

# 各蝶番に対する参考扉重量

## Reference of Door Weight for Hinges

●記載の参考扉重量は、蝶番を2個使用し、縦使いをした場合の目安の値です。

図1のように、蝶番2個の距離をA、蝶番回転中心から扉重心までの距離をBとし、「A:B=2:1」となるように取り付けした場合のものです。

「A:B=1:1」の場合は、扉モーメントが2倍になるので扉重量は記載値の半分、「A:B=4:1」の場合は、扉モーメントが半分になるので扉重量は記載値の2倍までとなります。

Figure 1 shows the door weight of using 2 hinges as [A:B=2:1]

When [A:B=1:1], the reference door weight will be half of the below value. When [A:B=4:1], the reference door weight will be double of the below value.

図2のように、横使いをした場合は、A:Bの比率に関係なく、記載の値となります。こちらも蝶番を2個使用した場合の値です。

The numeric value will be the value listed for figure 2.

※参考扉重量は、荷重試験等のデータから設定しておりますが、実装におきましては、扉形状・動作範囲・使用頻度等が影響を及ぼします。また、取付穴のない蝶番では溶接の方法・箇所によっても値は異なります。記載値はあくまでも「参考扉重量」であり、保障値ではありません。

Chart is for reference and not for guaranteed performance.

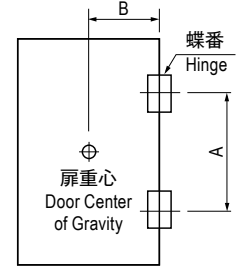


図1: 蝶番取付寸法図 (縦使い)  
Figure 1. Vertical use

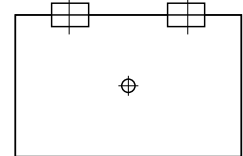


図2: 蝶番取付図 (横使い)  
Figure 2. Horizontal use

■参考扉重量 (図1・2のように取り付け、蝶番を2個使用した場合の値です。)

Reference Door Weight (2 hinges are used)

