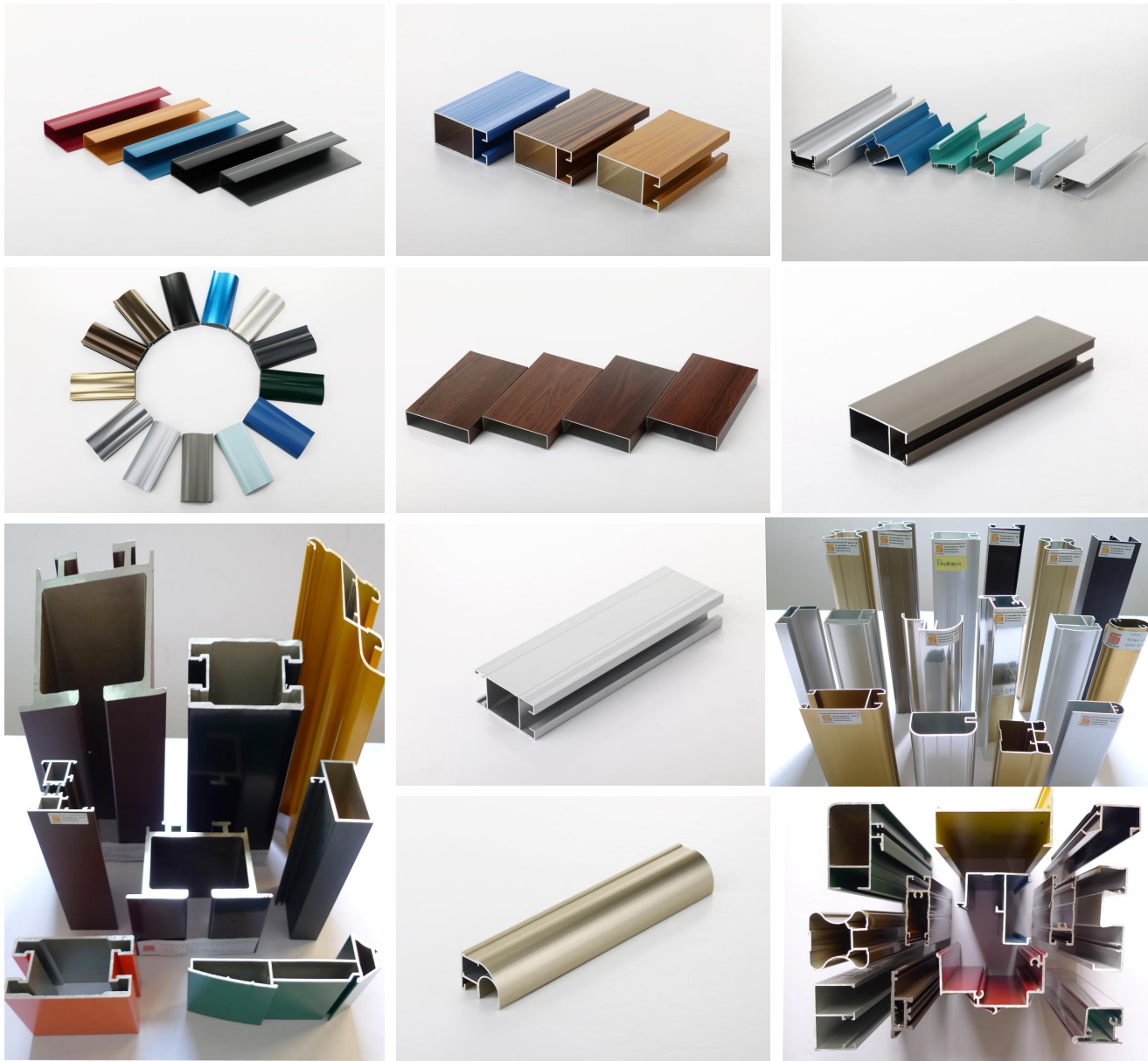
*Machinery and equipment
- *Recreation products

*Consumer durables

Element(%)	Alloy
	6063
Silicon	0.4-0.8
Iron	0.7(max)
Copper	0.15-0.40
Manganese	0.15(max)
Magnesium	0.8-1.2
Chromium	0.04-0.35
Zinc	0.25(max)
Others	0.05(max).each
	0.15(max).total
Remainder	aluminum

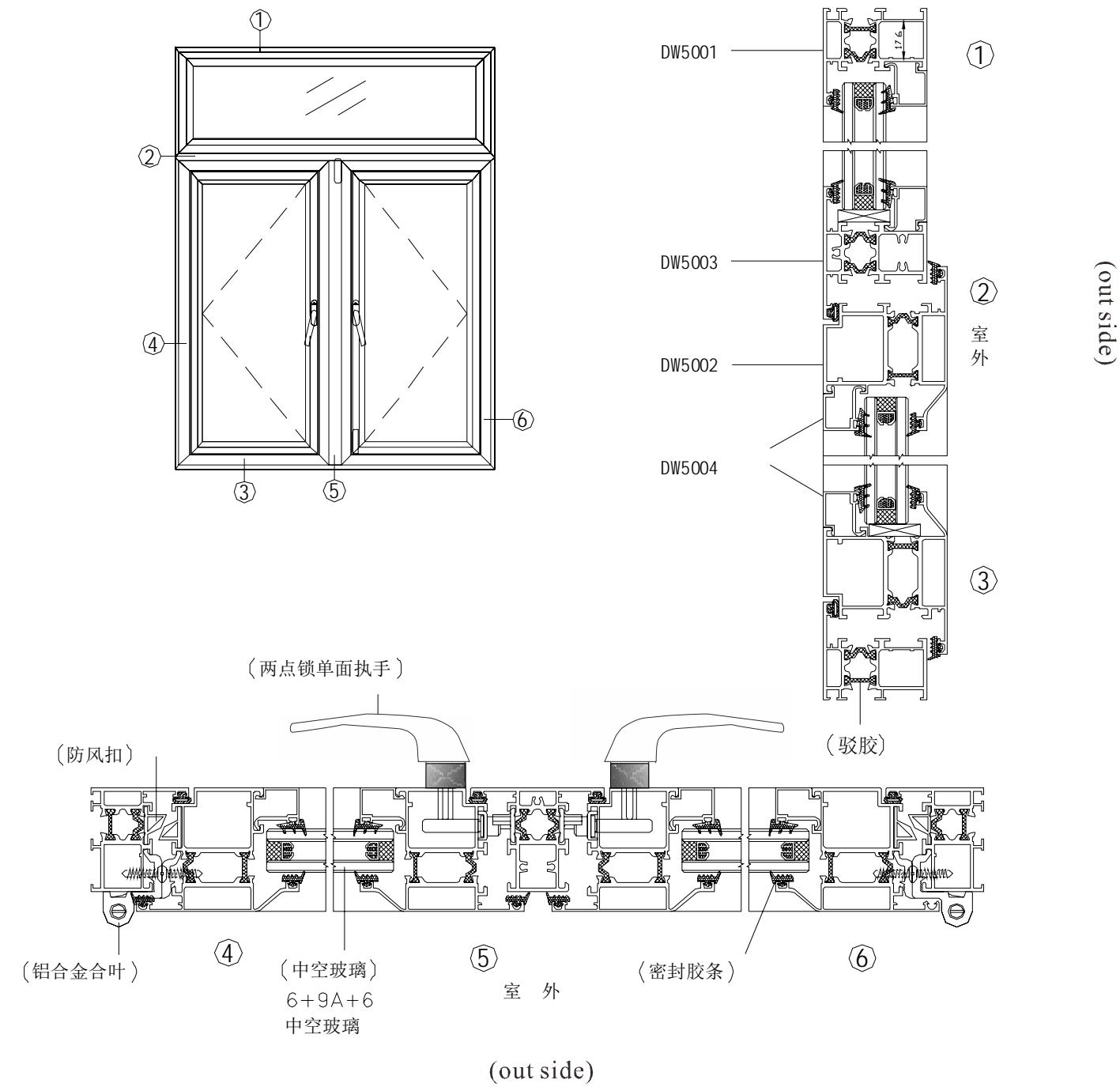
Property	Alloy-6061	
	Temper	
	T4	T6
YS σb/MPA (Typ)	240	310
YS σ0.2/MPA (min)	110	240
Elongation% (min)	16	8

ALUMINUM PROFILE



DW 50系列隔热外开平开窗结构图

Instruction diagram of series DW55 thermal break outward opened casement window



DW 50系列隔热外开平开窗型材图

Profiles of series DW55 thermal break outward opened casement window

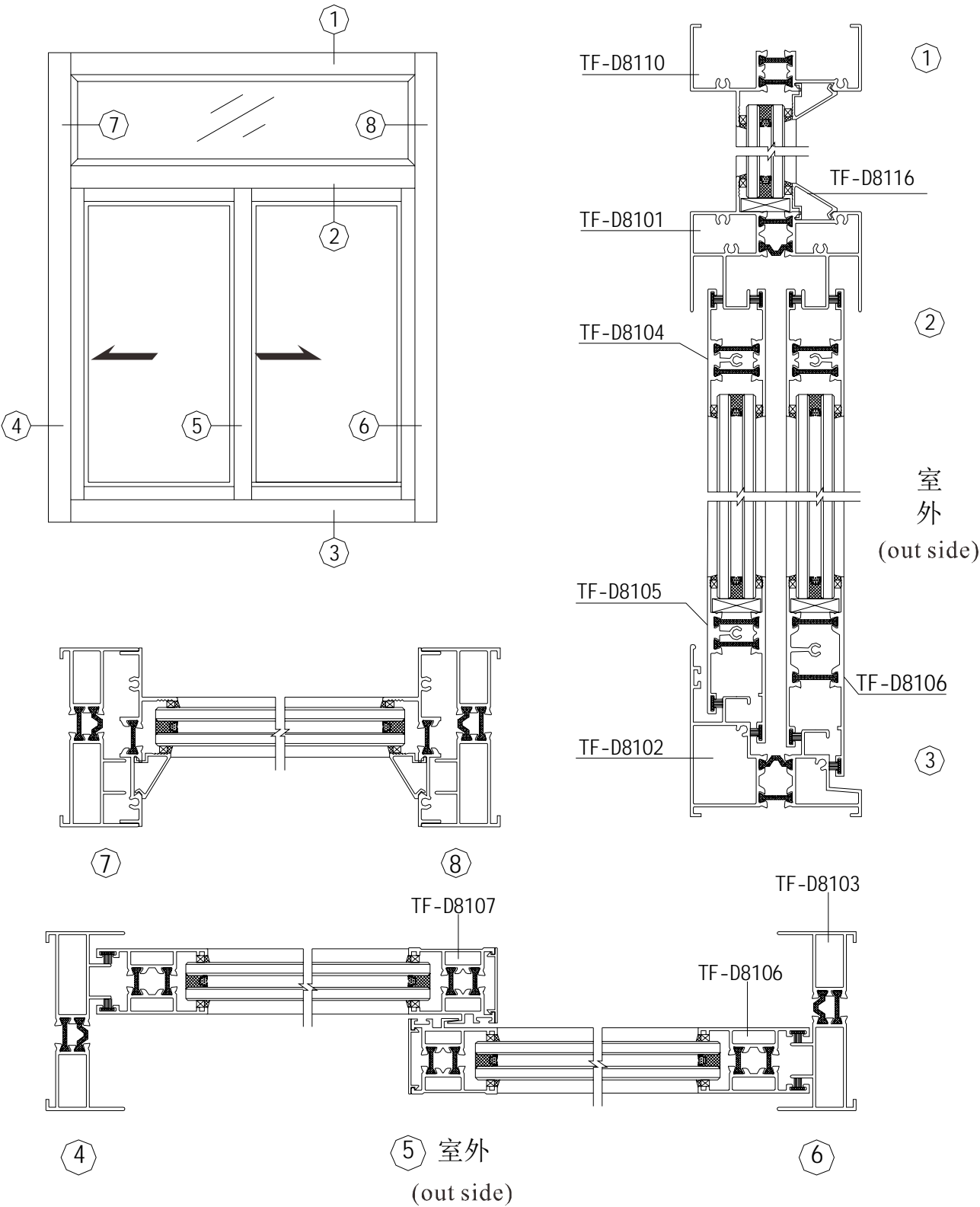
序号	代号/名称	T(mm)	重量(kg/m)	图 例	序号	代号/名称	T(mm)	重量(kg/m)	图 例
1	DW5001 (边 框) frame	1.4	1.09		7	DW5053 (中 工) transom	1.4	1.54	
2	DW5002 (窗 扇) frame	1.4	1.59		8	DW5004 (压 线) glaze bead	1.2	0.23	
3	DW5042 (窗 扇) frame	1.4	1.37		9	DW5005 (拼 管) sting tube	1.2	0.66	
4	DW5042 (窗 扇) frame	1.4	1.33		10	DW5005A (拼 管) sting tube	1.2	0.64	
5	DW5003 (中 工) transom	1.4	1.31		11	DW5007 (角 码) bracket		7.23	
6	DW5003A (中 工) transom	1.4	1.21		12	DW5008 (转 角) corner	1.2	1.13	

