

**— BIAGINI PIERO & C. —**

FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# **FLANGE ED ANELLI FLANGE AND THEIR JOINT**

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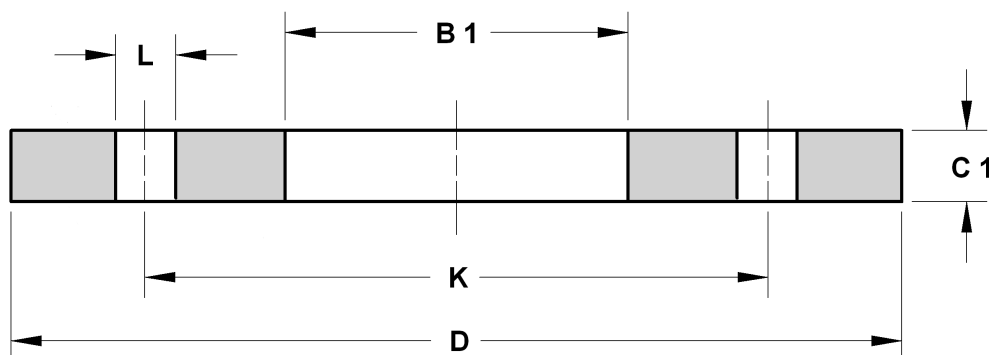
**EN 1092-1 : 2018**

# FLANGE PIANE PN 6

## PLATE FLANGES PN 6

EN 1092-1 : 2018

TYPE 01/A PN 6



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | B1     | C1 | Kg.   |
|------------|------|------|------|----------------|----|------|--------|----|-------|
|            |      |      |      | L              | N° | SIZE |        |    |       |
| FI22760010 | 10   | 75   | 50   | 11             | 4  | M10  | 18.0   | 12 | 0.36  |
| FI22760015 | 15   | 80   | 55   | 11             | 4  | M10  | 22.0   | 12 | 0.41  |
| FI22760020 | 20   | 90   | 65   | 11             | 4  | M10  | 27.5   | 14 | 0.60  |
| FI22760025 | 25   | 100  | 75   | 11             | 4  | M10  | 34.5   | 14 | 0.74  |
| FI22760032 | 32   | 120  | 90   | 14             | 4  | M12  | 43.5   | 16 | 1.19  |
| FI22760040 | 40   | 130  | 100  | 14             | 4  | M12  | 49.5   | 16 | 1.39  |
| FI22760050 | 50   | 140  | 110  | 14             | 4  | M12  | 61.5   | 16 | 1.53  |
| FI22760065 | 65   | 160  | 130  | 14             | 4  | M12  | 77.5   | 16 | 1.89  |
| FI22760080 | 80   | 190  | 150  | 18             | 4  | M16  | 90.5   | 18 | 2.98  |
| FI22760100 | 100  | 210  | 170  | 18             | 4  | M16  | 116.0  | 18 | 3.46  |
| FI22760125 | 125  | 240  | 200  | 18             | 8  | M16  | 141.5  | 20 | 4.60  |
| FI22760150 | 150  | 265  | 225  | 18             | 8  | M16  | 170.5  | 20 | 5.22  |
| FI22760200 | 200  | 320  | 280  | 18             | 8  | M16  | 221.5  | 22 | 7.15  |
| FI22760250 | 250  | 375  | 335  | 18             | 12 | M16  | 276.5  | 24 | 9.61  |
| FI22760300 | 300  | 440  | 395  | 22             | 12 | M20  | 327.5  | 24 | 12.60 |
| FI22760350 | 350  | 490  | 445  | 22             | 12 | M20  | 359.5  | 26 | 15.60 |
| FI22760400 | 400  | 540  | 495  | 22             | 16 | M20  | 411.0  | 28 | 18.40 |
| FI22760450 | 450  | 595  | 550  | 22             | 16 | M20  | 462.0  | 30 | 21.40 |
| FI22760500 | 500  | 645  | 600  | 22             | 20 | M20  | 513.5  | 30 | 24.60 |
| FI22760600 | 600  | 755  | 705  | 26             | 20 | M24  | 616.5  | 32 | 35.00 |
| FI22760700 | 700  | 860  | 810  | 26             | 24 | M24  | 714.2  | 40 | 48.00 |
| FI22760800 | 800  | 975  | 920  | 30             | 24 | M27  | 815.8  | 44 | 63.00 |
| FI22760900 | 900  | 1075 | 1020 | 30             | 24 | M27  | 917.4  | 48 | 74.50 |
| FI22761000 | 1000 | 1175 | 1120 | 30             | 28 | M27  | 1019.0 | 52 | 82.00 |

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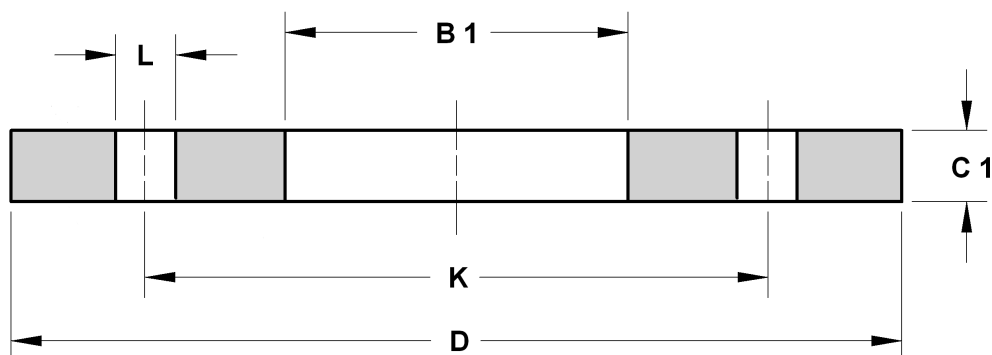
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE PIANE PN 10

## PLATE FLANGES PN 10

EN 1092-1 : 2018

TYPE 01/A PN 10



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | B1     | C1 | Kg.    |
|------------|------|------|------|----------------|----|------|--------|----|--------|
|            |      |      |      | L              | N° | SIZE |        |    |        |
| FI22770200 | 200  | 340  | 295  | 22             | 8  | M20  | 221.5  | 24 | 9.31   |
| FI22770250 | 250  | 395  | 350  | 22             | 12 | M20  | 276.5  | 26 | 11.90  |
| FI22770300 | 300  | 445  | 400  | 22             | 12 | M20  | 327.5  | 26 | 13.80  |
| FI22770350 | 350  | 505  | 460  | 22             | 16 | M20  | 359.5  | 30 | 19.00  |
| FI22770400 | 400  | 565  | 515  | 26             | 16 | M24  | 411.0  | 32 | 25.90  |
| FI22770450 | 450  | 615  | 565  | 26             | 20 | M24  | 462.0  | 36 | 33.50  |
| FI22770500 | 500  | 670  | 620  | 26             | 20 | M24  | 513.5  | 38 | 41.10  |
| FI22770600 | 600  | 780  | 725  | 30             | 20 | M27  | 616.5  | 42 | 54.50  |
| FI22770700 | 700  | 895  | 840  | 30             | 24 | M27  | 714.2  | 50 | 65.00  |
| FI22770800 | 800  | 1015 | 950  | 33             | 24 | M30  | 815.8  | 56 | 88.00  |
| FI22770900 | 900  | 1115 | 1050 | 33             | 28 | M30  | 917.4  | 62 | 100.00 |
| FI22771000 | 1000 | 1230 | 1160 | 36             | 28 | M33  | 1019.0 | 70 | 128.00 |

**— BIAGINI PIERO & C. —**

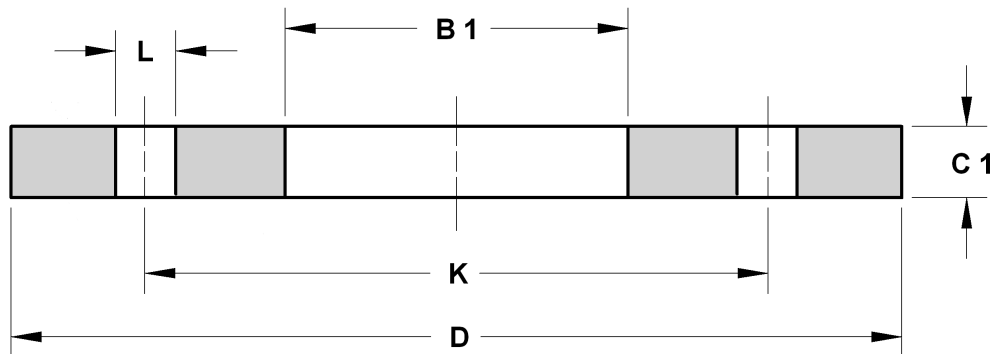
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE PIANE PN 16

## PLATE FLANGES PN 16

EN 1092-1 : 2018

TYPE 01/A PN 16



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | B1     | C1 | Kg.    |
|------------|------|------|------|----------------|----|------|--------|----|--------|
|            |      |      |      | L              | N° | SIZE |        |    |        |
| FI22780050 | 50   | 165  | 125  | 18             | 4  | M16  | 61.5   | 20 | 2.50   |
| FI22780065 | 65   | 185  | 145  | 18             | 4  | M16  | 77.5   | 20 | 3.00   |
| FU22780065 | 65   | 185  | 145  | 18             | 8  | M16  | 77.5   | 20 | 3.00   |
| FI22780080 | 80   | 200  | 160  | 18             | 8  | M16  | 90.5   | 20 | 3.50   |
| FI22780100 | 100  | 220  | 180  | 18             | 8  | M16  | 116.0  | 22 | 4.40   |
| FI22780125 | 125  | 250  | 210  | 18             | 8  | M16  | 141.5  | 22 | 5.50   |
| FI22780150 | 150  | 285  | 240  | 22             | 8  | M20  | 170.5  | 24 | 7.00   |
| FI22780200 | 200  | 340  | 295  | 22             | 12 | M20  | 221.5  | 26 | 9.50   |
| FI22780250 | 250  | 405  | 355  | 26             | 12 | M24  | 276.5  | 29 | 14.00  |
| FI22780300 | 300  | 460  | 410  | 26             | 12 | M24  | 327.5  | 32 | 19.00  |
| FI22780350 | 350  | 520  | 470  | 26             | 16 | M24  | 359.5  | 35 | 28.00  |
| FI22780400 | 400  | 580  | 525  | 30             | 16 | M27  | 411.0  | 38 | 36.00  |
| FI22780450 | 450  | 640  | 585  | 30             | 20 | M27  | 462.0  | 42 | 46.00  |
| FI22780500 | 500  | 715  | 650  | 33             | 20 | M30  | 513.5  | 46 | 64.00  |
| FI22780600 | 600  | 840  | 770  | 36             | 20 | M33  | 616.5  | 55 | 96.00  |
| FI22780700 | 700  | 910  | 840  | 36             | 24 | M33  | 714.2  | 63 | 88.00  |
| FI22780800 | 800  | 1025 | 950  | 39             | 24 | M36  | 815.8  | 74 | 115.00 |
| FI22780900 | 900  | 1125 | 1050 | 39             | 28 | M36  | 917.4  | 82 | 125.00 |
| FI22781000 | 1000 | 1255 | 1170 | 42             | 28 | M39  | 1019.0 | 90 | 160.00 |

