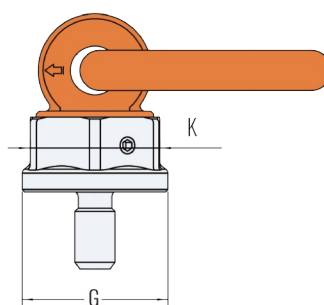
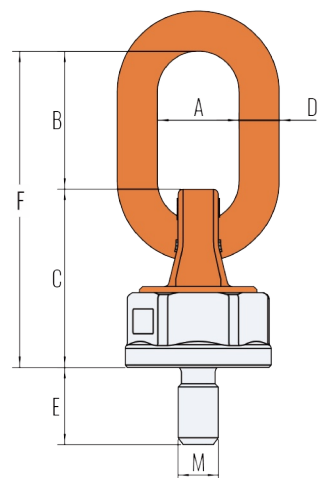




Contains ball bearings

- 360 ° rotation&230 ° swing, 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.
- The composition of alloy elements is more scientific, and the bolts are made of precision forged alloy steel with a tensile strength greater than 1080 MPa after quenching and tempering.
- Complete thread specifications and wide rated load range (M8-M150, 0.4T-50T). Custom thread sizes (extended, shortened, coarse, fine, metric, American, etc.) can be provided according to customer requirements. After passing the inspection with a 6g plug gauge, it is suitable for precision threaded holes. The base of the lifting ring is marked with the rated load and thread diameter.
- The hexagonal design of the suspension ring base allows for easy installation of the lifting point on the lifted object.
- Surface anti-corrosion design, in addition to conventional working conditions, can also be applied to corrosive environments such as oceans and high chloride ions.

## SWIVEL HOIST RING [HD] **NEW**



### Metric Thread

| ITEM NO.    | WLL/T | M       | Technical Parameter mm |     |       |       |    |       |    |      | Nm      | Kg  |
|-------------|-------|---------|------------------------|-----|-------|-------|----|-------|----|------|---------|-----|
|             |       |         | E                      | A±2 | B±3   | C     | D  | F±3   | G  | K    |         |     |
| YD083S-M8   | 0.40  | 8×1.25  | 12.0                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42 | 37.0 | 10-40   | 0.5 |
| YD083S-M10  | 0.60  | 10×1.50 | 19.0                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42 | 37.0 | 10-40   | 0.5 |
| YD083S-M12S | 0.70  | 12×1.75 | 19.0                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42 | 37.0 | 15-40   | 0.5 |
| YD083S-M14  | 1.25  | 14×2.00 | 31.8                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42 | 37.0 | 30-100  | 0.5 |
| YD083S-M16S | 1.50  | 16×2.00 | 31.8                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42 | 37.0 | 45-130  | 0.5 |
| YD083S-M12B | 1.05  | 12×1.75 | 19.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61 | 54.5 | 15-40   | 1.2 |
| YD083S-M16B | 1.90  | 16×2.00 | 30.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61 | 54.5 | 45-130  | 1.2 |
| YD083S-M20S | 2.00  | 20×2.50 | 30.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61 | 54.5 | 100-170 | 1.2 |
| YD083S-M24S | 3.15  | 24×3.00 | 30.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61 | 54.5 | 100-170 | 1.2 |
| YD083S-M18B | 2.00  | 18×2.50 | 38.1                   | 40  | 68.0  | 88.0  | 20 | 156.0 | 72 | 64.5 | 100-170 | 2.2 |
| YD083S-M20B | 2.50  | 20×2.50 | 38.1                   | 40  | 68.0  | 88.0  | 20 | 156.0 | 72 | 64.5 | 100-170 | 2.2 |
| YD083S-M24B | 4.00  | 24×3.00 | 38.1                   | 40  | 68.0  | 88.0  | 20 | 156.0 | 72 | 64.5 | 100-170 | 2.2 |
| YD083S-M30  | 6.70  | 30×3.50 | 50.0                   | 51  | 95.5  | 104.5 | 22 | 200.0 | 81 | 74.0 | 270-600 | 3.6 |
| YD083S-M36  | 10.00 | 36×4.00 | 54.0                   | 51  | 95.5  | 104.5 | 22 | 200.0 | 81 | 74.0 | 270-600 | 3.7 |
| YD083S-M42  | 13.00 | 42×4.50 | 63.0                   | 65  | 107.5 | 121.5 | 26 | 229.0 | 96 | 85.0 | 350-800 | 5.8 |
| YD083S-M48  | 14.00 | 48×5.00 | 68.0                   | 65  | 107.5 | 121.5 | 26 | 229.0 | 96 | 85.0 | 350-800 | 6.1 |

★ 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.