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

TF-D81系列断桥隔热推拉窗结构图

Instruction diagram of series TF-D81 thermal break sliding Window



TF-D81系列断桥隔热推拉窗型材图

Profiles of series TF-D81 thermal break sliding window

序号	代号/名称	T(mm)	重量(kg/m)	图 例	序号	代号/名称	T(mm)	重量(kg/m)	图 例
1	TF-D8101 (上滑) top transom	1.4	1.52		7	TF-D8106 (大下方) bottom rail	1.4	1.12	
2	TF-D8102 (下滑) sill	1.4	1.520		8	TF-D8107 (光企) stile	1.4	0.88	
3	TF-D8102A (下滑) sill	1.4	1.607		9	TF-D8107D (大光企) stile	1.4	1.142	
4	TF-D8103 (边封) side jamb	1.4	1.05		10	TF-D8108 (勾企) lock stile	1.4	0.95	
5	TF-D8104 (上方) top rail	1.4	0.85		11	TF-D8109 (固上滑) fixed transom	1.4	1.600	
6	TF-D8105 (下方) bottom rail	1.4	0.95		12	TF-D8110 (上固) head	1.4	0.900	

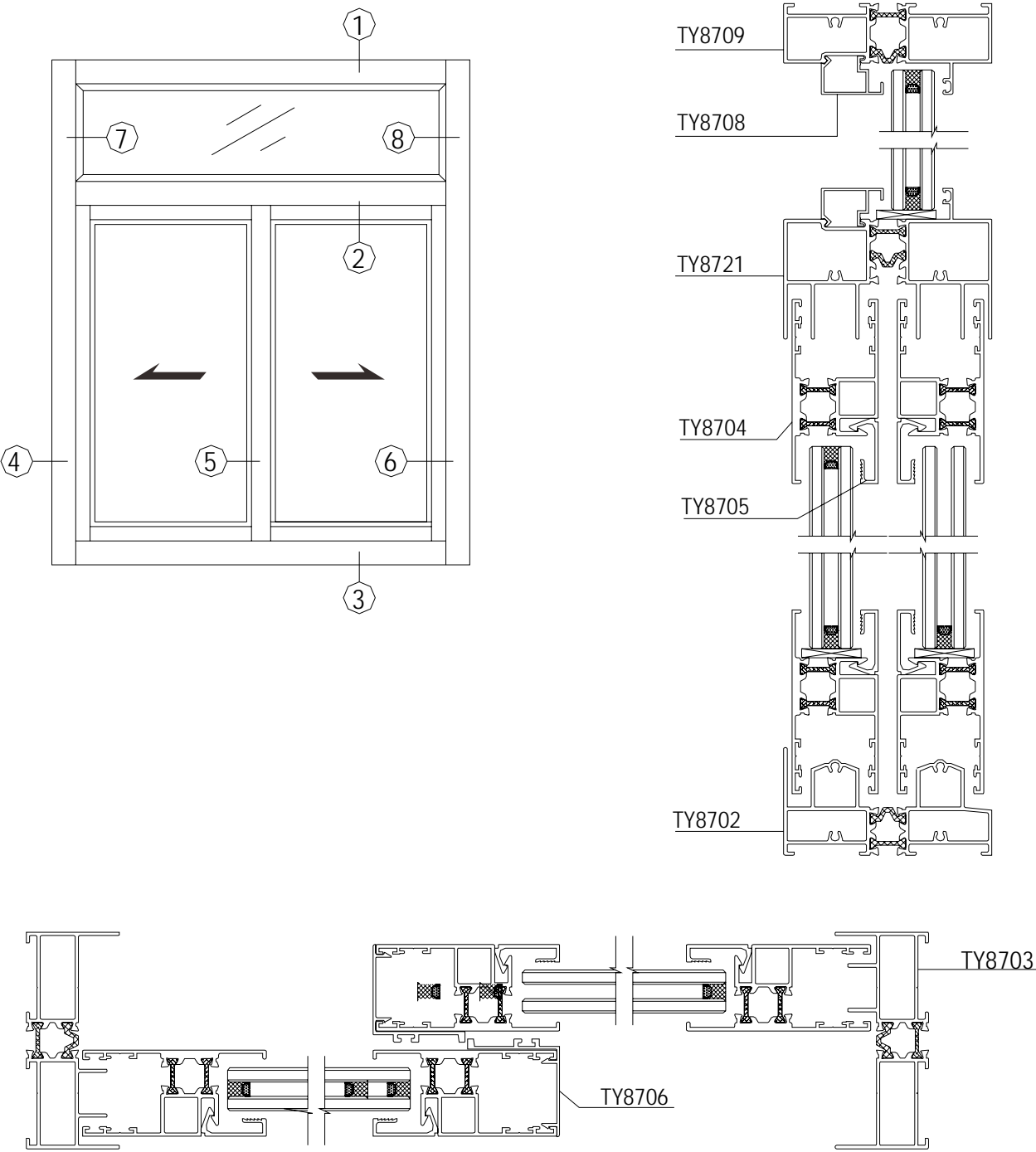
The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

TF-D81系列断桥隔热推拉窗型材图
Profiles of series TF-D81 thermal break sliding window

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
13	TF-D8111 (中 柱) transom	1.4	1.260		18	TF-D8124 (上 方) top rail	1.4	0.850	
14	TF-D8112 (盖 板) cover	1.4	0.600		19	TF-D8125 (下 方) bottom rail	1.4	0.950	
15	TF-D8113 (转 角) corner	1.4	1.92		20	TF-D8126 (大下方) bottom rail	1.4	1.120	
16	TF-D8114 (转 角) corner	1.4	2.037		21	TF-D8127 (光 企) stile	1.4	0.84	
					22	TF-D8128 (勾 企) stile	1.4	0.91	
17	TF-D8115 (转 角) corner	1.4	1.565		23	TF-D8135 (拼 管) sling tube	1.4	0.978	
					24	TF-D8116 (压 线) glaze head	1.0	0.141	

TY 87系列断桥隔热推拉窗结构图
Insulation diagram of series TY87 thermal break sliding window

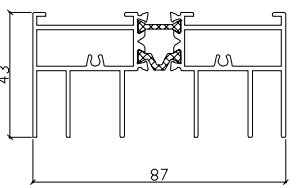
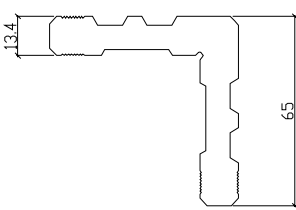
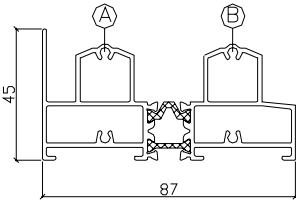
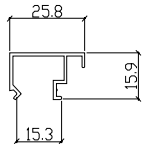
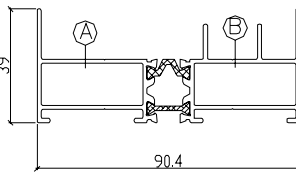
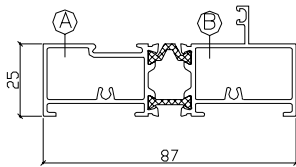
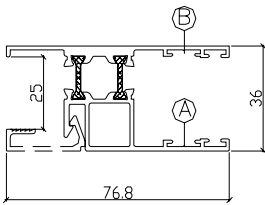
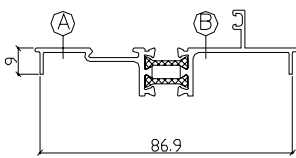
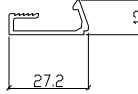
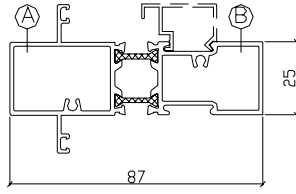
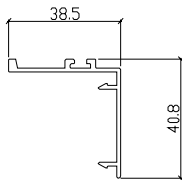
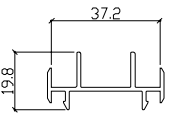


The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

TY 87系列断桥隔热推拉窗型材图

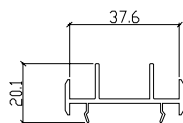
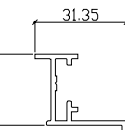
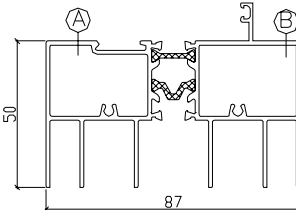
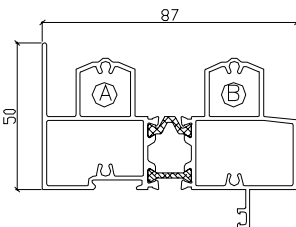
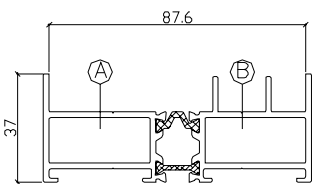
Profiles of series TY 87 thermal break sliding window

