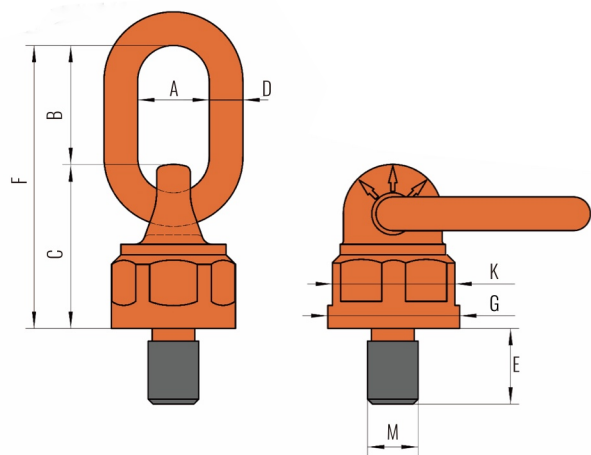




- 360 ° rotation&230 ° force range, built-in ball structure, uniform force distribution, smooth rotation. When the direction of force changes, the lifting ring rotates with the direction of force without twisting.
- The load that can be lifted varies depending on the direction of force, but a safety factor of 4 is guaranteed.
- High strength, the bolts are made of precision forged alloy steel, and the tensile strength after quenching and tempering is greater than 1080 MPa. The surface of the lifting ring is electrostatically sprayed to improve its anti-corrosion ability.



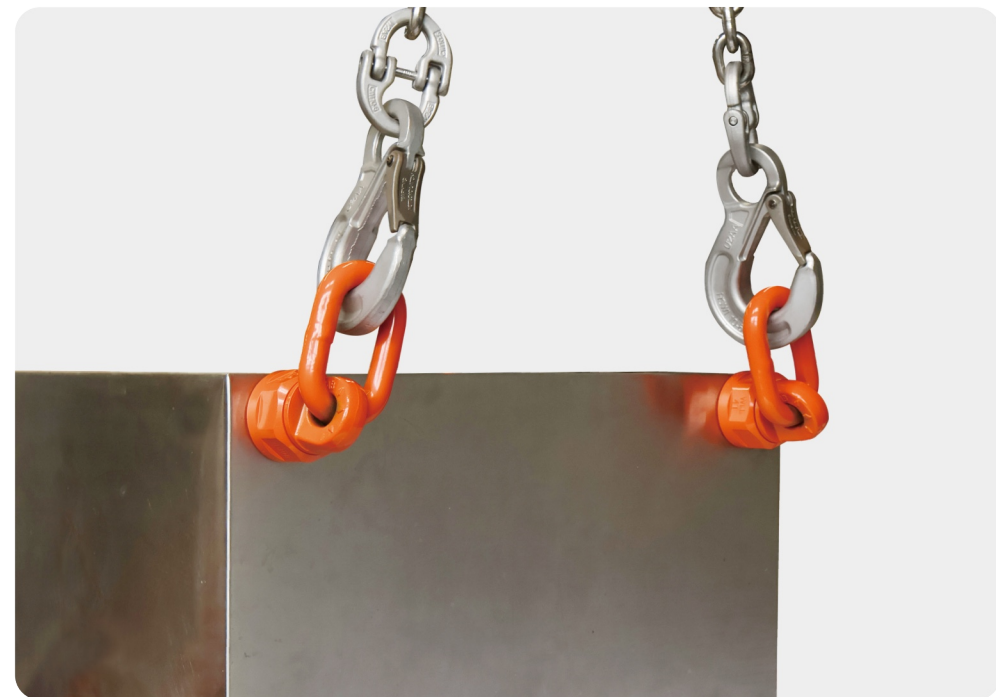
- Complete thread specifications and wide rated load range (M8-M150, 0.4T-50.0T): Thread sizes can be customized according to customer requirements (extended, shortened, coarse, fine, metric, American, etc.).
- The hexagonal design of the lifting ring base allows for easy installation of the lifting point on the lifted object.
- After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. Mark the rated load and thread diameter on the lifting ring.