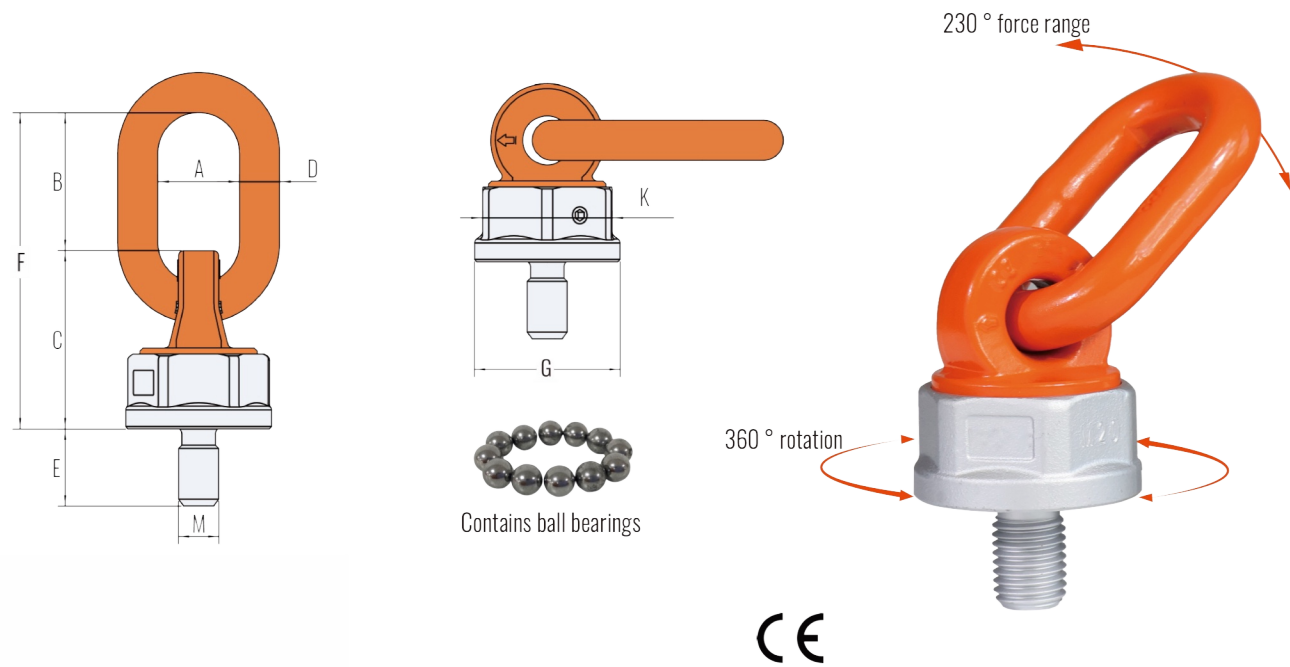


### Lifting method



| Number        | 1       | 2                      | 1    | 2     | 2     | 2      | 3-4        | 3-4        |
|---------------|---------|------------------------|------|-------|-------|--------|------------|------------|
| Lifting angle | 0°      | 0°                     | 90°  | 90°   | 0-45° | 45-60° | asymmetric | asymmetric |
| ITEM NO       | M       | Working limit load / T |      |       |       |        |            |            |
| YD083S-M8     | 8×1.25  | 0.6                    | 1.2  | 0.40  | 0.8   | 0.6    | 0.4        | 0.4        |
| YD083S-M10    | 10×1.50 | 0.9                    | 1.8  | 0.60  | 1.2   | 0.8    | 0.6        | 0.6        |
| YD083S-M12S   | 12×1.75 | 1.2                    | 2.4  | 0.70  | 1.4   | 1.0    | 0.7        | 0.7        |
| YD083S-M14    | 14×2.00 | 2.0                    | 4.0  | 1.25  | 2.5   | 1.8    | 1.3        | 1.3        |
| YD083S-M16S   | 16×2.00 | 2.6                    | 5.2  | 1.50  | 3.0   | 2.1    | 1.5        | 1.5        |
| YD083S-M12B   | 12×1.75 | 1.6                    | 3.2  | 1.05  | 2.1   | 1.5    | 1.1        | 1.1        |
| YD083S-M16B   | 16×2.00 | 3.0                    | 6.0  | 1.90  | 3.8   | 2.7    | 1.9        | 1.9        |
| YD083S-M20S   | 20×2.50 | 3.5                    | 7.0  | 2.00  | 4.0   | 2.8    | 2.0        | 2.0        |
| YD083S-M24S   | 24×3.00 | 5.0                    | 10.0 | 3.15  | 6.3   | 4.4    | 3.2        | 3.2        |
| YD083S-M18B   | 18×2.50 | 3.6                    | 7.2  | 2.00  | 4.0   | 2.8    | 2.0        | 2.0        |
| YD083S-M20B   | 20×2.50 | 4.0                    | 8.0  | 2.50  | 5.0   | 3.5    | 2.5        | 2.5        |
| YD083S-M24B   | 24×3.00 | 7.0                    | 14.0 | 4.00  | 8.0   | 5.6    | 4.0        | 4.0        |
| YD083S-M30    | 30×3.50 | 10.0                   | 20.0 | 6.70  | 13.4  | 9.4    | 6.7        | 6.7        |
| YD083S-M36    | 36×4.00 | 15.0                   | 30.0 | 10.00 | 20.0  | 14.0   | 10.0       | 10.0       |
| YD083S-M42    | 42×4.50 | 17.0                   | 34.0 | 13.00 | 26.0  | 18.2   | 13.0       | 13.0       |
| YD083S-M48    | 48×5.00 | 17.0                   | 34.0 | 14.00 | 28.0  | 19.6   | 14.0       | 14.0       |



