

Flag type (Table of Models with Specifications)

Model number			Type of door	Door size applicable (mm)			Door weight (kg) (Max)	Closing force (N·m)	Stop mechanics	Stop angle	Max. Opening angle	Color					
	Right hand opening	Left hand opening		W (Max)	H (Max)	D (Min)											
300 Series	Empty hinge	311S (Available for both right and left)		Wooden door Aluminum door	800	2000	30	30	5.0	○	85°~180° (Free stop)	180° Left or right one side opening	Silver Bronze Ivory Gold				
		310 (Available for both right and left)							—	—	—						
1000 Series		1111R	1111L	Wooden door Aluminum door Light steel door	850	2000	30	35	7.9	—	—	180° Left or right one side opening	Silver				
		1111SR	1111SL							○	85°		Bronze				
		1121R	1121L							—	—		Silver				
		1121SR	1121SL							○	85°		Bronze				
		1111FR	1111FL							○	85°~180° (Free stop)		Silver				
		1121FR	1121FL							○	85°~180° (Free stop)		Bronze				
		1211R	1211L							—	—		Silver				
		1211SR	1211SL							○	85°		Bronze				
		1221R	1221L							—	—		Silver				
		1221SR	1221SL						○	85°	Bronze						
		1211FR	1211FL						○	85°~180° (Free stop)	Silver						
		1221FR	1221FL						○	85°~180° (Free stop)	Bronze						
	Empty hinge	1110R	1110L					—	—	—	Silver						
		1120R	1120L								Bronze						
		1210R	1210L								Silver						
		1220R	1220L								Bronze						
2000 Series	Empty hinge	2211R	2211L	Wooden door Aluminum door Light steel door	800	2000	30	30	—	—	—	180° Left or right one side opening	Silver				
		2211WR	2211WL														
		2210R	2210L														
		2210WR	2210WL														
100 Series		112R	112L	Wooden door Light steel door (122T for steel frame)	900	2100		40	10.0	—	—	180° Left or right one side opening	Silver or Bronze				
		112SR	112SL							○	85° and 150°						
		122R-T	122L-T							—	—						
		122SR-T	122SL-T							○	85° and 150°						
		113R	113L	Wooden door Aluminum door	1000	2200	60	15.0	—	—	Silver						
		113SR	113SL						○	85° and 150°							
		113R TRISET	113L TRISET						—	—							
		113SR TRISET	113SL TRISET						○	85° and 150°							
		122R-AT	122L-AT	Wooden door Light steel door Steel frame			40	10.0	—	—	Silver						
		122SR-AT	122SL-AT						○	85° and 150°							
		132R	132L	Aluminum door Light steel door Partition door					—	—	Silver						
		132SR	132SL						○	85° and 150°							
		143R-T	143L-T	Steel door	900	2100	60	15.0	—	—	Silver						
		143SR-T	143SL-T						○	85° and 150°							
		143R-AT	143L-AT						—	—							
		143SR-AT	143SL-AT						○	85° and 150°							
	Empty hinge		110R	110L	Wooden door Light steel door (120T for steel frame)	900	2100	40	—	—	—	Silver or Bronze					
			120R-T	120L-T													
			120R-AT	120L-AT													
			130R	130L	Aluminum door Light steel door Partition door								60	—	—	Silver	
140R-T			140L-T														
140R-AT			140L-AT														
200 Series	Empty hinge	234R	234L	Heavy wooden door Aluminum door Steel door	1200	2100	40	120	22.6	—	—	180° Left or right one side opening	Silver				
		234SR	234SL							○	85° and 150°						
		244R-T	244L-T	Steel door											—	—	Silver
		244SR-T	244SL-T												○	85° and 150°	
			230R	230L					Heavy wooden door Aluminum door Steel door				—	—	—	Silver	
			240R-T	240L-T					Steel door								

Model number			Type of door	Door size applicable (mm)			Door weight (kg) (Max)	Closing force (N·m)	Stop mechanics	Stop angle	Max. Opening angle	Color	
	Right hand opening	Left hand opening		W (Max)	H (Max)	D (Min)							
700 Series		733R	733L	Aluminum door Stainless door Steel door	900	2100	40	120	15.0	—	—	180° Left or right one side opening	Shine gray
		733SR	733SL							○	85° and 150°		
	Empty hinge	730R	730L						—	—	—		
100PC Series		113R-PC	113L-PC	Wooden door Aluminum door Light steel door	900	2100	30	40	15.0	—	—	180° Left or right one side opening	Silver
		113SR-PC	113SL-PC							○	85° and 150°		
		133R-PC	133L-PC							Aluminum door Light steel door	—		
		133SR-PC	133SL-PC	○							85° and 150°		
		143R-T-PC	143L-T-PC	Steel door				60	—	—			
		143SR-T-PC	143SL-T-PC						○	85° and 150°			
	Empty hinge	110R-PC	110L-PC	Wooden door Light steel door				40	—	—	—		
		130R-PC	130L-PC	Aluminum door Light steel door									
		140R-T-PC	140L-T-PC	Steel door									
200PC Series		234R-PC	234L-PC	Heavy wooden door Aluminum door Steel door	1200	2100	40	120	22.6	—	—	180° Left or right one side opening	Silver
		234SR-PC	234SL-PC							○	85° and 150°		
		244R-T-PC	244L-T-PC	Steel door						—	—		
		244SR-T-PC	244SL-T-PC							○	85° and 150°		
	Empty hinge	230R-PC	230L-PC	Heavy wooden door Aluminum door Steel door					—	—	—		
		240R-T-PC	240L-T-PC	Steel door									

NK Series	NK153R-SC		NK153L-SC		Glass door	900	2100	8 10 12	60	15.0	—	—	180° Left or right one side opening	Shine gray
	NK153SR-SC		NK153SL-SC								○	85° and 150°		
	NK153R TRISET-SC		NK153L TRISET-SC							20.0	—	—		
	NK153SR TRISET-SC		NK153SL TRISET-SC			○	85° and 150°							
	Empty hinge	NK150R-SC	NK150L-SC			—	—	—						

One set comes as a pair of hinges; a spring hinge and a damper hinge (except for empty hinges).

The models including "R" in the model number are for the right-hand opening doors, and "L" are for the left-hand opening doors. The 300 series is non handed, can be used for both right-hand and left-hand opening doors.

Choose left-hand or right-hand opening type when ordering.

The models including "S" in the model number come with a hold stop function (with internal stop mechanism).

The models with "T" or "AT" at the end of the model number have tap holes (M6) on the hinge leaf. Same model without tap holes are also available. (Example: 143R-T with tap holes, 143R without tap holes)

The empty hinges come as a single set.