SWIVEL HOIST RING

Metric Thread

ITEM NO	WLL/T	M	Technical Parameter mm								Nm	Kg
			E	A±2	B±3	C	D	F±3	G	K		
YD083-M8	0.40	8×1.25	12.0	30	43.5	54.0	12	97.5	40	37.0	10-40	0.44
YD083-M10	0.60	10×1.50	19.0	30	43.5	54.0	12	97.5	40	37.0	10-40	0.45
YD083-M12S	0.70	12×1.75	19.0	30	43.5	54.0	12	97.5	40	37.0	15-40	0.45
YD083-M14	1.25	14×2.00	31.8	30	43.5	54.0	12	97.5	40	37.0	30-100	0.45
YD083-M16S	1.50	16×2.00	31.8	30	43.5	54.0	12	97.5	40	37.0	45-130	0.48
YD083-M12B	1.05	12×1.75	19.0	34	54.5	78.0	16	132.5	59	54.5	15-40	1.15
YD083-M16B	1.90	16×2.00	30.0	34	54.5	78.0	16	132.5	59	54.5	45-130	1.35
YD083-M18S	1.90	18×2.50	30.0	34	54.5	78.0	16	132.5	59	54.5	100-170	1.35
YD083-M20S	2.00	20×2.50	30.0	34	54.5	78.0	16	132.5	59	54.5	100-170	1.40
YD083-M22S	2.00	22×2.50	30.0	34	54.5	78.0	16	132.5	59	54.5	100-170	1.40
YD083-M24S	3.15	24×3.00	30.0	34	54.5	78.0	16	132.5	59	54.5	190-280	1.40
YD083-M18B	2.00	18×2.50	38.1	40	67.0	93.0	20	160.0	70	64.5	100-170	2.30
YD083-M20B	2.50	20×2.50	38.1	40	67.0	93.0	20	160.0	70	64.5	100-170	2.30
YD083-M22B	2.50	22×2.50	38.1	40	67.0	93.0	20	160.0	70	64.5	100-170	2.35
YD083-M24B	4.00	24×3.00	38.1	40	67.0	93.0	20	160.0	70	64.5	190-280	2.35
YD083-M27	4.00	27×3.00	38.1	40	67.0	93.0	20	160.0	70	64.5	250-500	2.35
YD083-M30S	5.00	30×3.50	35.0	40	67.0	93.0	20	160.0	70	64.5	270-600	2.50
YD083-M30B	6.00	30×3.50	50.0	51	95.0	111.0	22	206.0	79	74.0	270-600	3.75
YD083-M33	7.50	33×3.50	50.0	51	95.0	111.0	22	206.0	79	74.0	270-600	3.80
YD083-M36	10.00	36×4.00	54.0	51	95.0	111.0	22	206.0	79	74.0	270-600	3.90
YD083-M39	10.00	39×4.00	58.0	51	95.0	111.0	22	206.0	79	74.0	350-800	4.00
YD083-M42	13.00	42×4.50	63.0	65	108.0	122.5	26	230.5	93	85.0	350-800	5.90
YD083-M45	13.00	45×4.50	68.0	65	108.0	122.5	26	230.5	93	85.0	350-800	6.00
YD083-M48	14.00	48×5.00	68.0	65	108.0	122.5	26	230.5	93	85.0	350-800	6.15
YD083-M52	20.00	52×5.00	84.0	70	120.0	158.0	32	278.0	105	95.0	350-900	10.00
YD083-M56	20.00	56×5.50	84.0	70	120.0	158.0	32	278.0	105	95.0	350-900	10.00

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements. B is the general structure, S is the small body structure.