**— BIAGINI PIERO & C. —**

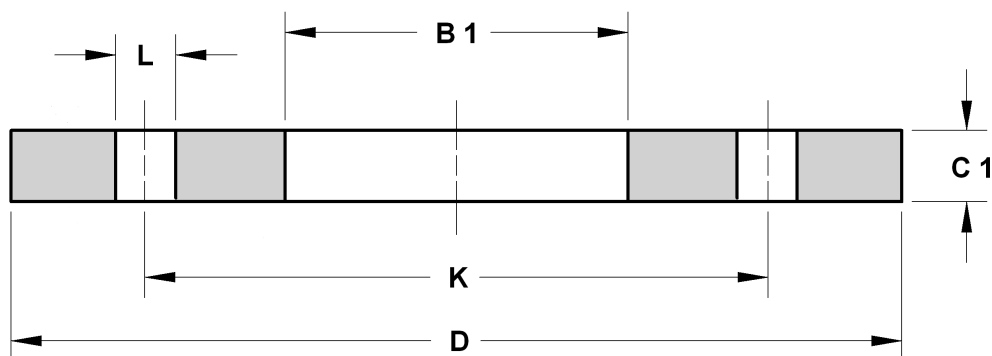
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE PIANE PN 25

## PLATE FLANGES PN 25

EN 1092-1 : 2018

TYPE 01/A PN 25



Dimensions in mm.

| Cod.       | DN  | D   | K   | FORI / BOLTING |    |      | B1    | C1 | Kg.    |
|------------|-----|-----|-----|----------------|----|------|-------|----|--------|
|            |     |     |     | L              | N° | SIZE |       |    |        |
| FI60830200 | 200 | 360 | 310 | 26             | 12 | M24  | 221.5 | 32 | 14.50  |
| FI60830250 | 250 | 425 | 370 | 30             | 12 | M27  | 276.5 | 35 | 20.00  |
| FI60830300 | 300 | 485 | 430 | 30             | 16 | M27  | 327.5 | 38 | 26.50  |
| FI60830350 | 350 | 555 | 490 | 33             | 16 | M30  | 359.5 | 42 | 42.00  |
| FI60830400 | 400 | 620 | 550 | 36             | 16 | M33  | 411.0 | 48 | 55.00  |
| FI60830450 | 450 | 670 | 600 | 36             | 20 | M33  | 462.0 | 54 | 64.50  |
| FI60830500 | 500 | 730 | 660 | 36             | 20 | M33  | 513.5 | 58 | 84.00  |
| FI60830600 | 600 | 845 | 770 | 39             | 20 | M36  | 616.5 | 68 | 127.50 |

**BIAGINI PIERO & C.**

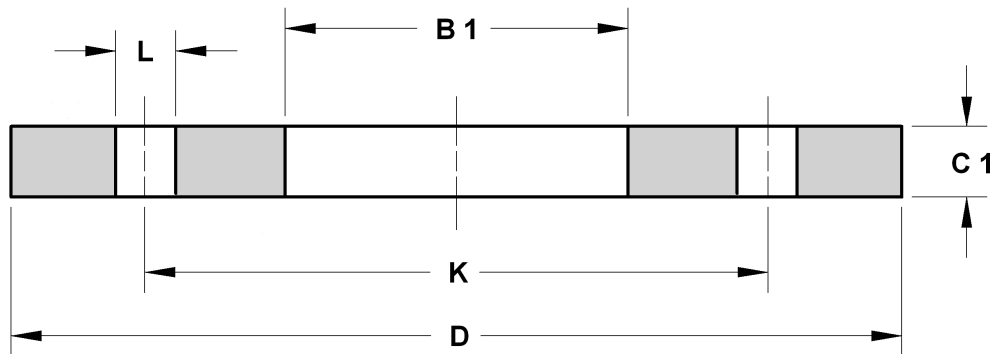
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE PIANE PN 40

## PLATE FLANGES PN 40

EN 1092-1 : 2018

TYPE 01/A PN 40



Dimensions in mm.

\*Values used unless otherwise specified by purchaser

| Cod.       | DN  | D   | K   | FORI / BOLTING |    |      | B1    | C1  | Kg.    |
|------------|-----|-----|-----|----------------|----|------|-------|-----|--------|
|            |     |     |     | L              | N° | SIZE |       |     |        |
| FI60840010 | 10  | 90  | 60  | 14             | 4  | M12  | 18.0  | 14  | 0.60   |
| FI60840015 | 15  | 95  | 65  | 14             | 4  | M12  | 22.0  | 14  | 0.67   |
| FI60840020 | 20  | 105 | 75  | 14             | 4  | M12  | 27.5  | 16  | 0.94   |
| FI60840025 | 25  | 115 | 85  | 14             | 4  | M12  | 34.5  | 16  | 1.00   |
| FI60840032 | 32  | 140 | 100 | 18             | 4  | M16  | 43.5  | 18  | 1.83   |
| FI60840040 | 40  | 150 | 110 | 18             | 4  | M16  | 49.5  | 18  | 2.00   |
| FI60840050 | 50  | 165 | 125 | 18             | 4  | M16  | 61.5  | 20  | 2.50   |
| FI60840065 | 65  | 185 | 145 | 18             | 8  | M16  | 77.5  | 22  | 3.50   |
| FI60840080 | 80  | 200 | 160 | 18             | 8  | M16  | 90.5  | 24  | 4.50   |
| FI60840100 | 100 | 235 | 190 | 22             | 8  | M20  | 116.0 | 26  | 6.00   |
| FI60840125 | 125 | 270 | 220 | 26             | 8  | M24  | 141.5 | 28  | 8.00   |
| FI60840150 | 150 | 300 | 250 | 26             | 8  | M24  | 170.5 | 30  | 10.30  |
| FI60840200 | 200 | 375 | 320 | 30             | 12 | M27  | 221.5 | 36  | 18.00  |
| FI60840250 | 250 | 450 | 385 | 33             | 12 | M30  | 276.5 | 42  | 29.50  |
| FI60840300 | 300 | 515 | 450 | 33             | 16 | M30  | 327.5 | 52  | 41.50  |
| FI60840350 | 350 | 580 | 510 | 36             | 16 | M33  | 359.5 | 58  | 62.00  |
| FI60840400 | 400 | 660 | 585 | 39             | 16 | M36  | 411.0 | 65  | 89.50  |
| FI60840450 | 450 | 685 | 610 | 39             | 20 | M36  | 462.0 | 66* | 91.50  |
| FI60840500 | 500 | 755 | 670 | 42             | 20 | M39  | 513.5 | 72* | 120.00 |
| FI60840600 | 600 | 890 | 795 | 48             | 20 | M45  | 616.5 | 84* | 189.00 |

**— BIAGINI PIERO & C. —**

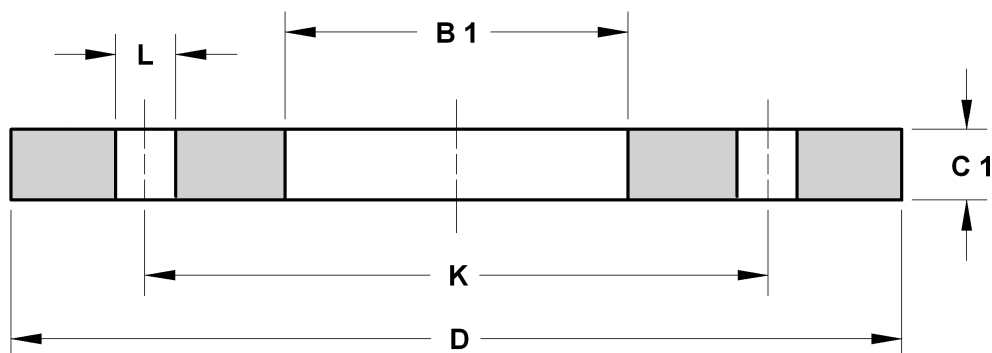
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE PIANE PN 63

## PLATE FLANGES PN 63

EN 1092-1 : 2018

TYPE 01/A PN 63



Dimensions in mm.

| Cod. | DN  | D   | K   | FORI / BOLTING |    |      | B1    | C1 | Kg.    |
|------|-----|-----|-----|----------------|----|------|-------|----|--------|
|      |     |     |     | L              | N° | SIZE |       |    |        |
|      | 50  | 180 | 135 | 22             | 4  | M20  | 61.5  | 26 | 4.50   |
|      | 65  | 205 | 160 | 22             | 8  | M20  | 77.5  | 26 | 5.00   |
|      | 80  | 215 | 170 | 22             | 8  | M20  | 90.5  | 30 | 6.50   |
|      | 100 | 250 | 200 | 26             | 8  | M24  | 116.0 | 32 | 8.50   |
|      | 125 | 295 | 240 | 30             | 8  | M27  | 141.5 | 34 | 12.50  |
|      | 150 | 345 | 280 | 33             | 8  | M30  | 170.5 | 36 | 18.00  |
|      | 200 | 415 | 345 | 36             | 12 | M33  | 221.5 | 48 | 30.50  |
|      | 250 | 470 | 400 | 36             | 12 | M33  | 276.5 | 55 | 43.00  |
|      | 300 | 530 | 460 | 36             | 16 | M33  | 327.5 | 65 | 58.50  |
|      | 350 | 600 | 525 | 39             | 16 | M36  | 359.5 | 72 | 91.50  |
|      | 400 | 670 | 585 | 42             | 16 | M39  | 411.0 | 80 | 121.00 |
|      | 450 |     |     |                |    |      |       |    |        |
|      | 500 | 800 | 705 | 48             | 20 | M45  |       |    |        |
|      | 600 | 930 | 820 | 56             | 20 | M52  |       |    |        |

**— BIAGINI PIERO & C. —**

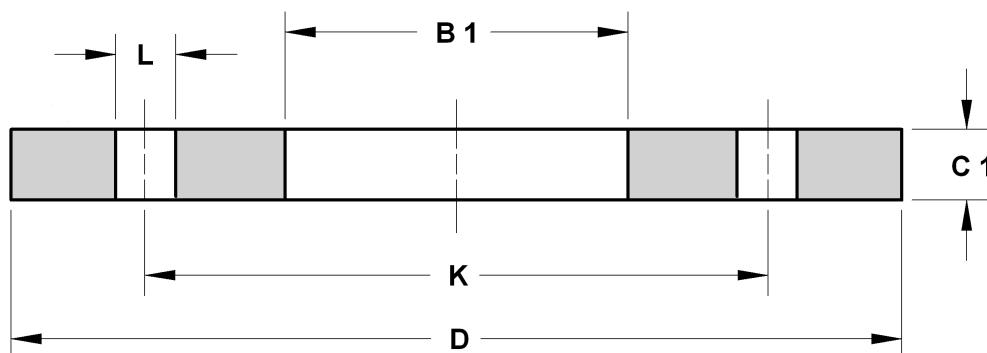
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE PIANE PN 100

## PLATE FLANGES PN 100

EN 1092-1 : 2018

TYPE 01/A PN 100



Dimensions in mm.