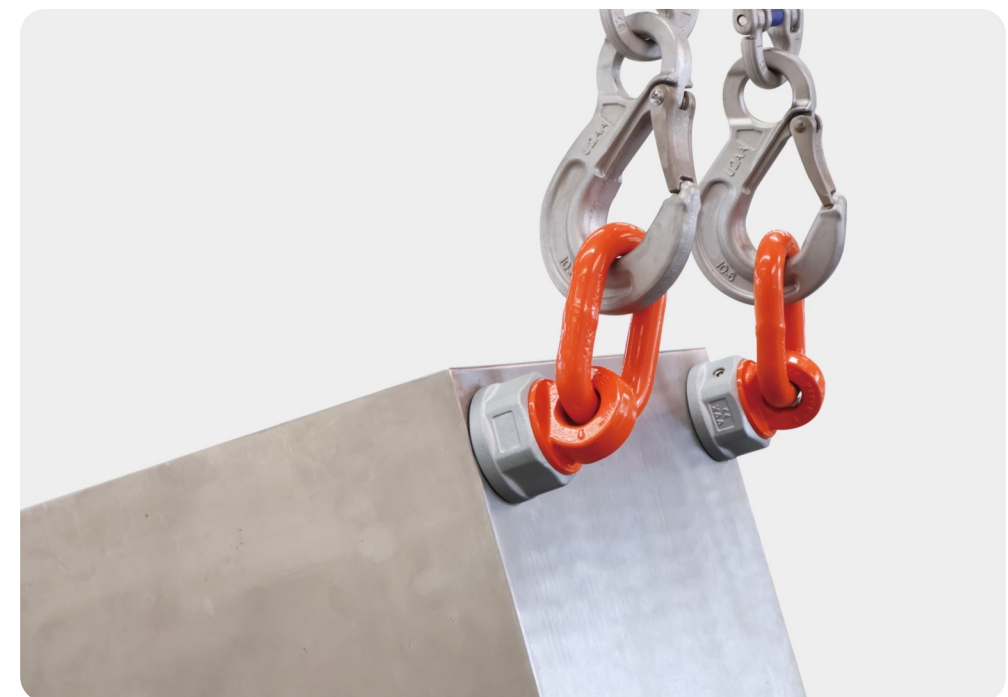


## SWIVEL HOIST RING [HD] **NEW**

Metric Thread

| ITEM NO.     | WLL/T | M       | Technical Parameter mm |     |       |       |    |     |     |     | Nm       | Kg   |
|--------------|-------|---------|------------------------|-----|-------|-------|----|-----|-----|-----|----------|------|
|              |       |         | E                      | A:2 | B:3   | C     | D  | F:3 | G   | K   |          |      |
| YD083S-M52   | 20.0  | 52*5.0  | 84                     | 70  | 119.5 | 148.5 | 32 | 268 | 109 | 95  | 350-900  | 9.7  |
| YD083S-M56   | 20.0  | 56*5.5  | 84                     | 70  | 119.5 | 148.5 | 32 | 268 | 109 | 95  | 350-900  | 9.9  |
| YD083S-M64   | 20.0  | 64*6.0  | 95                     | 70  | 119.5 | 148.5 | 32 | 268 | 109 | 95  | 500-1000 | 10.6 |
| YD083S-M72B  | 31.5  | 72*6.0  | 108                    | 90  | 138   | 230   | 48 | 368 | 169 | 155 | 500-1400 | 34.0 |
| YD083S-M80B  | 35.0  | 80*6.0  | 120                    | 90  | 138   | 230   | 48 | 368 | 169 | 155 | 500-1500 | 35.5 |
| YD083S-M90B  | 40.0  | 90*6.0  | 135                    | 90  | 138   | 230   | 48 | 368 | 169 | 155 | 500-1500 | 37.5 |
| YD083S-M100B | 40.0  | 100*6.0 | 135                    | 90  | 138   | 230   | 48 | 368 | 169 | 155 | 500-1700 | 39.0 |
| YD083S-M110  | 50.0  | 110*6.0 | 135                    | 90  | 138   | 230   | 48 | 368 | 169 | 155 | 500-1700 | 41.0 |
| YD083S-M120  | 50.0  | 120*6.0 | 135                    | 90  | 138   | 230   | 48 | 368 | 169 | 155 | 500-1700 | 43.0 |
| YD083S-M130  | 50.0  | 130*6.0 | 135                    | 90  | 138   | 230   | 48 | 368 | 198 | 155 | 500-1700 | 45.0 |
| YD083S-M140  | 50.0  | 140*6.0 | 135                    | 90  | 138   | 230   | 48 | 368 | 198 | 155 | 500-1700 | 47.0 |
| YD083S-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.