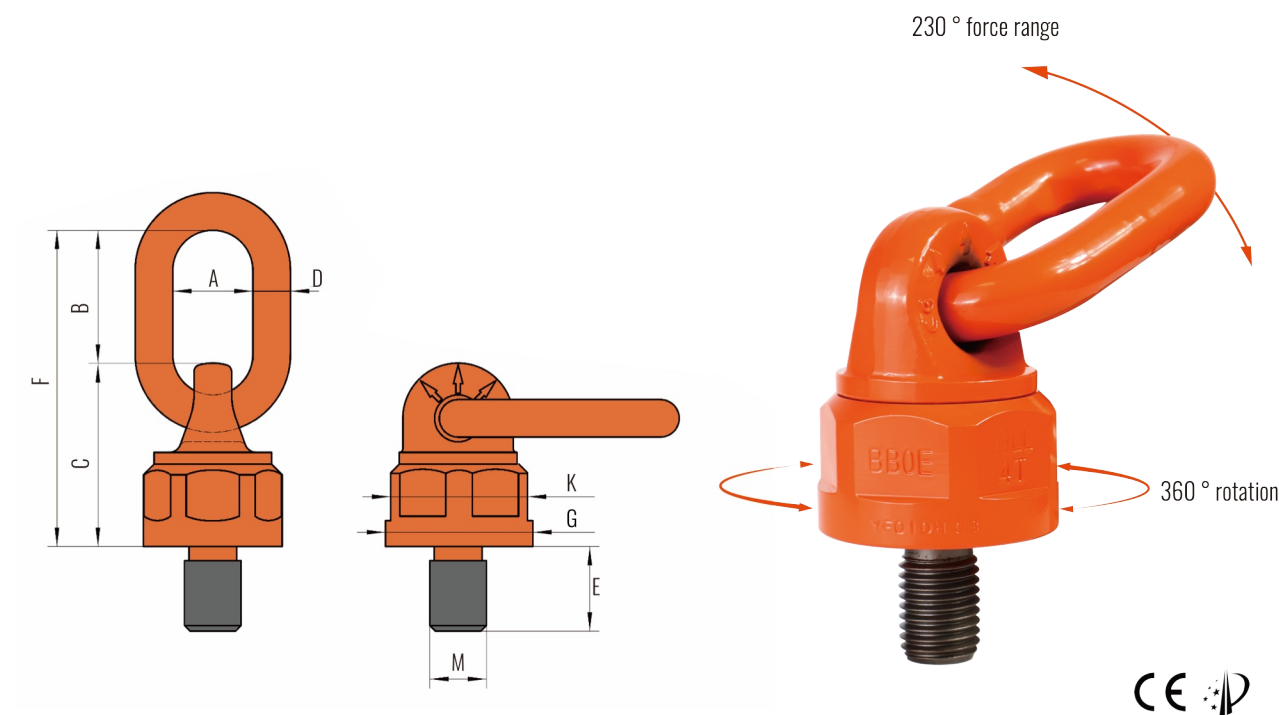


Lifting method



Number		1	2	1	2	2		2	3-4		3-4
Lifting angle		0°	0°	90°	90°	0-45°	45-60°	asymmetric	0-45°	45-60°	asymmetric
ITEM NO	M	Working limit load / T									
YD083-M8	8	0.6	1.2	0.40	0.8	0.6	0.4	0.4	0.8	0.6	0.4
YD083-M10	10	0.9	1.8	0.60	1.2	0.8	0.6	0.6	1.3	0.9	0.6
YD083-M12S	12	1.2	2.4	0.70	1.4	1.0	0.7	0.7	1.5	1.1	0.7
YD083-M14	14	2.0	4.0	1.25	2.5	1.8	1.3	1.3	2.6	1.9	1.3
YD083-M16S	16	2.6	5.2	1.50	3.0	2.1	1.5	1.5	3.2	2.3	1.5
YD083-M12B	12	1.6	3.2	1.05	2.1	1.5	1.1	1.1	2.2	1.6	1.1
YD083-M16B	16	3.0	6.0	1.90	3.8	2.7	1.9	1.9	4.0	2.9	1.9
YD083-M18S	18	3.0	6.0	1.90	3.8	2.7	1.9	1.9	4.0	2.9	1.9
YD083-M20S	20	3.5	7.0	2.00	4.0	2.8	2.0	2.0	4.2	3.0	2.0
YD083-M22S	22	3.5	7.0	2.00	4.0	2.8	2.0	2.0	4.2	3.0	2.0
YD083-M24S	24	5.0	10.0	3.15	6.3	4.4	3.2	3.2	6.6	4.7	3.2
YD083-M18B	18	3.6	7.2	2.00	4.0	2.8	2.0	2.0	4.2	3.0	2.0
YD083-M20B	20	4.0	8.0	2.50	5.0	3.5	2.5	2.5	5.3	3.8	2.5
YD083-M22B	22	4.0	8.0	2.50	5.0	3.5	2.5	2.5	5.3	3.8	2.5
YD083-M24B	24	7.0	14.0	4.00	8.0	5.6	4.0	4.0	8.4	6.0	4.0
YD083-M27	27	7.0	14.0	4.00	8.0	5.6	4.0	4.0	8.4	6.0	4.0
YD083-M30S	30	7.0	14.0	5.00	10.0	7.0	5.0	5.0	10.5	7.5	5.0
YD083-M30B	30	10.0	20.0	6.00	12.0	8.4	6.0	6.0	12.6	9.0	6.0
YD083-M33	33	15.0	30.0	7.50	15.0	10.5	7.5	7.5	15.8	11.3	7.5
YD083-M36	36	15.0	30.0	10.00	20.0	14.0	10.0	10.0	21.0	15.0	10.0
YD083-M39	39	15.0	30.0	10.00	20.0	14.0	10.0	10.0	21.0	15.0	10.0
YD083-M42	42	17.0	34.0	13.00	26.0	18.2	13.0	13.0	27.3	19.5	13.0
YD083-M45	45	17.0	34.0	13.00	26.0	18.2	13.0	13.0	27.3	19.5	13.0
YD083-M48	48	18.0	36.0	14.00	28.0	19.6	14.0	14.0	29.4	21.0	14.0
YD083-M52	52	25.0	50.0	20.00	40.0	28.0	20.0	20.0	42.0	30.0	20.0
YD083-M56	56	28.0	56.0	20.00	40.0	28.0	20.0	20.0	42.0	30.0	20.0