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
1	TY8701 (上滑) top transom	1.4 2.0	1.60 2.04		7	TY8707 (角 码) bracket		3.61	
2	TY8702 (下滑) sill	1.4 2.0	1.61 2.07		8	TY8708 (压 线) glaze head	1.0	0.19	
3	TY8703 (封边) side jamb	1.4	1.28		9	TY8709 (上 固) head	1.4	1.25	
4	TY8704 (内框) frame	1.4	0.71		10	TY8710 (盖 板) cover	1.4	0.70	
5	TY8705 (内框 压线) glaze head	1.4	0.21		11	TY8711 (中 柱) transom	1.4	1.30	
6	TY8706 (勾企盖 板) cover	1.2	0.36		12	TY8712 (收 口) cover	1.4	0.36	

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

TY 87系列断桥隔热推拉窗型材图

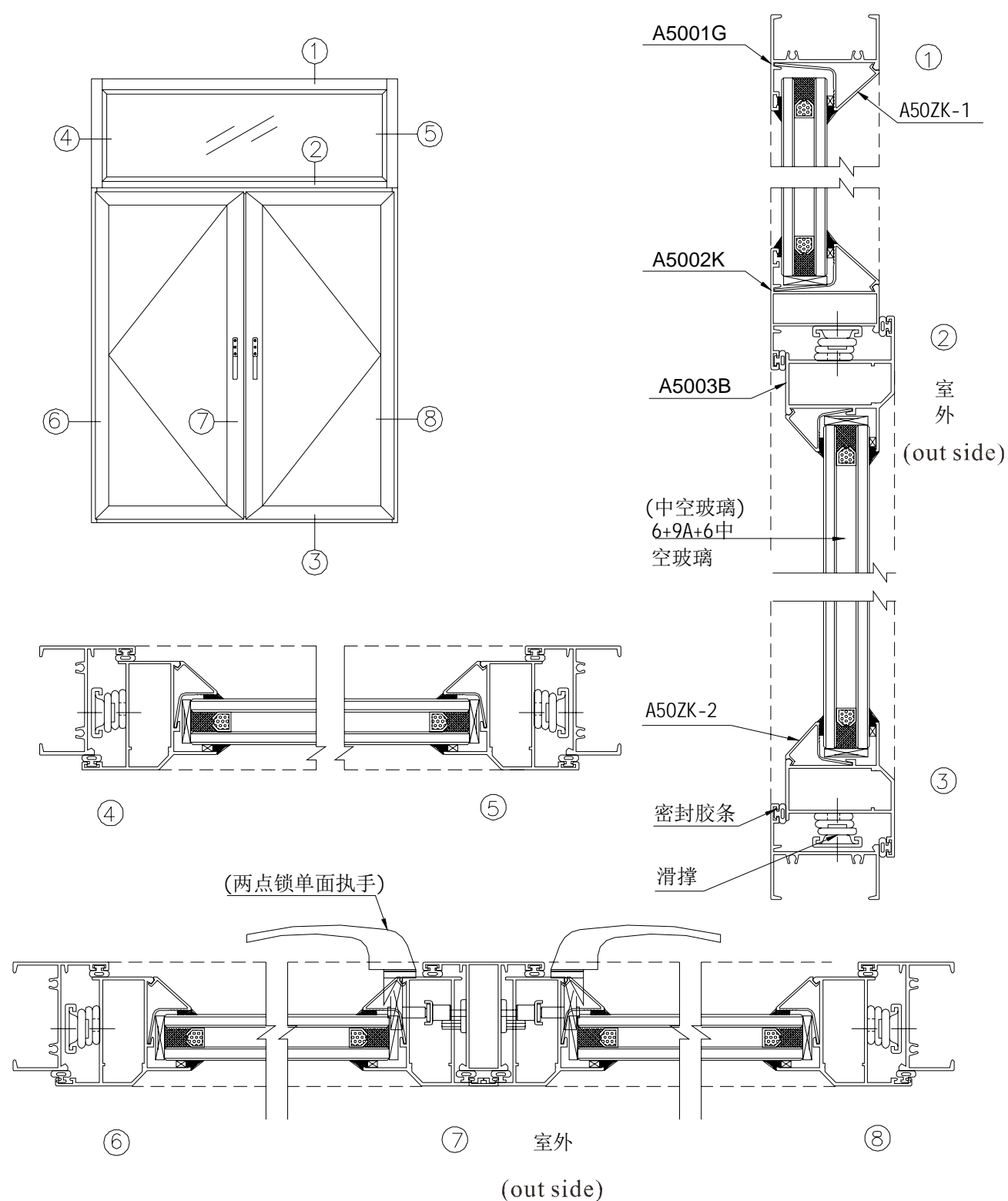
Profiles of series TY 87 thermal break sliding window

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
1	TY8712A (收 口) cover	1.4	0.36		7				
2	TY8713 (连接件)	1.5	0.22		8				
3	TY8721 (固上滑) fixed transom	1.4	1.75		9				
4	TY8722 (固下滑) sill	1.4	1.73		10				
5	TY8733 (封边) side jamb	2.0	1.71		11				
6					12				

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

A50系列外开平开窗结构图

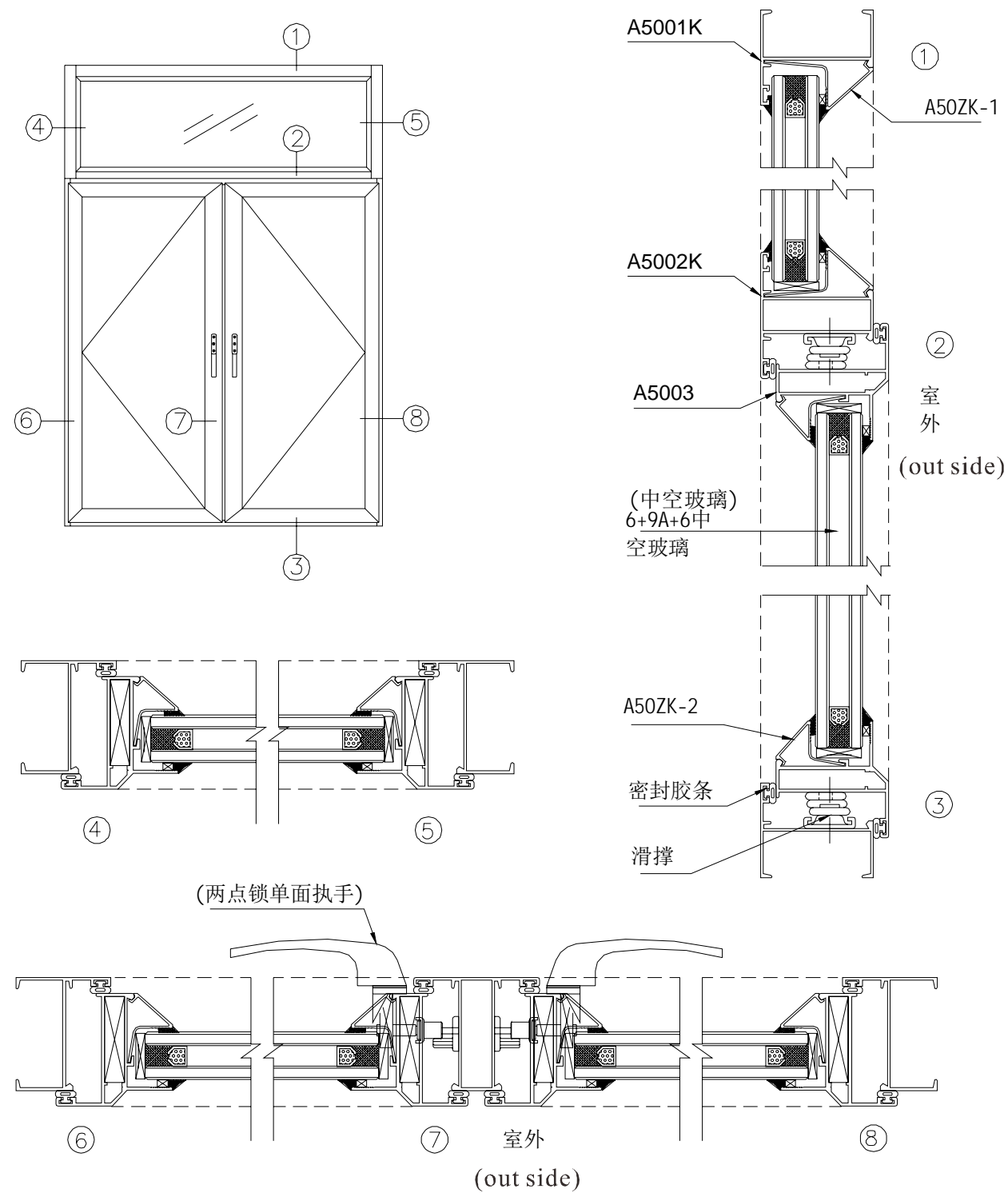
Instruction diagram of series A50 casement window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is base on the loading weight.
WISE BUILD, HELP YOU BUILD WISELY