型番 Model No.	扉重量 (kg) Door Weight (kg)	型番 Model No.	扉重量 (kg) Door Weight (kg)	型番 Model No.	扉重量 (kg) Door Weight (kg)	型番 Model No.	扉重量 (kg) Door Weight (kg)	型番 Model No.	扉重量 (kg) Door Weight (kg)	型番 Model No.	扉重量 (kg) Door Weight (kg)
TH-TM-2	2	TH-TM-67	8	TH-TM-107	6	TH-29	6	TH-73-2	7	TH-84D-3	120
TH-TM-4	1.5	TH-TM-68	10	TH-TM-109	8	TH-30	10	TH-73-3	5	TH-94-3	30
TH-TM-5	3	TH-TM-69	18	TH-TM-112	2	TH-31	10	TH-75	16	TH-94-4	30
TH-TM-6	3	TH-TM-72	1	TH-TM-113	2	TH-33	4	TH-77-1	12	TH-94-5	50
TH-TM-10	4	TH-TM-73	1	TH-TM-114	2	TH-34	8	TH-77-2	7	TH-94-6	55
TH-TM-11	5	TH-TM-74	3	TH-TM-115	2	TH-39-1	12	TH-77-3	7	TH-94SUS-1	22
TH-TM-20	1.5	TH-TM-75	1.5	TH-TM-116	4	TH-40	6	TH-77SUS-1	15	TH-94SUS-2	28
TH-TM-21	2.5	TH-TM-76	5	TH-TM-122	5	TH-41	5	TH-77SUS-2	9	TH-94SUS-3	35
TH-TM-22	2.5	TH-TM-77	6	TH-TM-123	6	TH-42	3	TH-77SUS-3	9	TH-94SUS-5	60
TH-TM-23	3	TH-TM-78	8	TH-TM-125	12	TH-44	10	TH-78-1	3	TH-94SUS-7	85
TH-TM-24	5	TH-TM-79	9.5	TH-4-1	4	TH-46-1	3	TH-78-2	4	TH-109	60
TH-TM-25	5	TH-TM-80	8	TH-4-2	2.5	TH-46-2	2.5	TH-78-3	5	TH-110	60
TH-TM-26	6.5	TH-TM-84	2	TH-4-3	3	TH-46-3	1	TH-78-4	7	TH-116-1	60
TH-TM-27	2	TH-TM-84SUS	2	TH-8	4	TH-47-1	3	TH-78-5	8	TH-117-1	22
TH-TM-28	3	TH-TM-85	2	TH-9	4	TH-47-2	2.5	TH-78-6	8	TH-117-2	30
TH-TM-29	6.5	TH-TM-85SUS	2	TH-10	3	TH-47-3	1	TH-78-7	10	TH-117-3	50
TH-TM-35	1	TH-TM-86	1.5	TH-10SUS	5	TH-48-1	3	TH-78-8	11	TH-118-1	6.5
TH-TM-36	25	TH-TM-86SUS	2	TH-11	1.5	TH-48-2	2.5	TH-78-9	12	TH-118-2	6.5
TH-TM-37	25	TH-TM-87	2	TH-11SUS	2	TH-48-3	1	TH-78-10	13	TH-119-1	7
TH-TM-38	25	TH-TM-87SUS	2	TH-14	4	TH-51	45	TH-78SUS-1	3	TH-119-2	7
TH-TM-39	1.5	TH-TM-88	5	TH-15	4	TH-51SUS	40	TH-78SUS-2	4	TH-124-1	30
TH-TM-40	1.5	TH-TM-88SUS	6	TH-18	4	TH-52-1	7	TH-78SUS-3	5	TH-124-2	55
TH-TM-41	1.5	TH-TM-89	7	TH-21-1	1	TH-52-2	11	TH-78SUS-4	7	TH-124-3	80
TH-TM-42	2	TH-TM-89SUS	7	TH-21-2	3	TH-52-3	18	TH-78SUS-5	8	TH-124-4	90
TH-TM-43	11.5	TH-TM-90	8	TH-21-3	3.5	TH-54-4	5	TH-78SUS-6	8	TH-127-1	35
TH-TM-44	13.5	TH-TM-90SUS	12	TH-22	6.5	TH-54-5	6	TH-78SUS-7	10	TH-127-2	30
TH-TM-45	12.5	TH-TM-91	16	TH-22SUS	6.5	TH-54-6	9	TH-78SUS-8	11	TH-127-3	30
TH-TM-46	17.5	TH-TM-91SUS	18	TH-23	7	TH-54-7	7	TH-78SUS-9	12	TH-127-4	25
TH-TM-50	2.5	TH-TM-92	20	TH-24	4	TH-58	55	TH-78SUS-10	13	TH-128	4
TH-TM-52	7	TH-TM-95	12.5	TH-25	3	TH-58SUS	50	TH-81	25	TH-129-1	12
TH-TM-53	9	TH-TM-96	12.5	TH-25SUS	4.5	TH-60-1	18.5	TH-81SUS	30	TH-129-2	10
TH-TM-55	8	TH-TM-97	7	TH-27-1	1.5	TH-60-2	17.5	TH-82	8.5	TH-129-3	8
TH-TM-57	5	TH-TM-98	12.5	TH-27-2	2	TH-60-3	14.5	TH-83	18	TH-129-4	6
TH-TM-62	2	TH-TM-99	18	TH-27-10	2.5	TH-62	8	TH-84-1	90	TH-129-5	4
TH-TM-63	2	TH-TM-100	2	TH-27-12	7	TH-62B	6	TH-84-2	130	TH-135-1	40
TH-TM-64	2	TH-TM-101	2	TH-27-13	6	TH-62SUS	7	TH-84-3	120	TH-135-2	40
TH-TM-65	2	TH-TM-102	2	TH-27-16	3	TH-71	20	TH-84D-1	84	TH-135-3	35
TH-TM-66	6	TH-TM-104	3.2	TH-27-17	3	TH-73-1	12	TH-84D-2	85		

次ページ以降 (一部除く) の製品それぞれに表記している「扉重量 (kg)」欄も、本ページの図1・2のように取り付け、蝶番を2個使用した場合の値です。ご注意ください。

Please make sure that door weight (kg) which is indicated in each product's part list from the next page (except a part) is also the value when using 2 hinges as figure 1 and 2 on this page.