SWIVEL HOIST RING Metric Thread

ITEM NO	WLL/T	M	Technical Parameter mm								Nm	Kg
			E	A÷2	B÷3	C	D	F÷3	G	K		
YD083-M60	20.0	60×5.5	90	70	120	158	32	278	105	95	350-900	10.5
YD083-M64	20.0	64×6.0	95	70	120	158	32	278	105	95	500-1000	10.7
YD083-M72S	25.0	72×6.0	108	80	123	210	40	333	158	142	500-1200	23.0
YD083-M80S	30.0	80×6.0	120	80	123	210	40	333	158	142	500-1200	24.0
YD083-M90S	35.0	90×6.0	135	80	123	210	40	333	158	142	500-1500	26.0
YD083-M100S	35.0	100×6.0	135	80	123	210	40	333	158	142	500-1700	26.0
YD083-M72B	31.5	72×6.0	108	90	138	230	48	368	169	155	500-1400	34.0
YD083-M80B	35.0	80×6.0	120	90	138	230	48	368	169	155	500-1500	35.5
YD083-M90B	40.0	90×6.0	135	90	138	230	48	368	169	155	500-1500	37.5
YD083-M100B	40.0	100×6.0	135	90	138	230	48	368	169	155	500-1700	39.0
YD083-M110	50.0	110×6.0	135	90	138	230	48	368	169	155	500-1700	41.0
YD083-M120	50.0	120×6.0	135	90	138	230	48	368	169	155	500-1700	43.0
YD083-M130	50.0	130×6.0	135	90	138	230	48	368	198	155	500-1700	45.0
YD083-M140	50.0	140×6.0	135	90	138	230	48	368	198	155	500-1700	47.0
YD083-M150	50.0	150×6.0	135	90	138	230	48	368	198	155	500-1700	49.5

★Safety factor 4:1; Bolt length and thread specifications can be made according to requirements. B is the general structure, S is the small body structure.