A50系列外开平开窗结构图

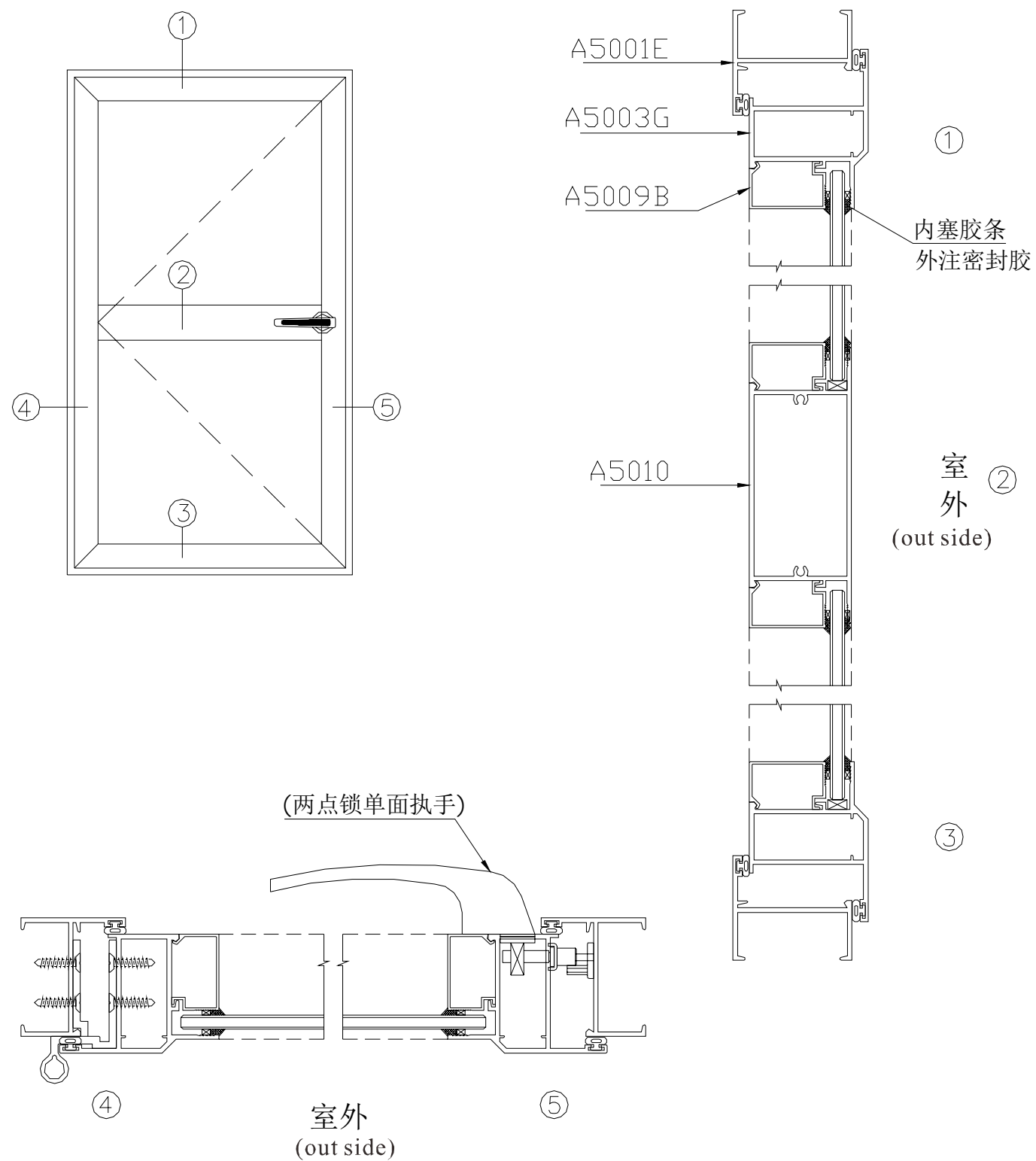
Instruction diagram of series A50 casement window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is base on the loading weight.
WISE BUILD, HELP YOU BUILD WISELY

A50系列外开平开窗结构图

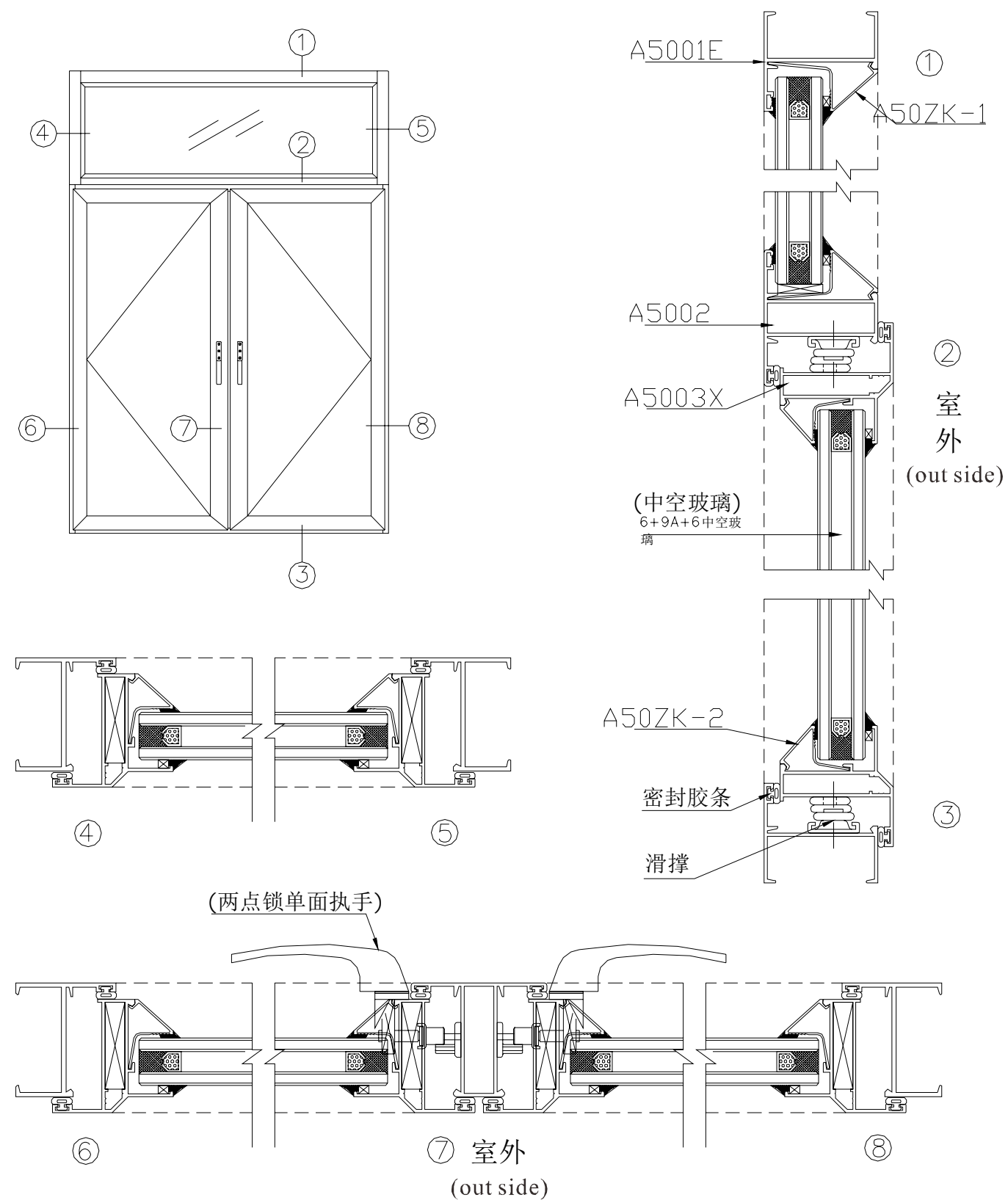
Instruction diagram of series A50 casement window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is base on the loading weight.
WISE BUILD, HELP YOU BUILD WISELY

A50系列外开平开窗结构图

Instruction diagram of series A50 casement window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is base on the loading weight.
WISE BUILD, HELP YOU BUILD WISELY

A50系列外开平开窗型材图
Profiles of series A50 casement window

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
1	A5001 (边 框) frame	1.2	0.41		7	A5001F (边 框) frame	1.4	0.45	
		1.4	0.47						
		2.0	0.65						
2	A50MT (收 口) cover	2.0	0.67		8	A5051 (边 框) frame	1.4	0.75	
3	A5001B (边 框) frame	1.4	0.51		9	A5052 (中 工) transom	1.4	1.20	
4	A5001C (转 角) corner	1.2	0.94		10	A5053 (中 工) transom	1.4	1.62	
		1.4	1.10						
5	A5001D (边 框) frame	2.0	1.00		11	A5002 (中 工) transom	1.4	0.76	
6	A5001E (边 框) frame	1.4	0.52		12	A5002B (滴水中工) transom	1.4	0.83	
		2.0	0.65						

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

A50系列外开平开窗型材图
Profiles of series A50 casement window

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
13	A5002D (加固中工) transom	1.4	1.12		19	A5003X (窗 玉) panel	1.4	0.68	
14	A5002E (加固中工) transom	1.4	1.01		20	A5003B (窗 玉) panel	1.4	0.76	
							2.0	1.08	
15	A5002F (加固中工) transom	1.4	0.90		21	A5003D (窗 玉) panel	1.2	0.67	
							1.4	0.78	
16	A5002G (中 工) transom	1.4	0.83		22	A5003D-J (窗 玉) panel	1.2	0.7	
17	A5002J (中 工) transom	1.4	0.84		23	A5003E (窗 玉) panel	1.4	0.66	
		2.0	1.04						
18	A5003 (窗 玉) panel	1.4	0.66		24	A5003F (门 玉) panel	1.4	1.47	

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

A50系列外开平开窗型材图
Profiles of series A50 casement window

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
25	A5003G (门 玉) panel	2.0	1.01		31	A5013 (转 角) corner	1.4	0.94	
26	A5010 (中 横) transom	1.2 2.0	1.08 1.80		32	A5015 (135° 转角) corner	1.4	0.70	
27	A5011 (拼 角) sling tube	1.4	0.84		33	A5017 (135° 转角) corner	1.2	0.68	
28	A5011A (拼 角) sling tube	1.4	0.90		34	A50ZK-1 (边框压线) glaze head	0.9	0.20	
29	A5012 (拼 管) sling tube	1.2	0.72		35	A50ZK-3 (边框压线) glaze head	1.0	0.24	
30	A5012A (拼 管) sling tube	1.4	0.60		36	A5008 (外框压线) glaze head	0.8	0.18	

A50系列外开平开窗型材图
Profiles of series A50 casement window

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
37	A5008B (外框压线) glaze head	1.0	0.25		43	A5009 (内框压线) glaze head	0.8	0.15	
38	A5008C (外框压线) glaze head	0.8	0.18		44	A5009A (内框压线) glaze head	0.8	0.15	
39	A5008D (外框压线) glaze head	1.0	0.24		45	A5009B (内框压线) glaze head	1.0	0.21	
40	A5034Z (外框压线) glaze head	0.9	0.20		46	A5009C (内框压线) glaze head	0.8	0.15	
41	A50ZK-2 (内框压线) glaze head	0.9	0.14		47	A5009D (内框压线) glaze head	1.0	0.18	
42	A50ZK-4 (内框压线) glaze head	1.0	0.19		48	A5033Z (内框压线) glaze head	0.9	0.15	

A50系列外开平开窗型材图
Profiles of series A50 casement window

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
49	A5036 (内框压线) glaze head	1.0	0.25		55	A5001H (边 框) frame	1.2	0.5	
50	A5036A (内框压线) glaze head	1.0	0.23		56	A5001J (Z中挺) transom	1.4	0.762	
51	A5035 (角 码) bracket	2.4	1.61		57	A5001M (边 框) frame	2.0	0.875	
52	A5037 (角 码) bracket	1.30			58	A5001M (转角边框) frame	1.4	1.016	
53	A5001A (窗 框) frame	1.2	0.436		59	A5002A (中 工) transom	1.2 1.4	0.679 0.753	
54	A5001G (边 框) frame	1.4	0.570		60	A5002C (中 工) transom	1.2	0.728	