\*Values used unless otherwise specified by purchaser

| Cod. | DN  | D   | K   | FORI / BOLTING |    |      | B1    | C1   | Kg.    |
|------|-----|-----|-----|----------------|----|------|-------|------|--------|
|      |     |     |     | L              | N° | SIZE |       |      |        |
|      | 10  | 100 | 70  | 14             | 4  | M12  | 18.0  | 20   | 1.00   |
|      | 15  | 105 | 75  | 14             | 4  | M12  | 22.0  | 20   | 1.00   |
|      | 20  | 130 | 90  | 18             | 4  | M16  | 27.5  | 22   | 2.00   |
|      | 25  | 140 | 100 | 18             | 4  | M16  | 34.5  | 24   | 2.50   |
|      | 32  | 155 | 110 | 22             | 4  | M20  | 43.5  | 24   | 3.00   |
|      | 40  | 170 | 125 | 22             | 4  | M20  | 49.5  | 26   | 4.00   |
|      | 50  | 195 | 145 | 26             | 4  | M24  | 61.5  | 28   | 5.50   |
|      | 65  | 220 | 170 | 26             | 8  | M24  | 77.5  | 30   | 7.00   |
|      | 80  | 230 | 180 | 26             | 8  | M24  | 90.5  | 34   | 8.00   |
|      | 100 | 265 | 210 | 30             | 8  | M27  | 116.0 | 36   | 11.00  |
|      | 125 | 315 | 250 | 33             | 8  | M30  | 141.5 | 42   | 18.50  |
|      | 150 | 355 | 290 | 33             | 12 | M30  | 170.5 | 48   | 25.00  |
|      | 200 | 430 | 360 | 36             | 12 | M33  | 221.5 | 60   | 44.50  |
|      | 250 | 505 | 430 | 39             | 12 | M36  | 276.5 | 72   | 71.00  |
|      | 300 | 585 | 500 | 42             | 16 | M39  | 327.5 | 84   | 107.00 |
|      | 350 | 655 | 560 | 48             | 16 | M45  | 359.5 | 95   | 154.00 |
|      | 400 | 715 | 620 | 48             | 16 | M45  | 411.0 | 106* | 199.50 |
|      | 450 |     |     |                |    |      |       |      |        |
|      | 500 | 870 | 760 | 56             | 20 | M52  | 513.5 | 128* | 399.50 |

**— BIAGINI PIERO & C. —**

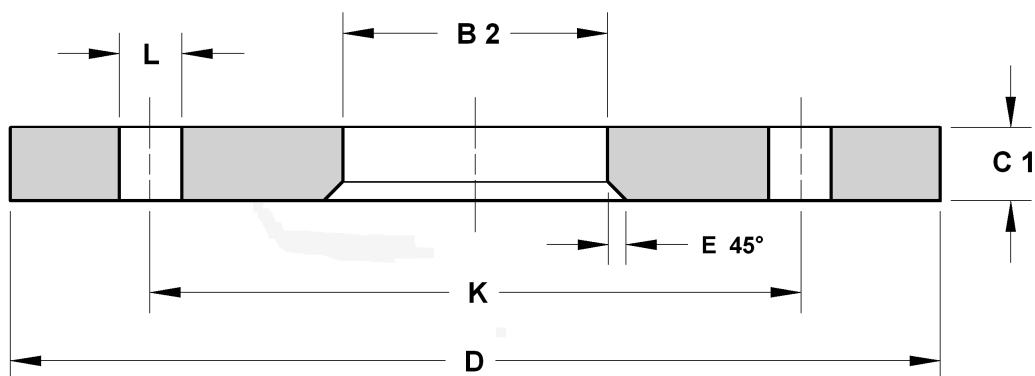
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE LIBERE PN 6

## LOOSE PLATE FLANGES PN 6

EN 1092-1 : 2018

TYPE 02/A PN 6



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | B2   | C1 | E | Kg.   |
|------------|------|------|------|----------------|----|------|------|----|---|-------|
|            |      |      |      | L              | N° | SIZE |      |    |   |       |
| FI60880010 | 10   | 75   | 50   | 11             | 4  | M10  | 21   | 12 | 3 | 0.36  |
| FI60880015 | 15   | 80   | 55   | 11             | 4  | M10  | 25   | 12 | 3 | 0.41  |
| FI60880020 | 20   | 90   | 65   | 11             | 4  | M10  | 31   | 14 | 4 | 0.60  |
| FI60880025 | 25   | 100  | 75   | 11             | 4  | M10  | 38   | 14 | 4 | 0.74  |
| FI60880032 | 32   | 120  | 90   | 14             | 4  | M12  | 46   | 16 | 5 | 1.19  |
| FI60880040 | 40   | 130  | 100  | 14             | 4  | M12  | 53   | 16 | 5 | 1.39  |
| FI60880050 | 50   | 140  | 110  | 14             | 4  | M12  | 65   | 16 | 5 | 1.53  |
| FI60880065 | 65   | 160  | 130  | 14             | 4  | M12  | 81   | 16 | 6 | 1.89  |
| FI60880080 | 80   | 190  | 150  | 18             | 4  | M16  | 94   | 18 | 6 | 2.98  |
| FI60880100 | 100  | 210  | 170  | 18             | 4  | M16  | 120  | 18 | 6 | 3.46  |
| FI60880125 | 125  | 240  | 200  | 18             | 8  | M16  | 145  | 20 | 6 | 4.60  |
| FI60880150 | 150  | 265  | 225  | 18             | 8  | M16  | 174  | 20 | 6 | 5.22  |
| FI60880200 | 200  | 320  | 280  | 18             | 8  | M16  | 226  | 22 | 6 | 7.15  |
| FI60880250 | 250  | 375  | 335  | 18             | 12 | M16  | 281  | 24 | 8 | 9.61  |
| FI60880300 | 300  | 440  | 395  | 22             | 12 | M20  | 333  | 24 | 8 | 12.60 |
| FI60880350 | 350  | 490  | 445  | 22             | 12 | M20  | 365  | 26 | 8 | 15.60 |
| FI60880400 | 400  | 540  | 495  | 22             | 16 | M20  | 416  | 28 | 8 | 18.40 |
| FI60880450 | 450  | 595  | 550  | 22             | 16 | M20  | 467  | 30 | 8 | 21.40 |
| FI60880500 | 500  | 645  | 600  | 22             | 20 | M20  | 519  | 30 | 8 | 24.60 |
| FI60880600 | 600  | 755  | 705  | 26             | 20 | M24  | 622  | 32 | 8 | 35.00 |
| FI60880700 | 700  | 860  | 810  | 26             | 24 | M24  | 721  | 40 | 4 | 48.00 |
| FI60880800 | 800  | 975  | 920  | 30             | 24 | M27  | 824  | 44 | 4 | 63.00 |
| FI60880900 | 900  | 1075 | 1020 | 30             | 24 | M27  | 926  | 48 | 4 | 74.50 |
| FI60881000 | 1000 | 1175 | 1120 | 30             | 28 | M27  | 1028 | 52 | 4 | 82.00 |

**— BIAGINI PIERO & C. —**

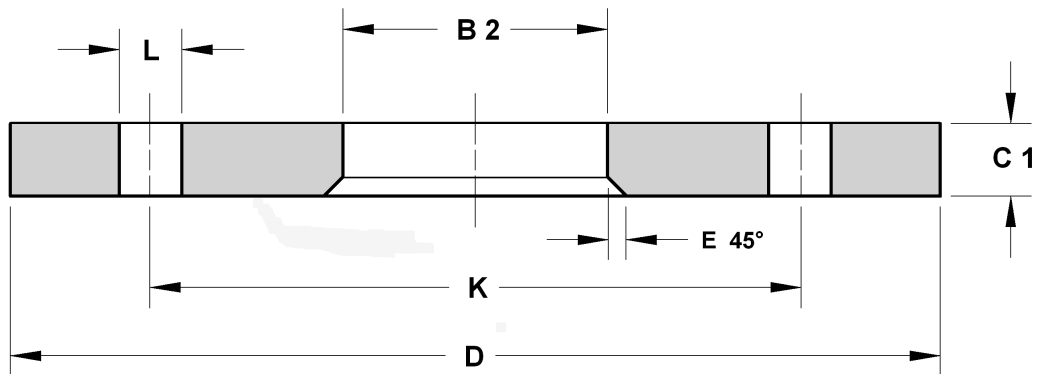
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE LIBERE PN 10

## LOOSE PLATE FLANGES PN 10

EN 1092-1 : 2018

TYPE 02/A PN 10



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | B2   | C1 | E | Kg.    |
|------------|------|------|------|----------------|----|------|------|----|---|--------|
|            |      |      |      | L              | N° | SIZE |      |    |   |        |
| FI60890200 | 200  | 340  | 295  | 22             | 8  | M20  | 226  | 24 | 6 | 9.31   |
| FI60890250 | 250  | 395  | 350  | 22             | 12 | M20  | 281  | 26 | 8 | 11.90  |
| FI60890300 | 300  | 445  | 400  | 22             | 12 | M20  | 333  | 26 | 8 | 13.80  |
| FI60890350 | 350  | 505  | 460  | 22             | 16 | M20  | 365  | 30 | 8 | 19.00  |
| FI60890400 | 400  | 565  | 515  | 26             | 16 | M24  | 416  | 32 | 8 | 25.90  |
| FI60890450 | 450  | 615  | 565  | 26             | 20 | M24  | 467  | 36 | 8 | 33.50  |
| FI60890500 | 500  | 670  | 620  | 26             | 20 | M24  | 519  | 38 | 8 | 41.10  |
| FI60890600 | 600  | 780  | 725  | 30             | 20 | M27  | 622  | 42 | 8 | 54.50  |
| FI60890700 | 700  | 895  | 840  | 30             | 24 | M27  | 721  | 50 | 8 | 65.00  |
| FI60890800 | 800  | 1015 | 950  | 33             | 24 | M30  | 824  | 56 | 8 | 90.00  |
| FI60890900 | 900  | 1115 | 1050 | 33             | 28 | M30  | 926  | 62 | 8 | 100.00 |
| FI60891000 | 1000 | 1230 | 1160 | 36             | 28 | M33  | 1028 | 70 | 8 | 130.00 |