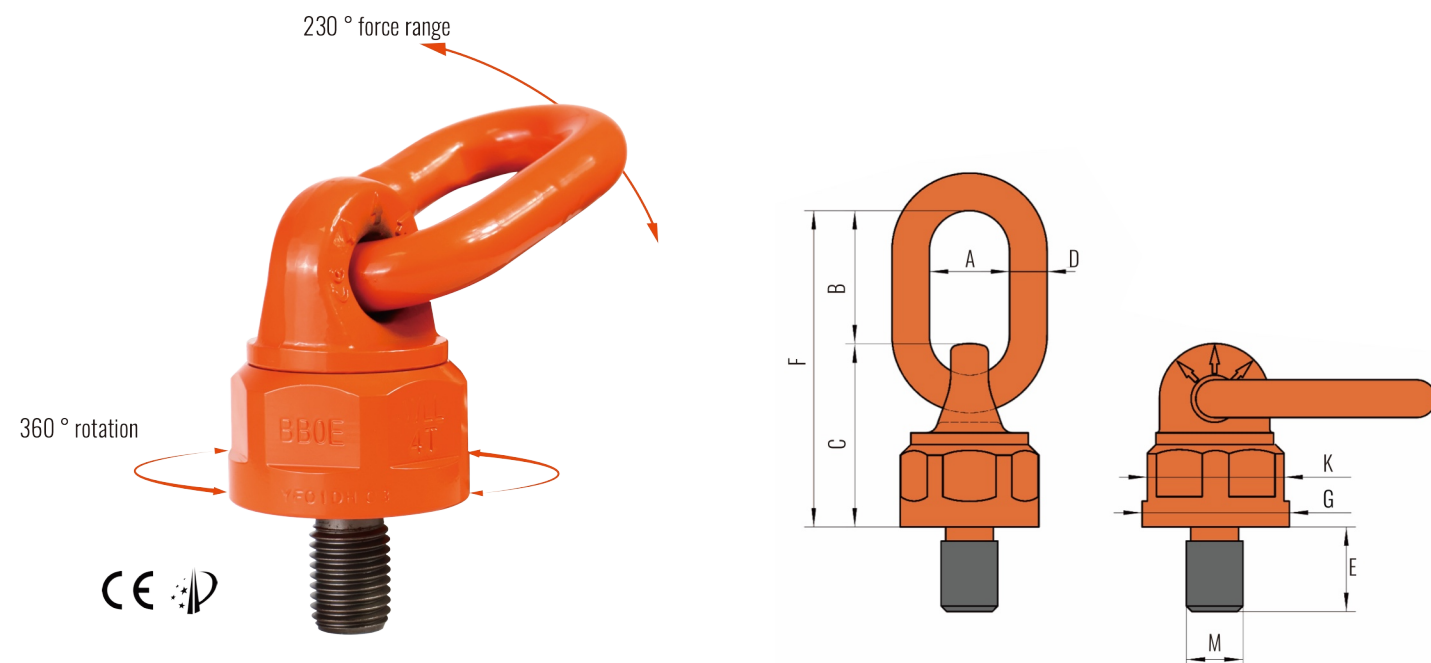


Lifting method



Number		1	2	1	2	2		2	3-4		3-4
Lifting angle		0°	0°	90°	90°	0-45°	45-60°	asymmetric	0-45°	45-60°	asymmetric
ITEM NO	M	Working limit load / T									
YD083-M60	60	28.0	56	20.0	40	28.0	20.0	20.0	42.0	30.0	20.0
YD083-M64	64	28.0	56	20.0	40	28.0	20.0	20.0	42.0	30.0	20.0
YD083-M72S	72	31.5	63	25.0	50	35.0	25.0	25.0	52.5	37.5	25.0
YD083-M80S	80	38.0	76	30.0	60	42.0	30.0	30.0	63.0	45.0	30.0
YD083-M90S	90	40.0	80	35.0	70	49.0	35.0	35.0	73.5	52.5	35.0
YD083-M100S	100	40.0	80	35.0	70	49.0	35.0	35.0	73.5	52.5	35.0
YD083-M72B	72	40.0	80	31.5	63	44.1	31.5	31.5	66.2	47.3	31.5
YD083-M80B	80	40.0	80	35.0	70	49.0	35.0	35.0	73.5	52.5	35.0
YD083-M90B	90	50.0	100	40.0	80	56.0	40.0	40.0	84.0	60.0	40.0
YD083-M100B	100	50.0	100	40.0	80	56.0	40.0	40.0	84.0	60.0	40.0
YD083-M110	110	50.0	100	50.0	100	70.0	50.0	50.0	105.0	75.0	50.0
YD083-M120	120	50.0	100	50.0	100	70.0	50.0	50.0	105.0	75.0	50.0
YD083-M130	130	50.0	100	50.0	100	70.0	50.0	50.0	105.0	75.0	50.0
YD083-M140	140	50.0	100	50.0	100	70.0	50.0	50.0	105.0	75.0	50.0
YD083-M150	150	50.0	100	50.0	100	70.0	50.0	50.0	105.0	75.0	50.0