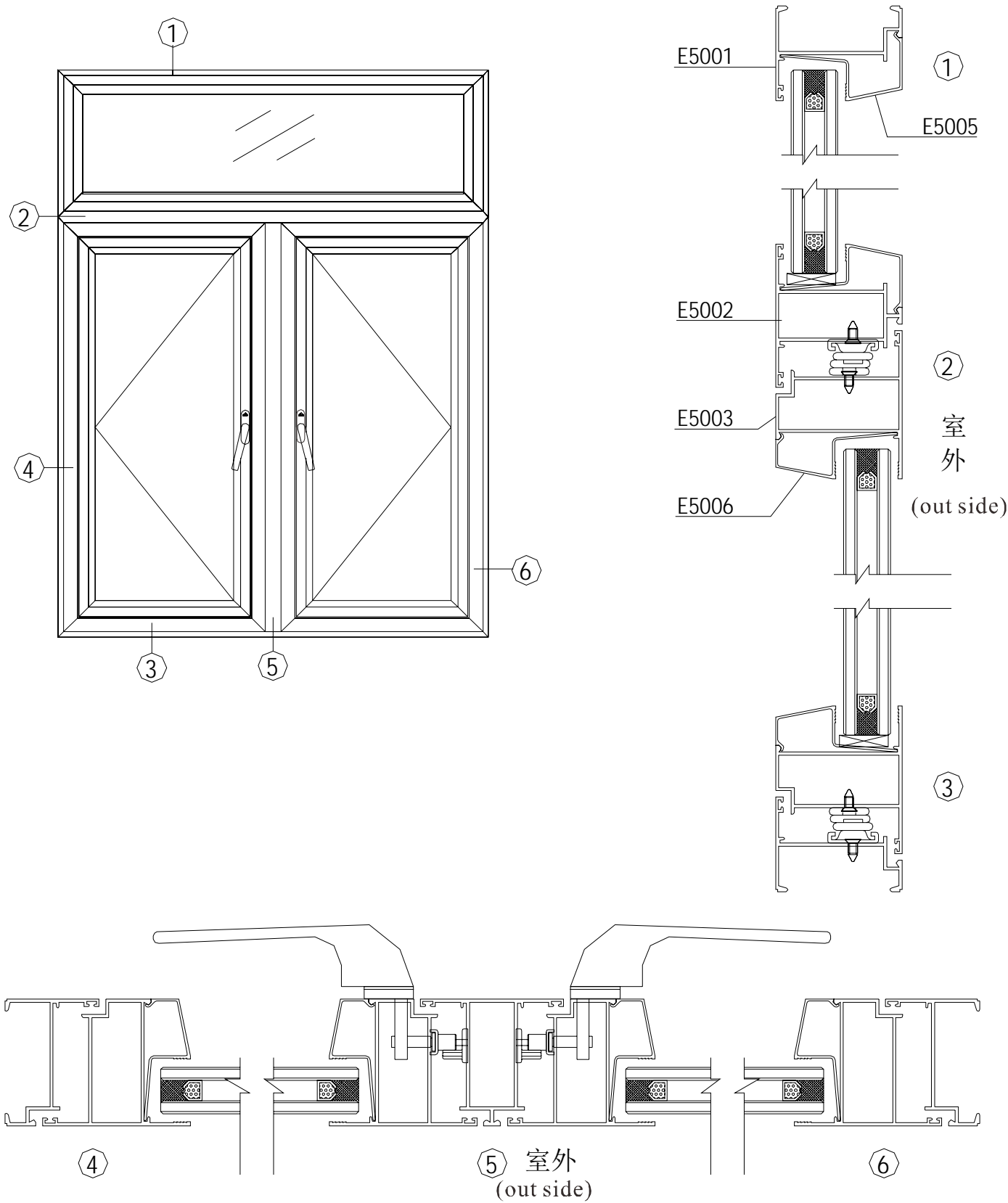
A50系列外开平开窗型材图
Profiles of series A50 casement window

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
61	A5002DQ (中 挺) transom	2.0	1.718		67	A5013 (转 角) corner	1.1 1.4	0.767 0.921	
62	A5002E (加固中工) transom	1.4	0.982		68	A5013B (内转角) corner	1.4	1.023	
63	A5002E (加强中工) transom	1.4	1.564						
64	A5003Q (大平开扇) panel	1.4	0.814						
65	A5003G (窗 玉) panel	1.9	1.010						
66	A5001M (扇 料) panel	2.0	1.174						

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

E50系列外开平开门结构图
Instruction diagram of series E50 swing door



E50系列外开平开门型材图
Profiles of series E50 swing door

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
1	E5001 (外 框) frame	1.4	0.54		7	E5002B (加强中 工) transom	1.4	1.01	
2	E5001A (外 框) frame	2.0	0.72		8	MD5003 (内 框) frame	1.4	0.83	
3	E5001B (外 框) frame	2.0	0.82		9	E5003A (内 框) frame	1.4	0.81	
4	E5001C (外 框) frame	1.4	0.62		10	E5003B (内 框) frame	2.0	1.10	
5	E5002 (中 工) transom	1.4	0.84		11	E5004 (拼 角) sling tube	1.4	1.00	
6	E5002A (加强中工) transom	1.4	1.34		12	E5005 (外框压线) (双玻) glaze head	1.0	0.30	

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

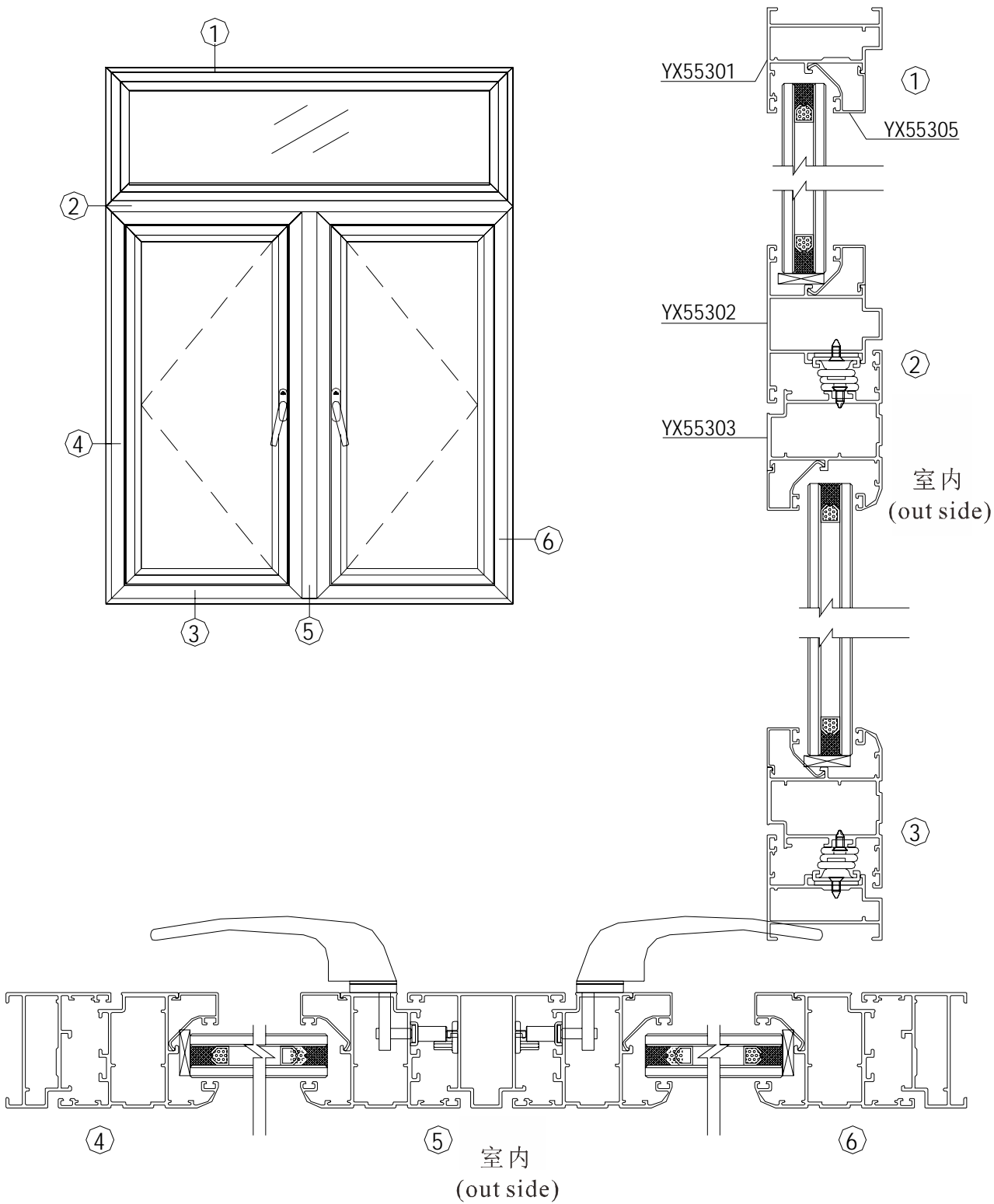
The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

E50系列外开平开门型材图
Profiles of series E50 swing door

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
1	E5005A (外框压线) (单玻) glaze head	1.0	0.54		7				
2	E5006 (内框压线) (双玻) glaze head	1.0	0.25		8				
3	E5006A (内框压线) (单玻) glaze head	1.0	0.23		9				
4	E5007 (窗扇角码) bracket	3.0	2.20		10				
5	E5007A (门扇角码) bracket	3.0	2.16		11				
6					12				