**— BIAGINI PIERO & C. —**

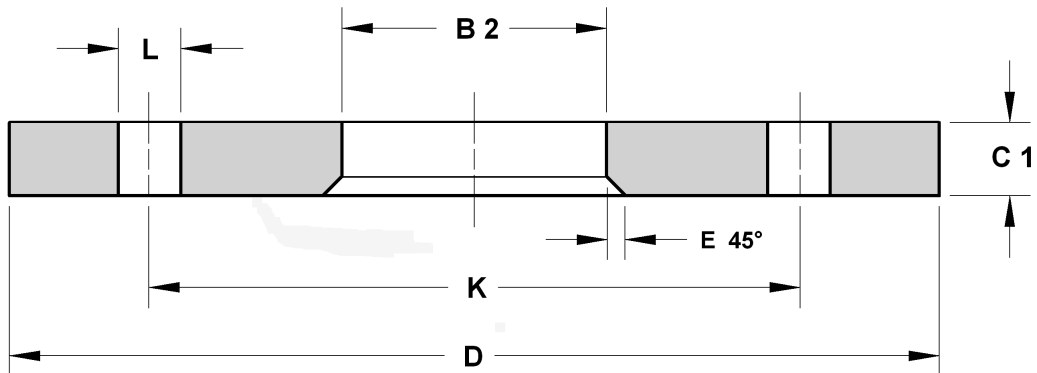
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE LIBERE PN 16

## LOOSE PLATE FLANGES PN 16

EN 1092-1 : 2018

TYPE 02/A PN 16



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | B2   | C1 | E | Kg.    |
|------------|------|------|------|----------------|----|------|------|----|---|--------|
|            |      |      |      | L              | N° | SIZE |      |    |   |        |
| FI60900050 | 50   | 165  | 125  | 18             | 4  | M16  | 65   | 20 | 5 | 2.50   |
| FI60900065 | 65   | 185  | 145  | 18             | 4  | M16  | 81   | 20 | 6 | 3.00   |
| FU60900065 | 65   | 185  | 145  | 18             | 8  | M16  | 81   | 20 | 6 | 3.00   |
| FI60900080 | 80   | 200  | 160  | 18             | 8  | M16  | 94   | 20 | 6 | 3.50   |
| FI60900100 | 100  | 220  | 180  | 18             | 8  | M16  | 120  | 22 | 6 | 4.40   |
| FI60900125 | 125  | 250  | 210  | 18             | 8  | M16  | 145  | 22 | 6 | 5.50   |
| FI60900150 | 150  | 285  | 240  | 22             | 8  | M20  | 174  | 24 | 6 | 7.00   |
| FI60900200 | 200  | 340  | 295  | 22             | 12 | M20  | 226  | 26 | 6 | 9.50   |
| FI60900250 | 250  | 405  | 355  | 26             | 12 | M24  | 281  | 29 | 8 | 14.00  |
| FI60900300 | 300  | 460  | 410  | 26             | 12 | M24  | 333  | 32 | 8 | 19.00  |
| FI60900350 | 350  | 520  | 470  | 26             | 16 | M24  | 365  | 35 | 8 | 28.00  |
| FI60900400 | 400  | 580  | 525  | 30             | 16 | M27  | 416  | 38 | 8 | 36.00  |
| FI60900450 | 450  | 640  | 585  | 30             | 20 | M27  | 467  | 42 | 8 | 46.00  |
| FI60900500 | 500  | 715  | 650  | 33             | 20 | M30  | 519  | 46 | 8 | 64.00  |
| FI60900600 | 600  | 840  | 770  | 36             | 20 | M33  | 622  | 55 | 8 | 96.00  |
| FI60900700 | 700  | 910  | 840  | 36             | 24 | M33  | 721  | 63 | 8 | 88.00  |
| FI60900800 | 800  | 1025 | 950  | 39             | 24 | M36  | 824  | 74 | 8 | 115.00 |
| FI60900900 | 900  | 1125 | 1050 | 39             | 28 | M36  | 926  | 82 | 8 | 125.00 |
| FI60901000 | 1000 | 1255 | 1170 | 42             | 28 | M39  | 1030 | 90 | 8 | 160.00 |

**— BIAGINI PIERO & C. —**

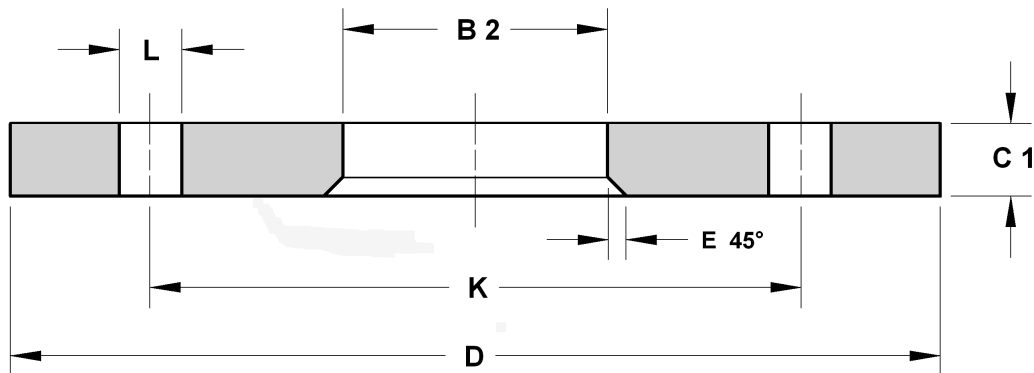
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE LIBERE PN 25

## LOOSE PLATE FLANGES PN 25

EN 1092-1 : 2018

TYPE 02/A PN 25



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | B2  | C1 | E | Kg.    |
|------------|------|------|------|----------------|----|------|-----|----|---|--------|
|            |      |      |      | L              | N° | SIZE |     |    |   |        |
| FI22990200 | 200  | 360  | 310  | 26             | 12 | M24  | 226 | 32 | 6 | 14.50  |
| FI22990250 | 250  | 425  | 370  | 30             | 12 | M27  | 281 | 35 | 8 | 20.00  |
| FI22990300 | 300  | 485  | 430  | 30             | 16 | M27  | 333 | 38 | 8 | 26.50  |
| FI22990350 | 350  | 555  | 490  | 33             | 16 | M30  | 365 | 42 | 8 | 42.00  |
| FI22990400 | 400  | 620  | 550  | 36             | 16 | M33  | 416 | 48 | 8 | 55.00  |
| FI22990450 | 450  | 670  | 600  | 36             | 20 | M33  | 467 | 54 | 8 | 64.50  |
| FI22990500 | 500  | 730  | 660  | 36             | 20 | M33  | 519 | 58 | 8 | 84.00  |
| FI22990600 | 600  | 845  | 770  | 39             | 20 | M36  | 622 | 68 | 8 | 127.50 |
| FI22990700 | 700  | 960  | 875  | 42             | 24 | M39  | 721 | 85 | 8 |        |
| FI22990800 | 800  | 1085 | 990  | 48             | 24 | M45  | 824 | 95 | 8 |        |
| FI22990900 | 900  | 1185 | 1090 | 48             | 28 | M45  |     |    |   |        |
| FI22991000 | 1000 | 1320 | 1210 | 56             | 28 | M52  |     |    |   |        |

**— BIAGINI PIERO & C. —**

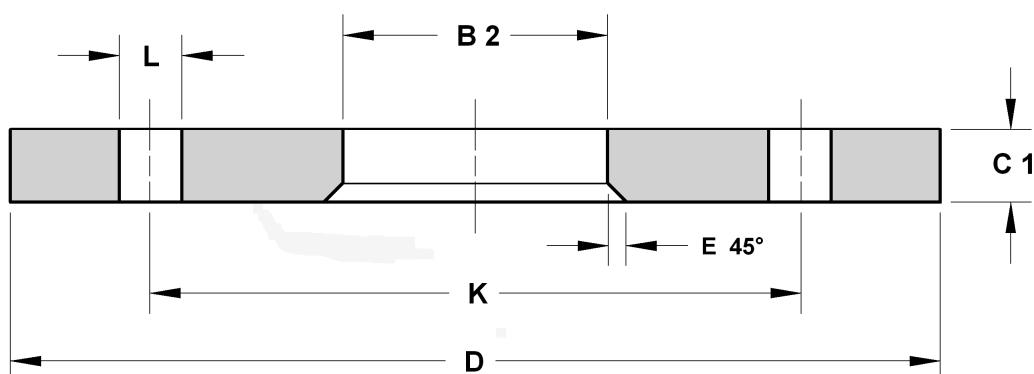
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE LIBERE PN 40

## LOOSE PLATE FLANGES PN 40

EN 1092-1 : 2018

TYPE 02/A PN 40



Dimensions in mm.