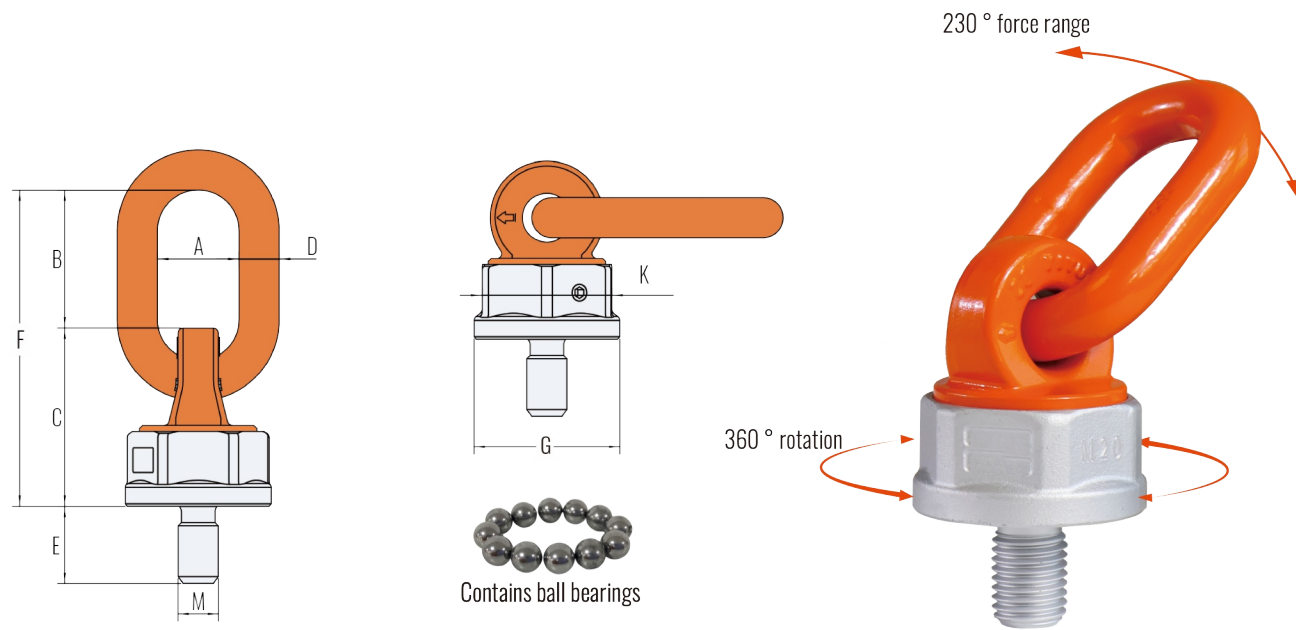


Lifting method



| 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 |     |      |       |        |            |       |        |            |      |
| YD083S-M52    | 52*5.0  | 25                     | 50  | 20.0 | 40.0  | 28.0   | 20.0       | 20.0  | 42.0   | 30.0       | 20.0 |
| YD083S-M56    | 56*5.5  | 28                     | 56  | 20.0 | 40.0  | 28.0   | 20.0       | 20.0  | 42.0   | 30.0       | 20.0 |
| YD083S-M64    | 64*6.0  | 28                     | 56  | 20.0 | 40.0  | 28.0   | 20.0       | 20.0  | 42.0   | 30.0       | 20.0 |
| YD083S-M72B   | 72*6.0  | 40                     | 80  | 31.5 | 63.0  | 44.1   | 31.5       | 31.5  | 66.2   | 47.3       | 31.5 |
| YD083S-M80B   | 80*6.0  | 40                     | 80  | 35.0 | 70.0  | 49.0   | 35.0       | 35.0  | 73.5   | 52.5       | 35.0 |
| YD083S-M90B   | 90*6.0  | 50                     | 100 | 40.0 | 80.0  | 56.0   | 40.0       | 40.0  | 84.0   | 60.0       | 40.0 |
| YD083S-M100B  | 100*6.0 | 50                     | 100 | 40.0 | 80.0  | 56.0   | 40.0       | 40.0  | 84.0   | 60.0       | 40.0 |
| YD083S-M110   | 110*6.0 | 50                     | 100 | 50.0 | 100.0 | 70.0   | 50.0       | 50.0  | 105.0  | 75.0       | 50.0 |
| YD083S-M120   | 120*6.0 | 50                     | 100 | 50.0 | 100.0 | 70.0   | 50.0       | 50.0  | 105.0  | 75.0       | 50.0 |
| YD083S-M130   | 130*6.0 | 50                     | 100 | 50.0 | 100.0 | 70.0   | 50.0       | 50.0  | 105.0  | 75.0       | 50.0 |
| YD083S-M140   | 140*6.0 | 50                     | 100 | 50.0 | 100.0 | 70.0   | 50.0       | 50.0  | 105.0  | 75.0       | 50.0 |
| YD083S-M150   | 150*6.0 | 50                     | 100 | 50.0 | 100.0 | 70.0   | 50.0       | 50.0  | 105.0  | 75.0       | 50.0 |





## SWIVEL HOIST RING [HD] **NEW**

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     |          |       |
| YD083S-3/8   | 0.60  | 3/8    | 16.0 | 19.0                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42  | 37.0  | 10-40    | 0.47  |
| YD083S-1/2   | 0.70  | 1/2    | 13.0 | 19.0                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42  | 37.0  | 15-40    | 0.48  |