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

YX 553系列外开平开窗结构图
Instruction diagram of series YX 553 casement window



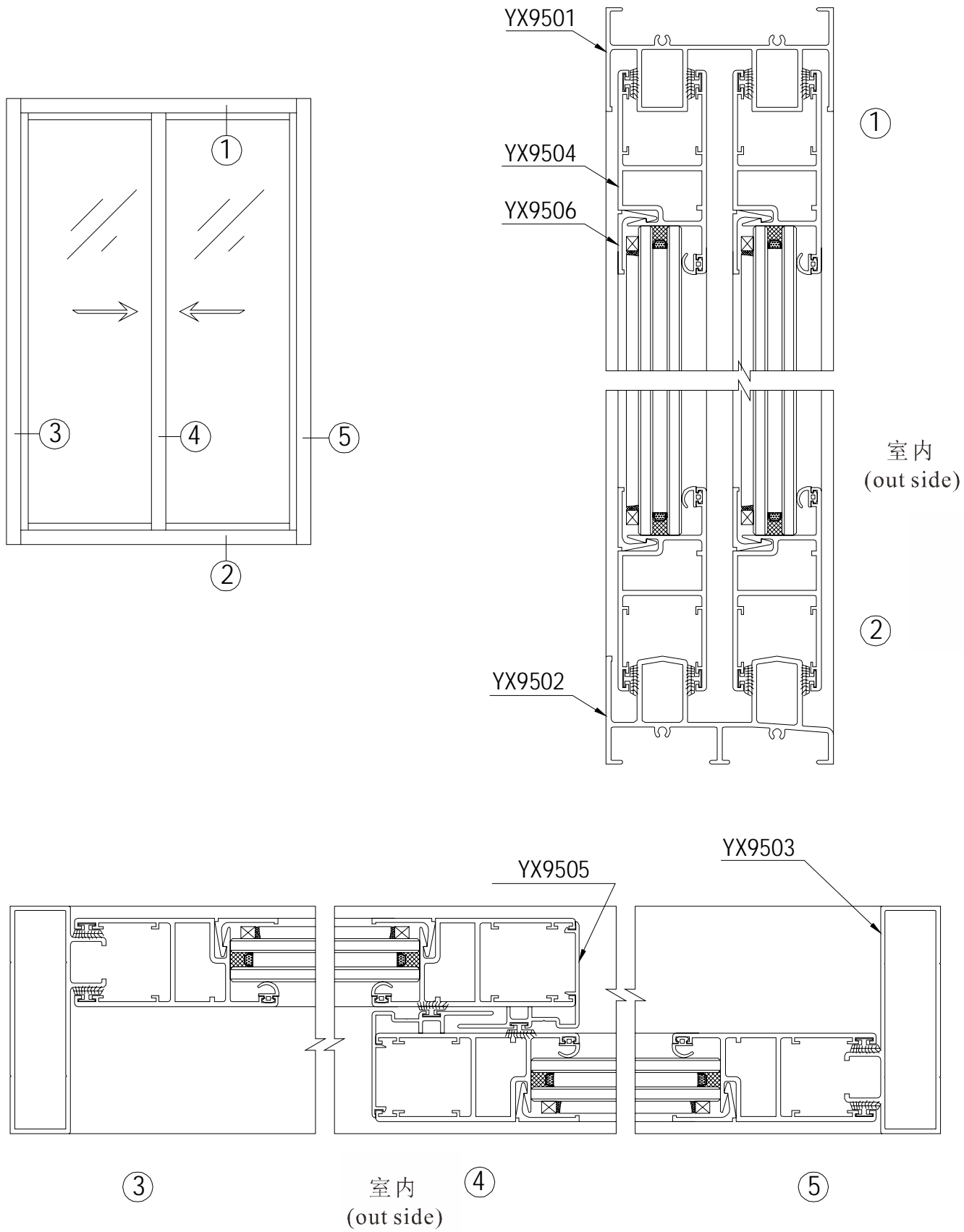
The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

YX 553系列外开平开窗型材图
Profiles of series YX 553 casement window

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
1	YX55301 (外 框) frame	1.4	0.86		7	YX55311 (外 框) frame	2.0	1.30	
2	YX55302 (中 工) transom	1.4	0.94		8	YX55312 (中 工) transom	2.0	1.64	
3	YX55303 (内 框) frame	1.4	1.34		9	YX55303A (内 框) frame	1.4	1.67	
4	YX55304 (内框角 码) bracket	2.30			10	YX55315 (压 线) glaze head	1.0	0.21	
5	YX55305 (压 线) glaze head	1.0	0.21		11	YX55318 (90°转角) corner	2.0	1.55	
6	YX55308 (90°转角) corner	1.4	1.70		12				

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

YX 95系列推拉门结构图
Instruction diagram of series YX 95 sliding door



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

YX 95系列推拉门型材图
Profiles of series YX95 sliding door

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
1	YX9501 (上滑) top transom	1.8	1.69		7	YX9502C (下滑) sill	2.0	0.911	
2	YX9501A (平上滑) top transom	2.0	1.45		8	YX9503 (边封) side jamb	1.8	1.310	
3	YX9501B (上滑) top transom	1.4	1.36		9	YX9503A (边封) side jamb	2.0 2.2	0.931 1.106	
4	YX9502 (下滑) sill	2.0	1.821		10	YX9503B (边封) side jamb	1.4	0.872	
5	YX9502A (下滑) sill	2.0 2.2	1.48 1.723		11	YX9504 (上下方) rail	2.0	1.357	
6	YX9502B (下滑) sill	1.4	1.57		12	YX9504B (上下方) rail	2.0	1.254	

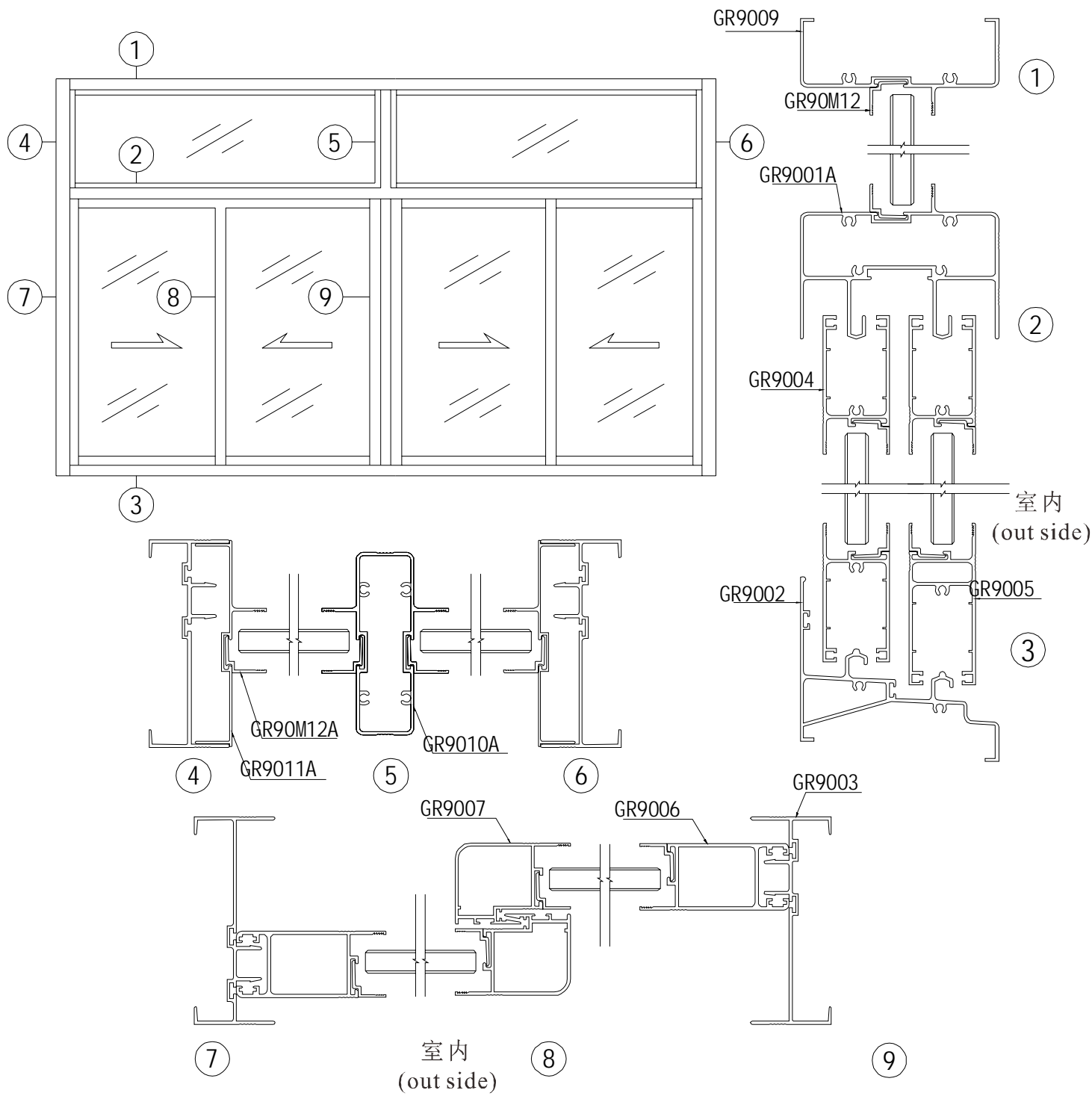
YX 95系列推拉门型材图
Profiles of series YX95 sliding door

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
13	YX9505 (组合勾企) lock stile	1.5	0.487		19	YX9506E (玻璃托)	1.5	0.248	
					20	YX9507A (收口) cover	2.0	0.431	
14	YX9506 (玻璃托)	1.8	0.217		21	YX9507B (收口) cover	1.7	0.377	
15	YX9506E (玻璃托)	1.5	0.248		22	YX9508 (角码) bracket	3.0	2.836	
16	YX9506A (内框压线) glaze head	1.5	0.317		23	YX9512 (压线) glaze head	1.1	0.201	
17	YX9506B (勾企) lock stile	1.4	1.17		24	YX9525 (上下方) rail	2.0	1.285	
18	YX9506D (玻璃托)	1.5	0.320		25	YX9526 (光企) stile	2.0	1.14	

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

GR 90系列推拉窗结构图
Instruction diagram of series GR90 sliding window



GR 90系列推拉门型材图
Profiles of series GR90 sliding door

序号	代号/名称	T(mm)	重量(kg/m)	图 例	序号	代号/名称	T(mm)	重量(kg/m)	图 例
1	GR9001 平上滑 top transom	1.4	1.08		7	GR9002B 下滑 sill	1.4	1.21	
2	GR9001A 固上滑 top transom	1.4	1.615		8	GR9002C 中下滑 sill	1.4	1.47	
3	GR9001B 平上滑 top transom	1.4	1.08		9	GR9003 边封 frame	1.4	0.785	
4	GR9001C 上固定 head	1.4	0.725		10	GR9003A 边框带固定 frame	1.4	1.20	
5	GR9002 下滑 sill	1.4	1.19		11	GR9003B 边框 frame	1.4	0.78	
6	GR9002A 管下滑 sill	1.4	1.457		12	GR9003C 边框带固定 frame	1.4	1.18	

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

GR 90系列推拉门型材图
Profiles of series GR90 sliding door

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
1	GR9004 上方 top rail	1.4	0.99		7	GR9007 勾企 lock stile	1.4	0.725	
2	GR9004A 上方 top rail	1.4	0.63		8	GR9007A 勾企 lock stile	1.4	0.653	
3	GR9005 下方 bottom rail	1.4	0.646		9	GR9007B 勾企 lock stile	1.4	0.642	
4	GR9005A 下方 bottom rail	1.4	0.814		10	GR9007C 勾企 lock stile	1.4	0.64	
5	GR9006 光企 stile	1.4	0.753		11	GR9008A 上固定 head	1.4	0.718	
6	GR9006A 光企 stile	1.4	0.741		12	GR9009 上固 head	1.4	0.729	