\*Values used unless otherwise specified by purchaser

| Cod.       | DN  | D   | K   | FORI / BOLTING |    |      | B2  | C1  | E | Kg.    |
|------------|-----|-----|-----|----------------|----|------|-----|-----|---|--------|
|            |     |     |     | L              | N° | SIZE |     |     |   |        |
| FI23000010 | 10  | 90  | 60  | 14             | 4  | M12  | 21  | 14  | 3 | 0.60   |
| FI23000015 | 15  | 95  | 65  | 14             | 4  | M12  | 25  | 14  | 3 | 0.67   |
| FI23000020 | 20  | 105 | 75  | 14             | 4  | M12  | 31  | 16  | 4 | 0.94   |
| FI23000025 | 25  | 115 | 85  | 14             | 4  | M12  | 38  | 16  | 4 | 1.00   |
| FI23000032 | 32  | 140 | 100 | 18             | 4  | M16  | 47  | 18  | 5 | 1.83   |
| FI23000040 | 40  | 150 | 110 | 18             | 4  | M16  | 53  | 18  | 5 | 2.00   |
| FI23000050 | 50  | 165 | 125 | 18             | 4  | M16  | 65  | 20  | 5 | 2.50   |
| FI23000065 | 65  | 185 | 145 | 18             | 8  | M16  | 81  | 22  | 6 | 3.50   |
| FI23000080 | 80  | 200 | 160 | 18             | 8  | M16  | 94  | 24  | 6 | 4.50   |
| FI23000100 | 100 | 235 | 190 | 22             | 8  | M20  | 120 | 26  | 6 | 6.00   |
| FI23000125 | 125 | 270 | 220 | 26             | 8  | M24  | 145 | 28  | 6 | 8.00   |
| FI23000150 | 150 | 300 | 250 | 26             | 8  | M24  | 174 | 30  | 6 | 10.30  |
| FI23000200 | 200 | 375 | 320 | 30             | 12 | M27  | 226 | 36  | 6 | 18.00  |
| FI23000250 | 250 | 450 | 385 | 33             | 12 | M30  | 281 | 42  | 8 | 29.50  |
| FI23000300 | 300 | 515 | 450 | 33             | 16 | M30  | 333 | 52  | 8 | 41.50  |
| FI23000350 | 350 | 580 | 510 | 36             | 16 | M33  | 365 | 58  | 8 | 62.00  |
| FI23000400 | 400 | 660 | 585 | 39             | 16 | M36  | 416 | 65  | 8 | 89.50  |
| FI23000450 | 450 | 685 | 610 | 39             | 20 | M36  | 467 | 66* | 8 | 91.50  |
| FI23000500 | 500 | 755 | 670 | 42             | 20 | M39  | 519 | 72* | 8 | 120.00 |
| FI23000600 | 600 | 890 | 795 | 48             | 20 | M45  | 622 | 84* | 8 | 189.00 |

**BIAGINI PIERO & C.**

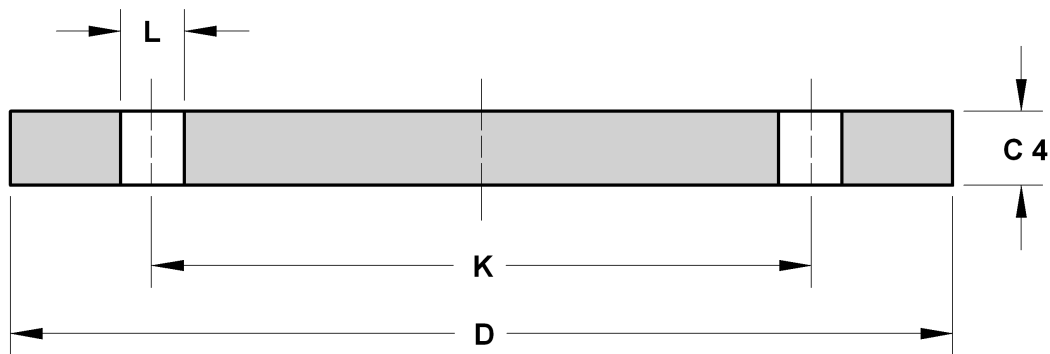
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE CIECHE PN 6

BLANK FLANGES PN 6

EN 1092-1 : 2018

TYPE 05/A PN 6



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | C4 | Kg.    |
|------------|------|------|------|----------------|----|------|----|--------|
|            |      |      |      | L              | N° | SIZE |    |        |
| FI60910010 | 10   | 75   | 50   | 11             | 4  | M10  | 12 | 0.38   |
| FI60910015 | 15   | 80   | 55   | 11             | 4  | M10  | 12 | 0.44   |
| FI60910020 | 20   | 90   | 65   | 11             | 4  | M10  | 14 | 0.65   |
| FI60910025 | 25   | 100  | 75   | 11             | 4  | M10  | 14 | 0.82   |
| FI60910032 | 32   | 120  | 90   | 14             | 4  | M12  | 14 | 1.17   |
| FI60910040 | 40   | 130  | 100  | 14             | 4  | M12  | 14 | 1.39   |
| FI60910050 | 50   | 140  | 110  | 14             | 4  | M12  | 14 | 1.62   |
| FI60910065 | 65   | 160  | 130  | 14             | 4  | M12  | 14 | 2.14   |
| FI60910080 | 80   | 190  | 150  | 18             | 4  | M16  | 16 | 3.43   |
| FI60910100 | 100  | 210  | 170  | 18             | 4  | M16  | 16 | 4.22   |
| FI60910125 | 125  | 240  | 200  | 18             | 8  | M16  | 18 | 6.11   |
| FI60910150 | 150  | 265  | 225  | 18             | 8  | M16  | 18 | 7.51   |
| FI60910200 | 200  | 320  | 280  | 18             | 8  | M16  | 20 | 12.30  |
| FI60910250 | 250  | 375  | 335  | 18             | 12 | M16  | 22 | 18.50  |
| FI60910300 | 300  | 440  | 395  | 22             | 12 | M20  | 22 | 25.50  |
| FI60910350 | 350  | 490  | 445  | 22             | 12 | M20  | 22 | 31.80  |
| FI60910400 | 400  | 540  | 495  | 22             | 16 | M20  | 22 | 38.50  |
| FI60910450 | 450  | 595  | 550  | 22             | 16 | M20  | 24 | 47.00  |
| FI60910500 | 500  | 645  | 600  | 22             | 20 | M20  | 24 | 60.40  |
| FI60910600 | 600  | 755  | 705  | 26             | 20 | M24  | 30 | 103.00 |
| FI60910700 | 700  | 860  | 810  | 26             | 24 | M24  | 40 | 178.50 |
| FI60910800 | 800  | 975  | 920  | 30             | 24 | M27  | 44 | 252.00 |
| FI60910900 | 900  | 1075 | 1020 | 30             | 24 | M27  | 48 | 335.50 |
| FI60911000 | 1000 | 1175 | 1120 | 30             | 28 | M27  | 52 | 434.50 |

**— BIAGINI PIERO & C. —**

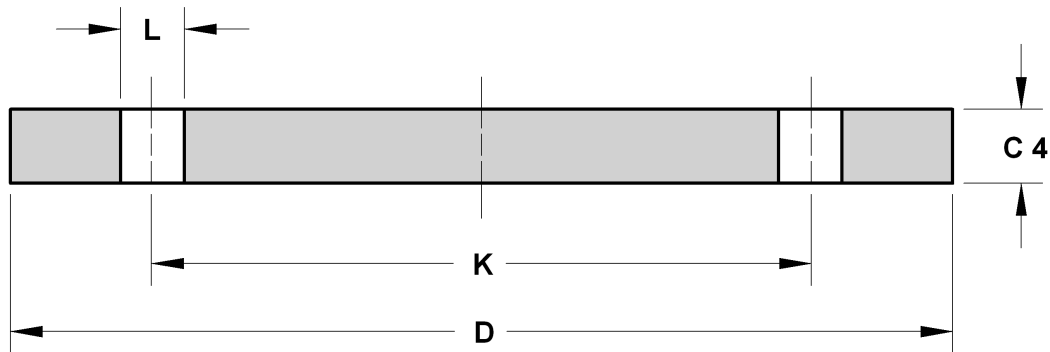
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE CIECHE PN 10

BLANK FLANGES PN 10

EN 1092-1 : 2018

TYPE 05/A PN 10



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | C4 | Kg.    |
|------------|------|------|------|----------------|----|------|----|--------|
|            |      |      |      | L              | N° | SIZE |    |        |
| FI60920200 | 200  | 340  | 295  | 22             | 8  | M20  | 24 | 16.50  |
| FI60920250 | 250  | 395  | 350  | 22             | 12 | M20  | 26 | 24.10  |
| FI60920300 | 300  | 445  | 400  | 22             | 12 | M20  | 26 | 30.80  |
| FI60920350 | 350  | 505  | 460  | 22             | 16 | M20  | 26 | 39.60  |
| FI60920400 | 400  | 565  | 515  | 26             | 16 | M24  | 26 | 49.40  |
| FI60920450 | 450  | 615  | 565  | 26             | 20 | M24  | 28 | 58.60  |
| FI60920500 | 500  | 670  | 620  | 26             | 20 | M24  | 28 | 75.00  |
| FI60920600 | 600  | 780  | 725  | 30             | 20 | M27  | 34 | 124.00 |
| FI60920700 | 700  | 895  | 840  | 30             | 24 | M27  | 38 | 182.50 |
| FI60920800 | 800  | 1015 | 950  | 33             | 24 | M30  | 48 | 260.00 |
| FI60920900 | 900  | 1115 | 1050 | 33             | 28 | M30  | 50 | 344.00 |
| FI60921000 | 1000 | 1230 | 1160 | 36             | 28 | M33  | 54 | 473.50 |

**— BIAGINI PIERO & C. —**

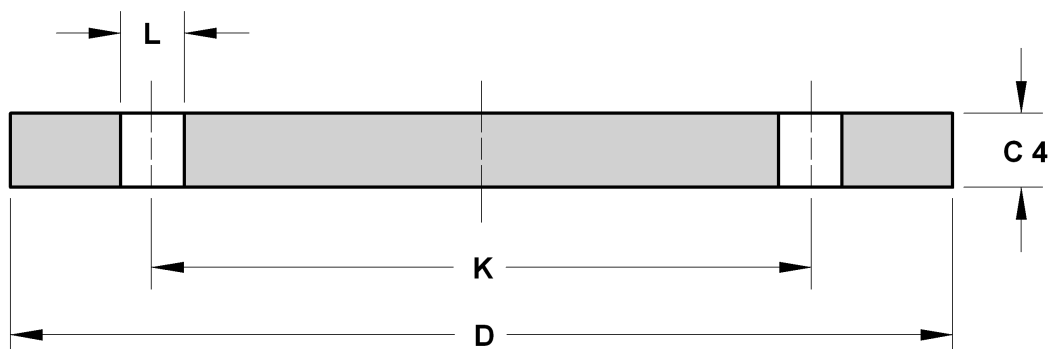
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE CIECHE PN 16