| YD083S-5/8S  | 1.50  | 5/8    | 11.0 | 31.8                   | 30  | 43.0  | 53.0  | 13 | 96.0  | 42  | 37.0  | 45-130   | 0.50  |
| YD083S-5/8B  | 1.90  | 5/8    | 11.0 | 30.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61  | 54.5  | 45-130   | 1.20  |
| YD083S-3/4S  | 1.90  | 3/4    | 10.0 | 30.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61  | 54.5  | 45-130   | 1.20  |
| YD083S-1S    | 3.15  | 1      | 8.0  | 30.0                   | 34  | 54.0  | 70.5  | 16 | 124.5 | 61  | 54.5  | 190-280  | 1.25  |
| YD083S-3/4B  | 2.00  | 3/4    | 10.0 | 38.1                   | 40  | 68.0  | 88.0  | 20 | 156.0 | 72  | 64.5  | 45-130   | 2.16  |
| YD083S-7/8   | 2.50  | 7/8    | 9.0  | 38.1                   | 40  | 68.0  | 88.0  | 20 | 156.0 | 72  | 64.5  | 100-170  | 2.20  |
| YD083S-1B    | 4.00  | 1      | 8.0  | 38.1                   | 40  | 68.0  | 88.0  | 20 | 156.0 | 72  | 64.5  | 190-280  | 2.22  |
| YD083S-1-1/4 | 6.70  | 1-1/4  | 7.0  | 50.0                   | 51  | 95.0  | 105.0 | 22 | 200.0 | 81  | 74.0  | 270-600  | 3.60  |
| YD083S-1-1/2 | 10.00 | 1-1/2  | 6.0  | 54.0                   | 51  | 95.0  | 105.0 | 22 | 200.0 | 81  | 74.0  | 270-600  | 3.75  |
| YD083S-1-3/4 | 13.00 | 1-3/4  | 5.0  | 68.0                   | 65  | 107.5 | 121.5 | 26 | 229.0 | 96  | 85.0  | 350-800  | 6.00  |
| YD083S-2     | 14.00 | 2      | 4.5  | 68.0                   | 65  | 107.5 | 121.5 | 26 | 229.0 | 96  | 85.0  | 350-800  | 6.20  |
| YD083S-2-1/4 | 20.00 | 2-1/4  | 4.5  | 84.0                   | 70  | 119.5 | 148.5 | 32 | 268.0 | 109 | 95.0  | 350-900  | 10.00 |
| YD083S-2-1/2 | 20.00 | 2-1/2  | 4.0  | 95.0                   | 70  | 119.5 | 148.5 | 32 | 268.0 | 109 | 95.0  | 350-900  | 10.50 |
| YD083S-3     | 31.50 | 3      | 4.0  | 108.0                  | 90  | 138.0 | 230.0 | 48 | 368.0 | 169 | 155.0 | 500-1700 | 31.00 |
| YD083S-3-1/2 | 40.00 | 3-1/2  | 4.0  | 135.0                  | 90  | 138.0 | 230.0 | 48 | 368.0 | 169 | 155.0 | 500-1700 | 34.00 |
| YD083S-4     | 40.00 | 4      | 4.0  | 135.0                  | 90  | 138.0 | 230.0 | 48 | 368.0 | 169 | 155.0 | 500-1700 | 36.50 |