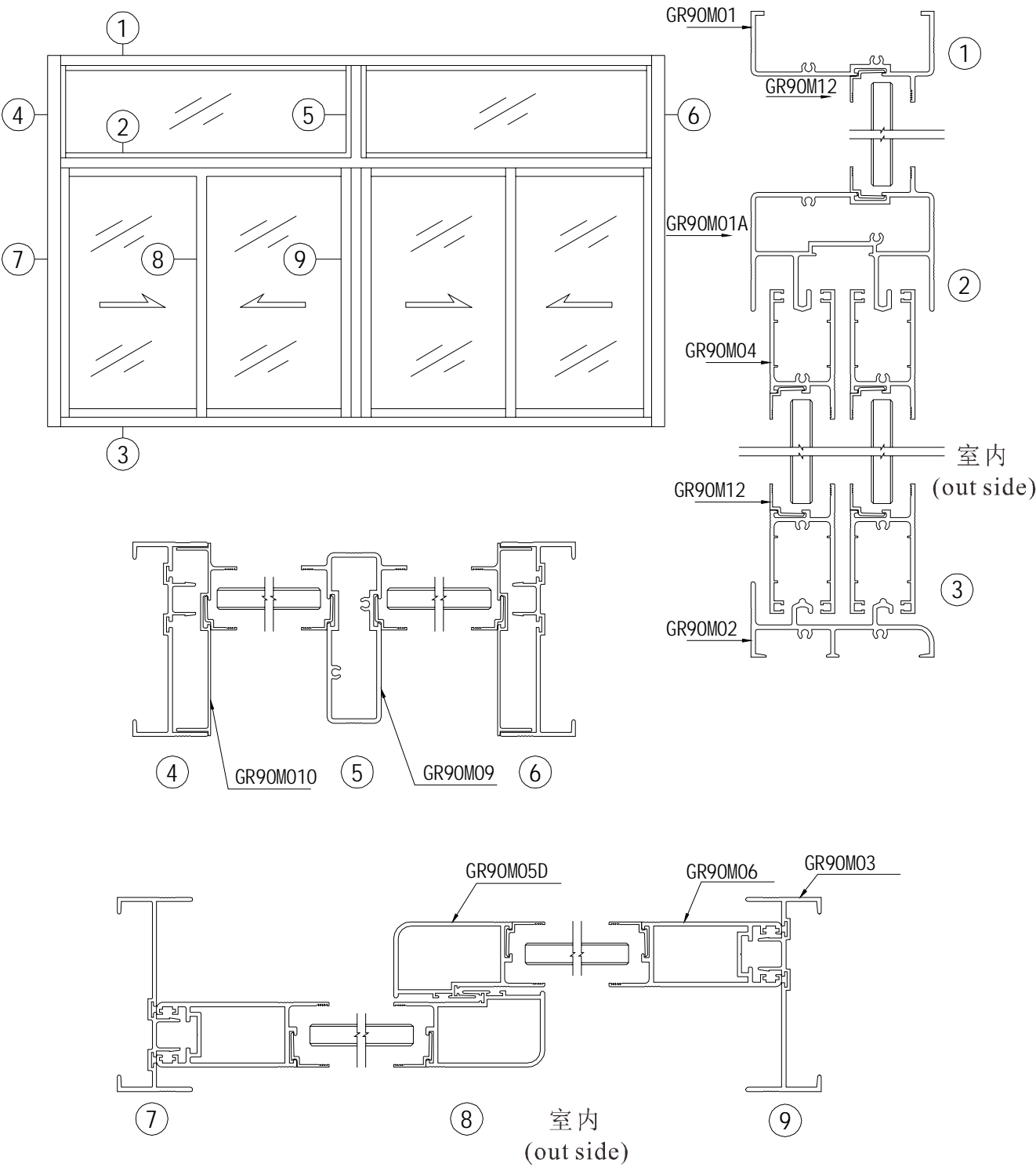
The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

GR 90系列推拉门型材图
Profiles of series GR90 sliding door

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
3	GR9010A 中立柱 transom	1.4	0.646		6	GR9012 转角 corner	1.4	1.61	
4	GR9011 盖板 cover	1.2	0.47						
5	GR9011A 盖板 cover	1.0	0.41		7	GR9012A 转角 corner	1.4	1.59	

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

GR90M系列推拉窗结构图
Instruction diagram of series GR90M sliding window



GR90M系列推拉窗型材图
Profiles of series GR90M sliding window

序号	代号/名称	T(mm)	重量(kg/m)	图 例	序号	代号/名称	T(mm)	重量(kg/m)	图 例
1	GR90M01 上固定 head	2.0	0.96		7	GR90M03 边封 side jamb	2.0	1.02	
2	GR90M01A 中上滑 top transom	2.0	2.213		8	GR90M03A 边封 side jamb	2.0	1.02	
3	GR90M01B 上固定 head	2.0	0.95		9	GR90M04 上下方 rail	2.0	0.859	
4	GR90M01C 中上滑 top transom	2.0	2.15		10	GR90M04B 上下方 rail	2.0	0.94	
5	GR90M01D 上滑 top transom	2.0	1.43		11	GR90M05 勾企 lock stile	2.0	1.08	
6	GR90M02 下滑 sill	2.0	1.13		12	GR90M05A 勾企 lock stile	2.0	1.08	

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

GR90M系列推拉窗型材图
Profiles of series GR90M sliding window

序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
1	GR90M05B 勾企 lock stile	2.0	1.34		7	GR90M06 光企 stile	2.0	1.22	
2	GR90M05C 勾企 lock stile	2.0	1.41		8	GR90M06A 光企 stile	2.0	1.16	
3	GR90M05D 勾企 lock stile	2.0	1.03		9	GR90M06B			
4	GR90M05E 勾企 lock stile	2.0	1.04		10	GR90M09 中立柱 transom	2.0	1.34	
5	GR90M05F 勾企 lock stile	2.0	1.25		11	GR90M09A 中立柱 transom	2.0	1.27	
6	GR90M05G 勾企 lock stile	2.0	1.26		12	GR90M010 盖板 cover	1.2	0.471	

GR90M系列推拉窗型材图
Profiles of series GR90M sliding window

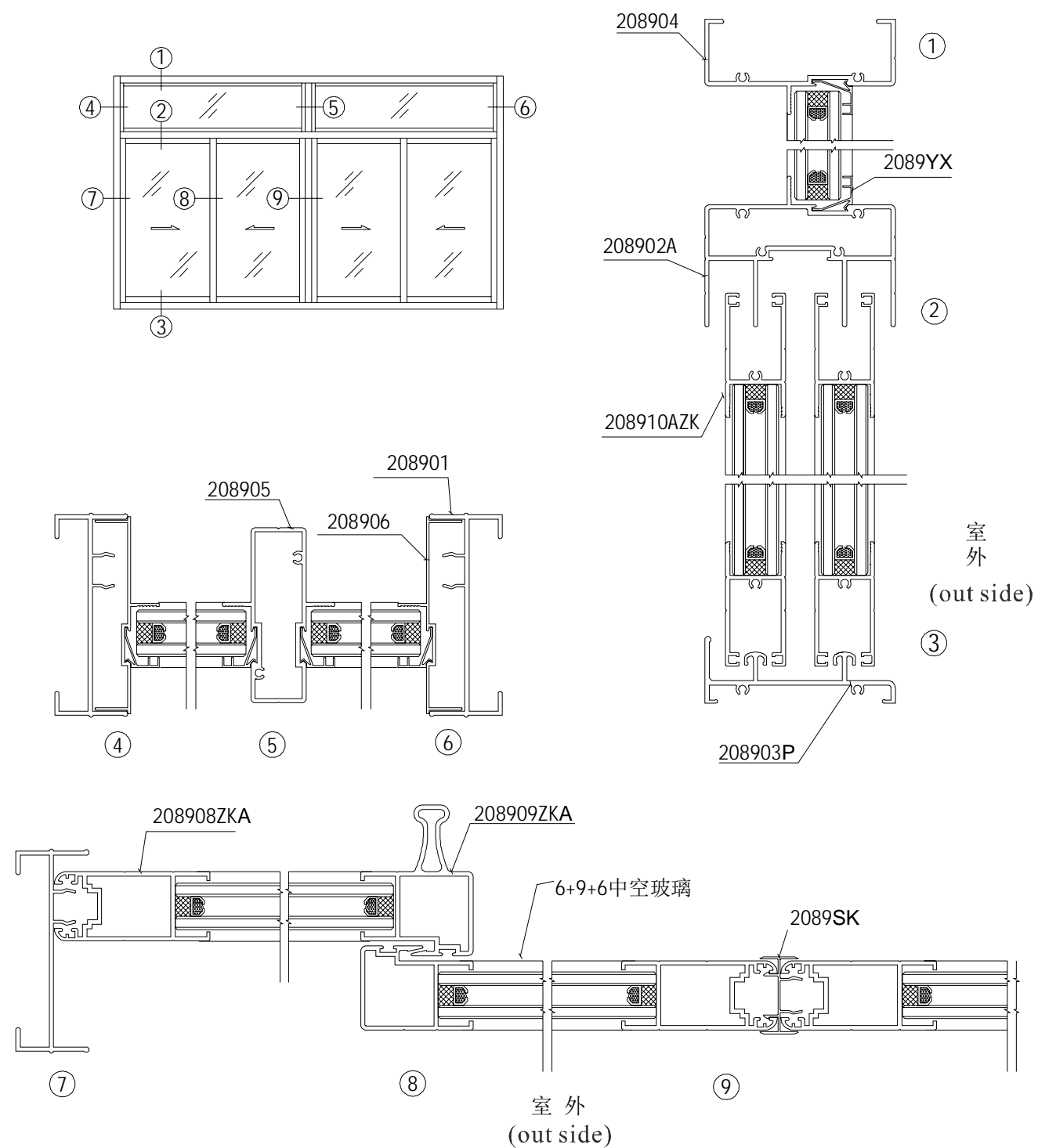
序号	代号/名称	T(mm)	重量 (kg/m)	图 例	序号	代号/名称	T(mm)	重量 (kg/m)	图 例
1	GR90M010A 盖 板 cover	1.0	0.41		7				
2	GR90M11 收口 cover	1.2	0.329		8				
3	GR90M12 中空压线 glaze head	1.2	0.094		9				
4	GR90M12A 中空压线 glaze head	1.2	0.105		10				
5					11				
6					12				