## BLANK FLANGES PN 16

EN 1092-1 : 2018

TYPE 05/A PN 16



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | C4 | Kg.    |
|------------|------|------|------|----------------|----|------|----|--------|
|            |      |      |      | L              | N° | SIZE |    |        |
| FI60930050 | 50   | 165  | 125  | 18             | 4  | M16  | 18 | 2.87   |
| FI60930065 | 65   | 185  | 145  | 18             | 4  | M16  | 18 | 3.65   |
| FU60930065 | 65   | 185  | 145  | 18             | 8  | M16  | 18 | 3.65   |
| FI60930080 | 80   | 200  | 160  | 18             | 8  | M16  | 20 | 4.61   |
| FI60930100 | 100  | 220  | 180  | 18             | 8  | M16  | 20 | 5.65   |
| FI60930125 | 125  | 250  | 210  | 18             | 8  | M16  | 22 | 8.12   |
| FI60930150 | 150  | 285  | 240  | 22             | 8  | M20  | 22 | 10.50  |
| FI60930200 | 200  | 340  | 295  | 22             | 12 | M20  | 24 | 16.20  |
| FI60930250 | 250  | 405  | 355  | 26             | 12 | M24  | 26 | 25.10  |
| FI60930300 | 300  | 460  | 410  | 26             | 12 | M24  | 28 | 35.20  |
| FI60930350 | 350  | 520  | 470  | 26             | 16 | M24  | 30 | 48.20  |
| FI60930400 | 400  | 580  | 525  | 30             | 16 | M27  | 32 | 63.50  |
| FI60930450 | 450  | 640  | 585  | 30             | 20 | M27  | 40 | 96.50  |
| FI60930500 | 500  | 715  | 650  | 33             | 20 | M30  | 44 | 133.00 |
| FI60930600 | 600  | 840  | 770  | 36             | 20 | M33  | 54 | 226.50 |
| FI60930700 | 700  | 910  | 840  | 36             | 24 | M33  | 58 | 236.00 |
| FI60930800 | 800  | 1025 | 950  | 39             | 24 | M36  | 62 | 325.00 |
| FI60930900 | 900  | 1125 | 1050 | 39             | 28 | M36  | 64 | 437.50 |
| FI60931000 | 1000 | 1255 | 1170 | 42             | 28 | M39  | 68 | 602.00 |

**— BIAGINI PIERO & C. —**

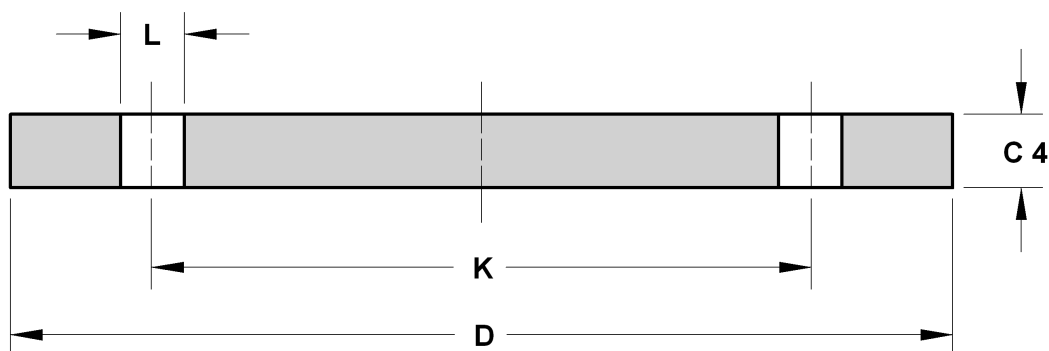
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE CIECHE PN 25

BLANK FLANGES PN 25

EN 1092-1 : 2018

TYPE 05/A PN 25



Dimensions in mm.

| Cod.       | DN  | D   | K   | FORI / BOLTING |    |      | C4 | Kg.    |
|------------|-----|-----|-----|----------------|----|------|----|--------|
|            |     |     |     | L              | N° | SIZE |    |        |
| FI60940200 | 200 | 360 | 310 | 26             | 12 | M24  | 30 | 22.60  |
| FI60940250 | 250 | 425 | 370 | 30             | 12 | M27  | 32 | 33.50  |
| FI60940300 | 300 | 485 | 430 | 30             | 16 | M27  | 34 | 46.30  |
| FI60940350 | 350 | 555 | 490 | 33             | 16 | M30  | 38 | 68.10  |
| FI60940400 | 400 | 620 | 550 | 36             | 16 | M33  | 40 | 89.70  |
| FI60940450 | 450 | 670 | 600 | 36             | 20 | M33  | 50 | 120.00 |
| FI60940500 | 500 | 730 | 660 | 36             | 20 | M33  | 51 | 150.00 |
| FI60940600 | 600 | 845 | 770 | 39             | 20 | M36  | 66 | 244.50 |

**— BIAGINI PIERO & C. —**

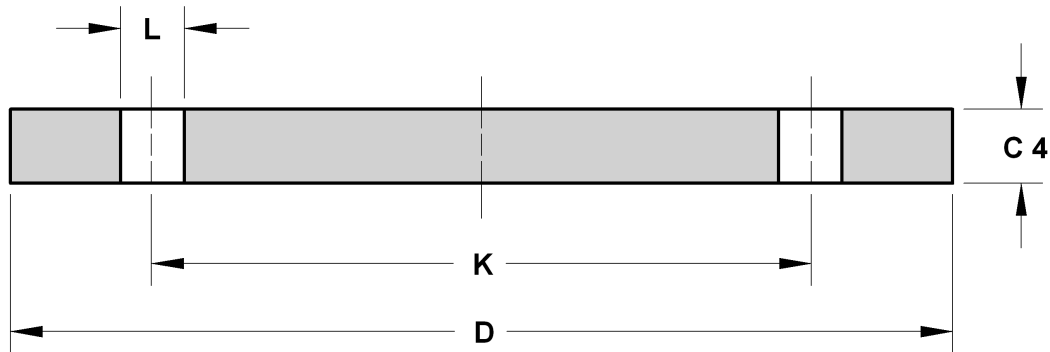
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE CIECHE PN 40

BLANK FLANGES PN 40

EN 1092-1 : 2018

TYPE 05/A PN 40



Dimensions mm.

| Cod.       | DN  | D   | K   | FORI / BOLTING |    |      | C4 | Kg.    |
|------------|-----|-----|-----|----------------|----|------|----|--------|
|            |     |     |     | L              | N° | SIZE |    |        |
| FI60950010 | 10  | 90  | 60  | 14             | 4  | M12  | 16 | 0.72   |
| FI60950015 | 15  | 95  | 65  | 14             | 4  | M12  | 16 | 0.81   |
| FI60950020 | 20  | 105 | 75  | 14             | 4  | M12  | 18 | 1.14   |
| FI60950025 | 25  | 115 | 85  | 14             | 4  | M12  | 18 | 1.38   |
| FI60950032 | 32  | 140 | 100 | 18             | 4  | M16  | 18 | 2.03   |
| FI60950040 | 40  | 150 | 110 | 18             | 4  | M16  | 18 | 2.35   |
| FI60950050 | 50  | 165 | 125 | 18             | 4  | M16  | 20 | 3.20   |
| FI60950065 | 65  | 185 | 145 | 18             | 8  | M16  | 22 | 4.29   |
| FI60950080 | 80  | 200 | 160 | 18             | 8  | M16  | 24 | 5.53   |
| FI60950100 | 100 | 235 | 190 | 22             | 8  | M20  | 24 | 7.59   |
| FI60950125 | 125 | 270 | 220 | 26             | 8  | M24  | 26 | 10.80  |
| FI60950150 | 150 | 300 | 250 | 26             | 8  | M24  | 28 | 14.70  |
| FI60950200 | 200 | 375 | 320 | 30             | 12 | M27  | 36 | 27.20  |
| FI60950250 | 250 | 450 | 385 | 33             | 12 | M30  | 38 | 44.40  |
| FI60950300 | 300 | 515 | 450 | 33             | 16 | M30  | 42 | 64.20  |
| FI60950350 | 350 | 580 | 510 | 36             | 16 | M33  | 46 | 89.50  |
| FI60950400 | 400 | 660 | 585 | 39             | 16 | M36  | 50 | 127.00 |
| FI60950450 | 450 | 685 | 610 | 39             | 20 | M36  | 57 | 154.00 |
| FI60950500 | 500 | 755 | 670 | 42             | 20 | M39  | 57 | 188.00 |
| FI60950600 | 600 | 890 | 795 | 48             | 20 | M45  | 72 | 331.00 |

**— BIAGINI PIERO & C. —**

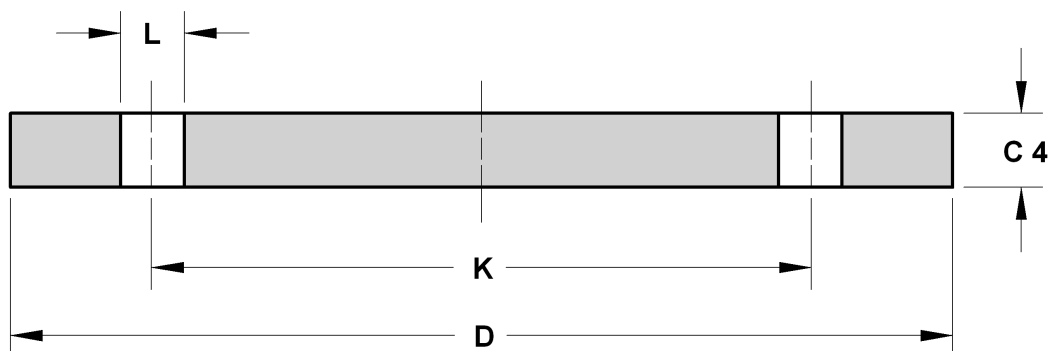
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE CIECHE PN 63

BLANK FLANGES PN 63

EN 1092-1 : 2018

TYPE 05/A PN 63



Dimensions in mm.

| Cod.       | DN  | D   | K   | FORI / BOLTING |    |      | C4 | Kg.    |
|------------|-----|-----|-----|----------------|----|------|----|--------|
|            |     |     |     | L              | N° | SIZE |    |        |
| FI60960050 | 50  | 180 | 135 | 22             | 4  | M20  | 26 | 5.00   |
| FI60960065 | 65  | 205 | 160 | 22             | 8  | M20  | 26 | 6.00   |
| FI60960080 | 80  | 215 | 170 | 22             | 8  | M20  | 28 | 7.50   |
| FI60960100 | 100 | 250 | 200 | 26             | 8  | M24  | 30 | 10.50  |
| FI60960125 | 125 | 295 | 240 | 30             | 8  | M27  | 34 | 16.50  |
| FI60960150 | 150 | 345 | 280 | 33             | 8  | M30  | 36 | 24.50  |
| FI60960200 | 200 | 415 | 345 | 36             | 12 | M33  | 42 | 40.50  |
| FI60960250 | 250 | 470 | 400 | 36             | 12 | M33  | 46 | 58.00  |
| FI60960300 | 300 | 530 | 460 | 36             | 16 | M33  | 52 | 83.50  |
| FI60960350 | 350 | 600 | 525 | 39             | 16 | M36  | 56 | 116.00 |
| FI60960400 | 400 | 670 | 585 | 42             | 16 | M39  | 60 | 155.50 |
| FI60960450 | 450 |     |     |                |    |      |    |        |
| FI60960500 | 500 | 800 | 705 | 48             | 20 | M45  |    |        |
| FI60960600 | 600 | 930 | 820 | 56             | 20 | M52  |    |        |