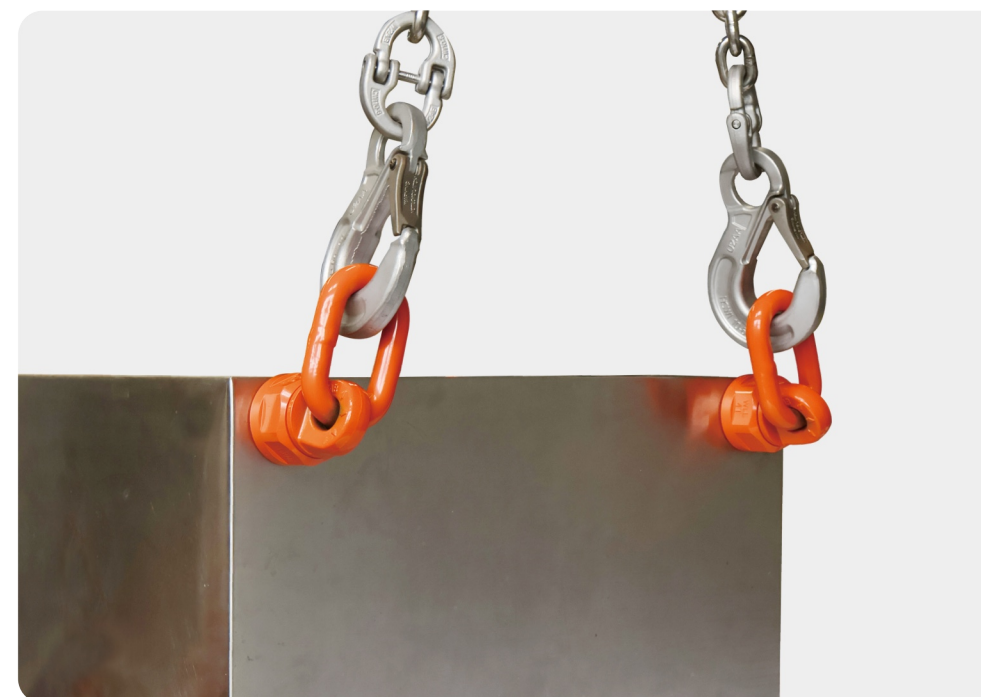


SWIVEL HOIST RING

UNC Thread

ITEM NO	WLL/T	Thread		Technical Parameter mm								Nm	Kg
		M	TPI	E	A±2	B±3	C	D	F±3	G	K		
YD083-3/8	0.60	3/8	16.0	19.0	30	43.5	54.0	12	97.5	40	37.0	10-40	0.50
YD083-1/2S	0.70	1/2	13.0	19.0	30	43.5	54.0	12	97.5	40	37.0	15-40	0.50
YD083-5/8S	1.50	5/8	11.0	31.8	30	43.5	54.0	12	97.5	40	37.0	45-130	0.50
YD083-1/2B	1.05	1/2	13.0	19.0	34	54.5	78.0	16	132.5	59	54.5	15-40	1.15
YD083-5/8B	1.90	5/8	11.0	30.0	34	54.5	78.0	16	132.5	59	54.5	45-130	1.35
YD083-3/4S	1.90	3/4	10.0	30.0	34	54.5	78.0	16	132.5	59	54.5	45-130	1.40
YD083-7/8S	2.00	7/8	9.0	30.0	34	54.5	78.0	16	132.5	59	54.5	100-170	1.40
YD083-1S	3.15	1	8.0	30.0	34	54.5	78.0	16	132.5	59	54.5	190-280	1.40
YD083-3/4B	2.00	3/4	10.0	38.1	40	67.0	93.0	20	160.0	70	64.5	45-130	2.50
YD083-7/8B	2.50	7/8	9.0	38.1	40	67.0	93.0	20	160.0	70	64.5	100-170	2.50
YD083-1B	4.00	1	8.0	38.1	40	67.0	93.0	20	160.0	70	64.5	190-280	2.50
YD083-1-1/4	6.00	1-1/4	7.0	50.0	51	95.0	111.0	22	206.0	79	74.0	270-600	4.00
YD083-1-1/2	10.00	1-1/2	6.0	54.0	51	95.0	111.0	22	206.0	79	74.0	270-600	4.00
YD083-1-3/4	13.00	1-3/4	5.0	68.0	65	108.0	122.5	26	230.5	93	85.0	350-800	6.00
YD083-2S	14.00	2	4.5	68.0	65	108.0	122.5	26	230.5	93	85.0	350-800	6.30
YD083-2B	17.00	2	4.5	84.0	70	120.0	158.0	32	278.0	105	95.0	350-800	11.00
YD083-2-1/4	20.00	2-1/4	4.5	84.0	70	120.0	158.0	32	278.0	105	95.0	350-900	11.00
YD083-2-1/2	20.00	2-1/2	4.0	95.0	70	120.0	158.0	32	278.0	105	95.0	350-900	11.00
YD083-3S	25.00	3	4.0	108.0	80	123.0	210.0	40	333.0	158	142.0	500-1400	23.00