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY

2089系列推拉窗结构图

Instruction diagram of series 2089 sliding window

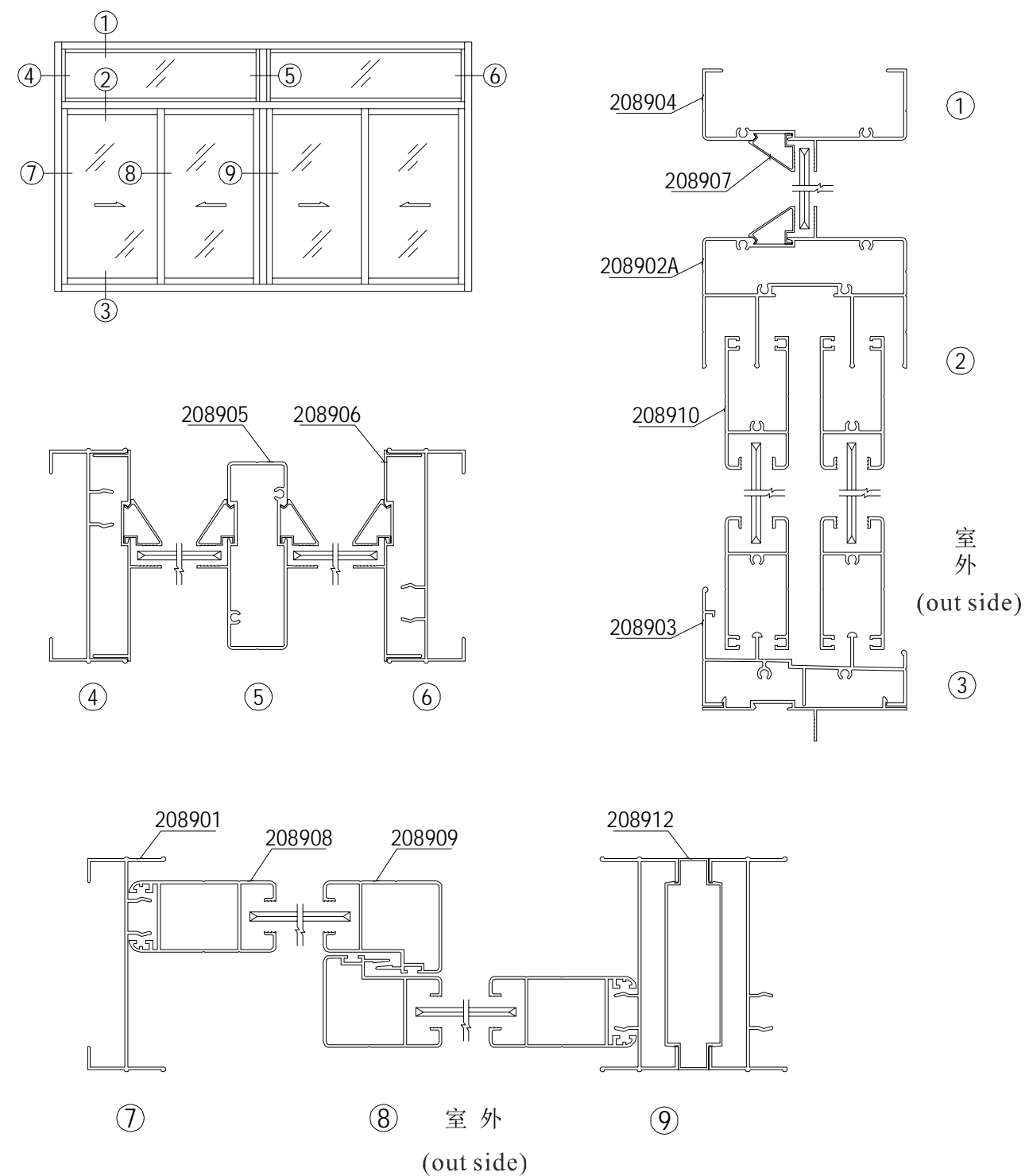


The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is base on the loading weight.

WISE BUILD, HELP YOU BUILD WISELY

2089系列推拉窗结构图

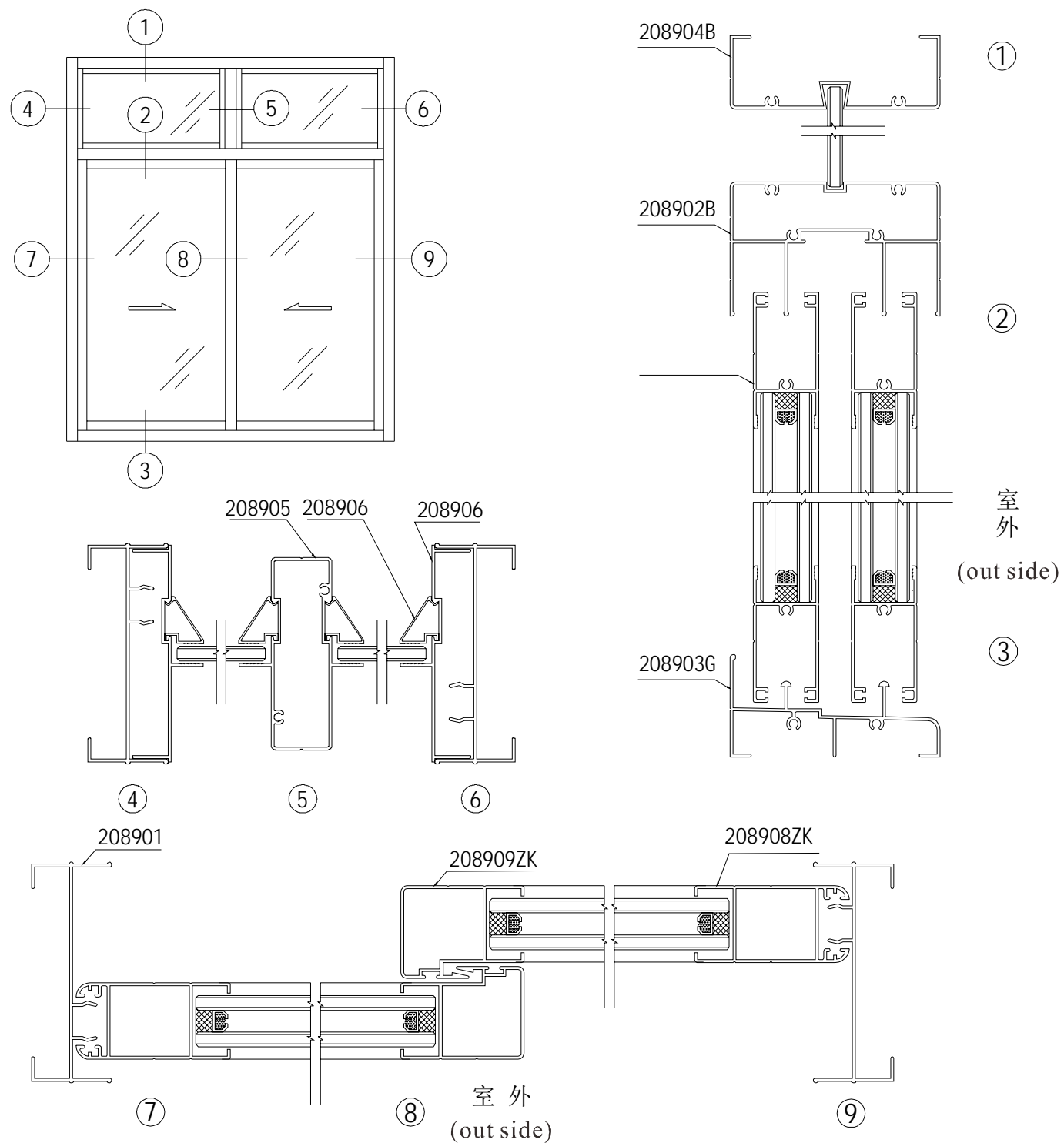
Instruction diagram of series 2089 sliding window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is base on the loading weight.

2089系列推拉窗结构图

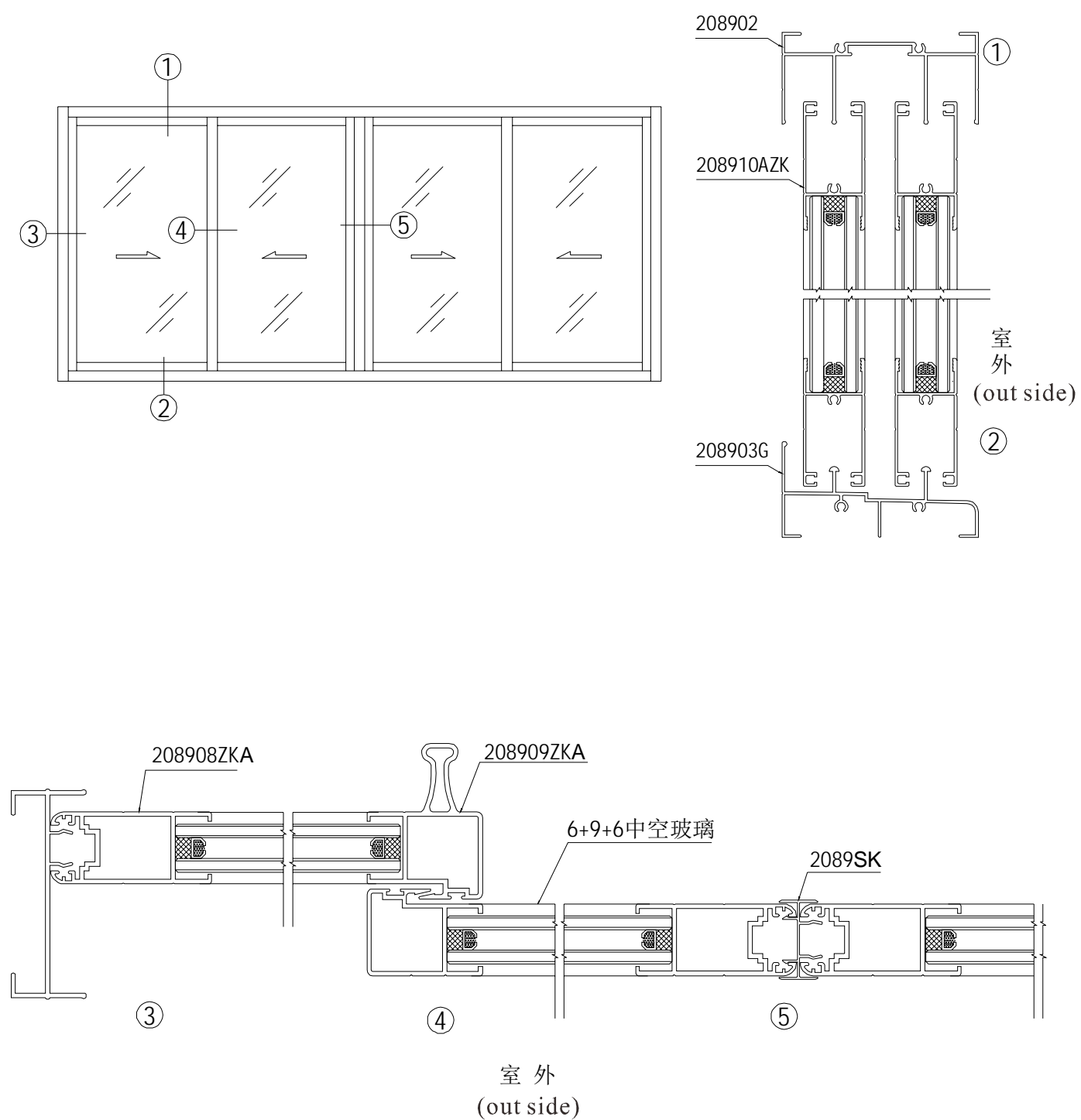
Instruction diagram of series 2089 sliding window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is based on the loading weight.
WISE BUILD, HELP YOU BUILD WISELY

2089系列推拉窗结构图

Instruction diagram of series 2089 sliding window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is based on the loading weight.
WISE BUILD, HELP YOU BUILD WISELY