**— BIAGINI PIERO & C. —**

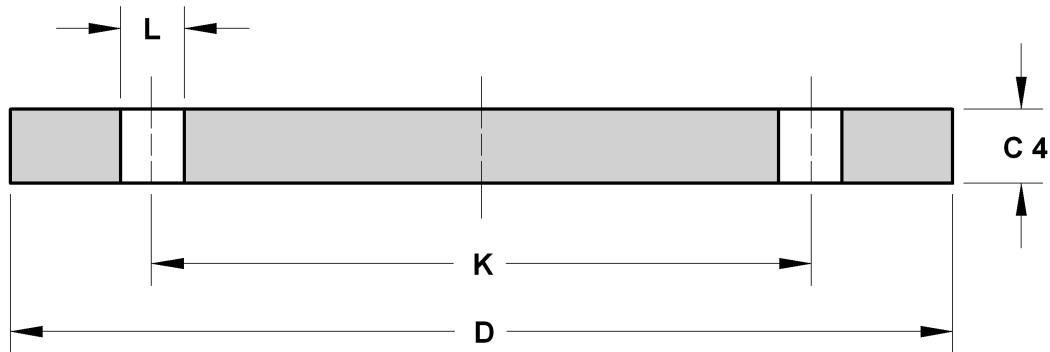
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE CIECHE PN 100

BLANK FLANGES PN 100

EN 1092-1 : 2018

TYPE 05/A PN 100



Dimensions in mm.

| Cod.       | DN  | D   | K   | FORI / BOLTING |    |      | C4 | Kg.    |
|------------|-----|-----|-----|----------------|----|------|----|--------|
|            |     |     |     | L              | N° | SIZE |    |        |
| FI60970010 | 10  | 100 | 70  | 14             | 4  | M12  | 20 | 1.00   |
| FI60970015 | 15  | 105 | 75  | 14             | 4  | M12  | 20 | 1.50   |
| FI60970020 | 20  | 130 | 90  | 18             | 4  | M16  | 22 | 2.00   |
| FI60970025 | 25  | 140 | 100 | 18             | 4  | M16  | 24 | 2.50   |
| FI60970032 | 32  | 155 | 110 | 22             | 4  | M20  | 24 | 3.50   |
| FI60970040 | 40  | 170 | 125 | 22             | 4  | M20  | 26 | 4.50   |
| FI60970050 | 50  | 195 | 145 | 26             | 4  | M24  | 28 | 6.00   |
| FI60970065 | 65  | 220 | 170 | 26             | 8  | M24  | 30 | 8.00   |
| FI60970080 | 80  | 230 | 180 | 26             | 8  | M24  | 32 | 9.50   |
| FI60970100 | 100 | 265 | 210 | 30             | 8  | M27  | 36 | 14.00  |
| FI60970125 | 125 | 315 | 250 | 33             | 8  | M30  | 40 | 22.50  |
| FI60970150 | 150 | 355 | 290 | 33             | 12 | M30  | 44 | 30.50  |
| FI60970200 | 200 | 430 | 360 | 36             | 12 | M33  | 52 | 54.50  |
| FI60970250 | 250 | 505 | 430 | 39             | 12 | M36  | 60 | 87.50  |
| FI60970300 | 300 | 585 | 500 | 42             | 16 | M39  | 68 | 131.50 |
| FI60970350 | 350 | 655 | 560 | 48             | 16 | M45  | 74 | 179.00 |
| FI60970400 | 400 | 715 | 620 | 48             | 16 | M45  |    |        |
| FI60970450 | 450 |     |     |                |    |      |    |        |
| FI60970500 | 500 | 870 | 760 | 56             | 20 | M52  |    |        |

**— BIAGINI PIERO & C. —**

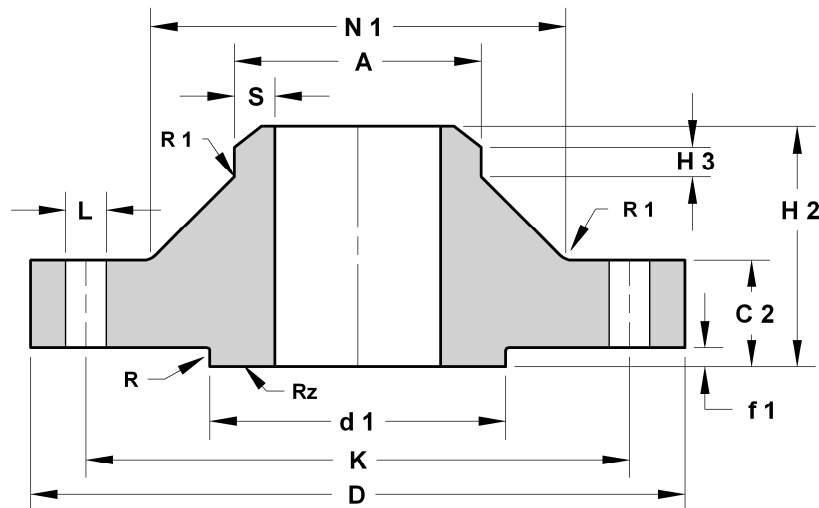
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE A COLLARE PN 6

## WELD-NECK FLANGES PN 6

EN 1092-1 : 2018

TYPE 11/B1 PN 6



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | A      | C2 | H2 | H3 | N1   | R1 | S   | d1   | f1 | R   | Kg.   |
|------------|------|------|------|----------------|----|------|--------|----|----|----|------|----|-----|------|----|-----|-------|
|            |      |      |      | L              | N° | SIZE |        |    |    |    |      |    |     |      |    |     |       |
| FI22800010 | 10   | 75   | 50   | 11             | 4  | M10  | 17.2   | 12 | 28 | 6  | 26   | 4  | 2.0 | 35   | 2  | 2.5 | 0.33  |
| FI22800015 | 15   | 80   | 55   | 11             | 4  | M10  | 21.3   | 12 | 30 | 6  | 30   | 4  | 2.0 | 40   | 2  | 2.5 | 0.39  |
| FI22800020 | 20   | 90   | 65   | 11             | 4  | M10  | 26.9   | 14 | 32 | 6  | 38   | 4  | 2.3 | 50   | 2  | 2.5 | 0.59  |
| FI22800025 | 25   | 100  | 75   | 11             | 4  | M10  | 33.7   | 14 | 35 | 6  | 42   | 4  | 2.6 | 60   | 2  | 2.5 | 0.74  |
| FI22800032 | 32   | 120  | 90   | 14             | 4  | M12  | 42.4   | 14 | 35 | 6  | 55   | 6  | 2.6 | 70   | 2  | 2.5 | 1.00  |
| FI22800040 | 40   | 130  | 100  | 14             | 4  | M12  | 48.3   | 14 | 38 | 7  | 62   | 6  | 2.6 | 80   | 3  | 2.5 | 1.18  |
| FI22800050 | 50   | 140  | 110  | 14             | 4  | M12  | 60.3   | 14 | 38 | 8  | 74   | 6  | 2.9 | 90   | 3  | 2.5 | 1.34  |
| FI22800065 | 65   | 160  | 130  | 14             | 4  | M12  | 76.1   | 14 | 38 | 9  | 88   | 6  | 2.9 | 110  | 3  | 2.5 | 1.67  |
| FI22800080 | 80   | 190  | 150  | 18             | 4  | M16  | 88.9   | 16 | 42 | 10 | 102  | 8  | 3.2 | 128  | 3  | 2.5 | 2.71  |
| FI22800100 | 100  | 210  | 170  | 18             | 4  | M16  | 114.3  | 16 | 45 | 10 | 130  | 8  | 3.6 | 148  | 3  | 3.0 | 3.24  |
| FI22800125 | 125  | 240  | 200  | 18             | 8  | M16  | 139.7  | 18 | 48 | 10 | 155  | 8  | 4.0 | 178  | 3  | 3.0 | 4.49  |
| FI22800150 | 150  | 265  | 225  | 18             | 8  | M16  | 168.3  | 18 | 48 | 12 | 184  | 10 | 4.5 | 202  | 3  | 3.0 | 5.15  |
| FI22800200 | 200  | 320  | 280  | 18             | 8  | M16  | 219.1  | 20 | 55 | 15 | 236  | 10 | 6.3 | 258  | 3  | 3.0 | 7.78  |
| FI22800250 | 250  | 375  | 335  | 18             | 12 | M16  | 273.0  | 22 | 60 | 15 | 290  | 12 | 6.3 | 312  | 3  | 3.0 | 10.80 |
| FI22800300 | 300  | 440  | 395  | 22             | 12 | M20  | 323.9  | 22 | 62 | 15 | 342  | 12 | 7.1 | 365  | 4  | 3.0 | 14.00 |
| FI22800350 | 350  | 490  | 445  | 22             | 12 | M20  | 355.6  | 22 | 62 | 15 | 385  | 12 | 7.1 | 415  | 4  | 3.5 | 18.50 |
| FI22800400 | 400  | 540  | 495  | 22             | 16 | M20  | 406.4  | 22 | 65 | 15 | 438  | 12 | 7.1 | 465  | 4  | 3.5 | 21.20 |
| FI22800450 | 450  | 595  | 550  | 22             | 16 | M20  | 457.0  | 22 | 65 | 15 | 492  | 12 | 7.1 | 520  | 4  | 3.5 | 25.00 |
| FI22800500 | 500  | 645  | 600  | 22             | 20 | M20  | 508.0  | 24 | 68 | 15 | 538  | 12 | 7.1 | 570  | 4  | 3.5 | 28.60 |
| FI22800600 | 600  | 755  | 705  | 26             | 20 | M24  | 610.0  | 30 | 70 | 16 | 640  | 12 | 7.1 | 670  | 5  | 3.5 | 43.00 |
| FI22800700 | 700  | 860  | 810  | 26             | 24 | M24  | 711.0  | 30 | 76 | 16 | 740  | 12 | 8.0 | 775  | 5  | 3.5 | 37.40 |
| FI22800800 | 800  | 975  | 920  | 30             | 24 | M27  | 813.0  | 30 | 76 | 16 | 842  | 12 | 8.0 | 880  | 5  | 3.5 | 46.10 |
| FI22800900 | 900  | 1075 | 1020 | 30             | 24 | M27  | 914.0  | 34 | 78 | 16 | 942  | 12 | 8.0 | 980  | 5  | 3.5 | 55.60 |
| FI22801000 | 1000 | 1175 | 1120 | 30             | 28 | M27  | 1016.0 | 38 | 82 | 16 | 1045 | 16 | 8.0 | 1080 | 5  | 4.0 | 61.90 |