★ Safety factor 4:1; Bolt length and thread specifications can be made according to requirements.



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 |       |       |      |       |        |            |       |        |            |
| YD083S-3/8    | 3/8   | 0.9                    | 1.8   | 0.60  | 1.2  | 0.8   | 0.6    | 0.6        | 1.3   | 0.9    | 0.6        |
| YD083S-1/2    | 1/2   | 1.2                    | 2.4   | 0.70  | 1.4  | 1.0   | 0.7    | 0.7        | 1.5   | 1.1    | 0.7        |
| YD083S-5/8S   | 5/8   | 2.6                    | 5.2   | 1.50  | 3.0  | 2.1   | 1.5    | 1.5        | 3.2   | 2.3    | 1.5        |
| YD083S-5/8B   | 5/8   | 3.0                    | 6.0   | 1.90  | 3.8  | 2.7   | 1.9    | 1.9        | 4.0   | 2.9    | 1.9        |
| YD083S-3/4S   | 3/4   | 3.0                    | 6.0   | 1.90  | 3.8  | 2.7   | 1.9    | 1.9        | 4.0   | 2.9    | 1.9        |
| YD083S-1S     | 1     | 5.0                    | 10.0  | 3.15  | 6.3  | 4.4   | 3.2    | 3.2        | 6.6   | 4.7    | 3.2        |
| YD083S-3/4B   | 3/4   | 3.6                    | 7.2   | 2.00  | 4.0  | 2.8   | 2.0    | 2.0        | 4.2   | 3.0    | 2.0        |
| YD083S-7/8    | 7/8   | 4.0                    | 8.0   | 2.50  | 5.0  | 3.5   | 2.5    | 2.5        | 5.3   | 3.8    | 2.5        |
| YD083S-1B     | 1     | 7.0                    | 14.0  | 4.00  | 8.0  | 5.6   | 4.0    | 4.0        | 8.4   | 6.0    | 4.0        |
| YD083S-1-1/4  | 1-1/4 | 10.0                   | 20.0  | 6.70  | 13.4 | 9.4   | 6.7    | 6.7        | 14.1  | 10.1   | 6.7        |
| YD083S-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       |
| YD083S-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       |
| YD083S-2      | 2     | 18.0                   | 36.0  | 14.00 | 28.0 | 19.6  | 14.0   | 14.0       | 29.4  | 21.0   | 14.0       |
| YD083S-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       |
| YD083S-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       |
| YD083S-3      | 3     | 40.0                   | 80.0  | 31.50 | 63.0 | 44.1  | 31.5   | 31.5       | 66.2  | 47.3   | 31.5       |
| YD083S-3-1/2  | 3-1/2 | 50.0                   | 100.0 | 40.00 | 80.0 | 56.0  | 40.0   | 40.0       | 84.0  | 60.0   | 40.0       |
| YD083S-4      | 4     | 50.0                   | 100.0 | 40.00 | 80.0 | 56.0  | 40.0   | 40.0       | 84.0  | 60.0   | 40.0       |