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements. B is the general structure, S is the small body structure.



Lifting method



Number		1	2	1	2	2		2	3-4		3-4
Lifting angle		0°	0°	90°	90°	0-45°	45-60°	asymmetric	0-45°	45-60°	asymmetric
ITEM NO	M	Working limit load / T									
YD083-3/8	3/8	0.9	1.8	0.60	1.2	0.8	0.6	0.6	1.3	0.9	0.6
YD083-1/2S	1/2	1.2	2.4	0.70	1.4	1.0	0.7	0.7	1.5	1.1	0.7
YD083-5/8S	5/8	2.6	5.2	1.50	3.0	2.1	1.5	1.5	3.2	2.3	1.5
YD083-1/2B	1/2	1.6	3.2	1.05	2.1	1.5	1.1	1.1	2.2	1.6	1.1
YD083-5/8B	5/8	3.0	6.0	1.90	3.8	2.7	1.9	1.9	4.0	2.9	1.9
YD083-3/4S	3/4	3.0	6.0	1.90	3.8	2.7	1.9	1.9	4.0	2.9	1.9
YD083-7/8S	7/8	3.5	7.0	2.00	4.0	2.8	2.0	2.0	4.2	3.0	2.0
YD083-1S	1	5.0	10.0	3.15	6.3	4.4	3.2	3.2	6.6	4.7	3.2
YD083-3/4B	3/4	3.6	7.2	2.00	4.0	2.8	2.0	2.0	4.2	3.0	2.0
YD083-7/8B	7/8	4.0	8.0	2.50	5.0	3.5	2.5	2.5	5.3	3.8	2.5
YD083-1B	1	7.0	14.0	4.00	8.0	5.6	4.0	4.0	8.4	6.0	4.0
YD083-1-1/4	1-1/4	10.0	20.0	6.00	12.0	8.4	6.0	6.0	12.6	9.0	6.0
YD083-1-1/2	1-1/2	15.0	30.0	10.00	20.0	14.0	10.0	10.0	21.0	15.0	10.0
YD083-1-3/4	1-3/4	17.0	34.0	13.00	26.0	18.2	13.0	13.0	27.3	19.5	13.0
YD083-2S	2	18.0	36.0	14.00	28.0	19.6	14.0	14.0	29.4	21.0	14.0
YD083-2B	2	25.0	50.0	17.00	34.0	23.8	17.0	17.0	35.7	25.5	17.0
YD083-2-1/4	2-1/4	25.0	50.0	20.00	40.0	28.0	20.0	20.0	42.0	30.0	20.0
YD083-2-1/2	2-1/2	28.0	56.0	20.00	40.0	28.0	20.0	20.0	42.0	30.0	20.0
YD083-3S	3	31.5	63.0	25.00	50.0	35.0	25.0	25.0	52.5	37.5	25.0