**— BIAGINI PIERO & C. —**

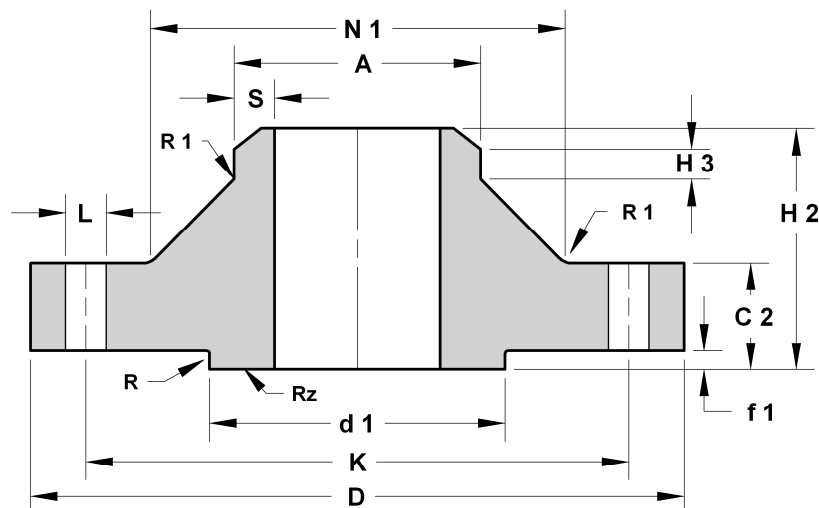
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE A COLLARE PN 10

## WELD-NECK FLANGES PN 10

EN 1092-1 : 2018

TYPE 11/B1 PN 10



Dimensions mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | A      | C2 | H2  | H3 | N1   | R1 | S    | d1   | f1 | R   | Kg.    |
|------------|------|------|------|----------------|----|------|--------|----|-----|----|------|----|------|------|----|-----|--------|
|            |      |      |      | L              | N° | SIZE |        |    |     |    |      |    |      |      |    |     |        |
| FI22810200 | 200  | 340  | 295  | 22             | 8  | M20  | 219.1  | 24 | 62  | 16 | 234  | 10 | 6.3  | 268  | 3  | 3.0 | 11.30  |
| FI22810250 | 250  | 395  | 350  | 22             | 12 | M20  | 273.0  | 26 | 68  | 16 | 292  | 12 | 6.3  | 320  | 3  | 3.0 | 14.70  |
| FI22810300 | 300  | 445  | 400  | 22             | 12 | M20  | 323.9  | 26 | 68  | 16 | 342  | 12 | 7.1  | 370  | 3  | 3.0 | 17.40  |
| FI22810350 | 350  | 505  | 460  | 22             | 16 | M20  | 355.6  | 26 | 68  | 16 | 385  | 12 | 7.1  | 430  | 4  | 3.5 | 23.60  |
| FI22810400 | 400  | 565  | 515  | 26             | 16 | M24  | 406.4  | 26 | 72  | 16 | 440  | 12 | 7.1  | 482  | 4  | 3.5 | 28.60  |
| FI22810450 | 450  | 615  | 565  | 26             | 20 | M24  | 457.0  | 28 | 72  | 16 | 488  | 12 | 7.1  | 532  | 4  | 3.5 | 34.00  |
| FI22810500 | 500  | 670  | 620  | 26             | 20 | M24  | 508.0  | 28 | 75  | 16 | 542  | 12 | 7.1  | 585  | 4  | 3.5 | 38.10  |
| FI22810600 | 600  | 780  | 725  | 30             | 20 | M27  | 610.0  | 30 | 82  | 18 | 642  | 12 | 8.0  | 685  | 5  | 3.5 | 44.60  |
| FI22810700 | 700  | 895  | 840  | 30             | 24 | M27  | 711.0  | 35 | 85  | 18 | 746  | 12 | 8.8  | 800  | 5  | 3.5 | 62.40  |
| FI22810800 | 800  | 1015 | 950  | 33             | 24 | M30  | 813.0  | 38 | 96  | 18 | 850  | 12 | 8.8  | 905  | 5  | 3.5 | 84.10  |
| FI22810900 | 900  | 1115 | 1050 | 33             | 28 | M30  | 914.0  | 38 | 99  | 20 | 950  | 12 | 12.5 | 1005 | 5  | 3.5 | 98.50  |
| FI22811000 | 1000 | 1230 | 1160 | 36             | 28 | M33  | 1016.0 | 44 | 105 | 20 | 1052 | 16 | 12.5 | 1110 | 5  | 4.0 | 115.00 |

**— BIAGINI PIERO & C. —**

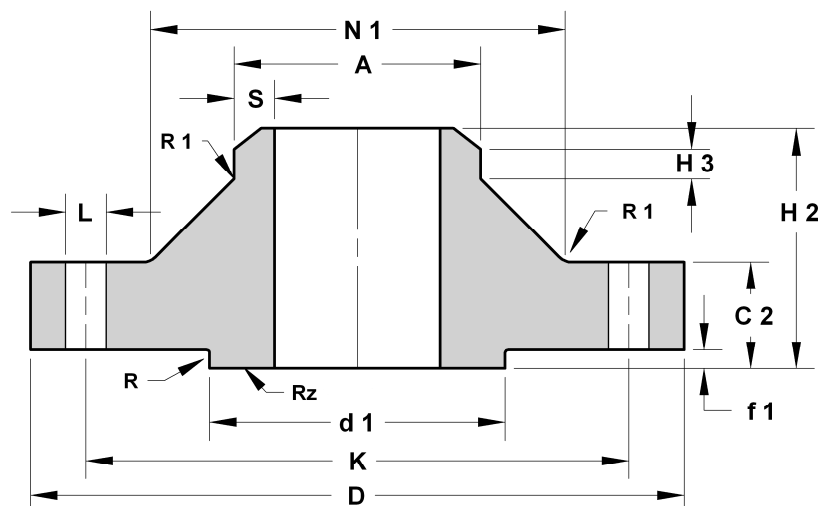
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE A COLLARE PN 16

## WELD-NECK FLANGES PN 16

EN 1092-1 : 2018

TYPE 11/B1 PN 16



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | A      | C2 | H2  | H3 | N1   | R1 | S    | d1   | f1 | R   | Kg.    |
|------------|------|------|------|----------------|----|------|--------|----|-----|----|------|----|------|------|----|-----|--------|
|            |      |      |      | L              | N° | SIZE |        |    |     |    |      |    |      |      |    |     |        |
| FI22820050 | 50   | 165  | 125  | 18             | 4  | M16  | 60.3   | 18 | 45  | 8  | 74   | 6  | 2.9  | 102  | 3  | 2.5 | 2.53   |
| FI22820065 | 65   | 185  | 145  | 18             | 4  | M16  | 76.1   | 18 | 45  | 10 | 92   | 6  | 2.9  | 122  | 3  | 2.5 | 3.06   |
| FU22820065 | 65   | 185  | 145  | 18             | 8  | M16  | 76.1   | 18 | 45  | 10 | 92   | 6  | 2.9  | 122  | 3  | 2.5 | 3.06   |
| FI22820080 | 80   | 200  | 160  | 18             | 8  | M16  | 88.9   | 20 | 50  | 10 | 105  | 6  | 3.2  | 138  | 3  | 2.5 | 3.70   |
| FI22820100 | 100  | 220  | 180  | 18             | 8  | M16  | 114.3  | 20 | 52  | 12 | 131  | 8  | 3.6  | 158  | 3  | 3.0 | 4.62   |
| FI22820125 | 125  | 250  | 210  | 18             | 8  | M16  | 139.7  | 22 | 55  | 12 | 156  | 8  | 4.0  | 188  | 3  | 3.0 | 6.30   |
| FI22820150 | 150  | 285  | 240  | 22             | 8  | M20  | 168.3  | 22 | 55  | 12 | 184  | 10 | 4.5  | 212  | 3  | 3.0 | 7.75   |
| FI22820200 | 200  | 340  | 295  | 22             | 12 | M20  | 219.1  | 24 | 62  | 16 | 235  | 10 | 6.3  | 268  | 3  | 3.0 | 11.00  |
| FI22820250 | 250  | 405  | 355  | 26             | 12 | M24  | 273.0  | 26 | 70  | 16 | 292  | 12 | 6.3  | 320  | 3  | 3.0 | 15.60  |
| FI22820300 | 300  | 460  | 410  | 26             | 12 | M24  | 323.9  | 28 | 78  | 16 | 344  | 12 | 7.1  | 378  | 4  | 3.0 | 22.00  |
| FI22820350 | 350  | 520  | 470  | 26             | 16 | M24  | 355.6  | 30 | 82  | 16 | 390  | 12 | 8.0  | 438  | 4  | 3.5 | 31.20  |
| FI22820400 | 400  | 580  | 525  | 30             | 16 | M27  | 406.4  | 32 | 85  | 16 | 445  | 12 | 8.0  | 490  | 4  | 3.5 | 39.30  |
| FI22820450 | 450  | 640  | 585  | 30             | 20 | M27  | 457.0  | 34 | 83  | 16 | 490  | 12 | 8.8  | 550  | 4  | 3.5 | 54.50  |
| FI22820500 | 500  | 715  | 650  | 33             | 20 | M30  | 508.0  | 36 | 84  | 16 | 548  | 12 | 8.8  | 610  | 4  | 3.5 | 74.00  |
| FI22820600 | 600  | 840  | 770  | 36             | 20 | M33  | 610.0  | 40 | 88  | 18 | 670  | 12 | 11.0 | 725  | 5  | 3.5 | 116.50 |
| FI22820700 | 700  | 910  | 840  | 36             | 24 | M33  | 711.0  | 40 | 104 | 18 | 755  | 12 | 11.0 | 795  | 5  | 3.5 | 77.00  |
| FI22820800 | 800  | 1025 | 950  | 39             | 24 | M36  | 813.0  | 41 | 108 | 20 | 855  | 12 | 12.5 | 900  | 5  | 3.5 | 101.00 |
| FI22820900 | 900  | 1125 | 1050 | 39             | 28 | M36  | 914.0  | 48 | 118 | 20 | 955  | 12 | 12.5 | 1000 | 5  | 3.5 | 122.00 |
| FI22821000 | 1000 | 1255 | 1170 | 42             | 28 | M39  | 1016.0 | 59 | 137 | 22 | 1058 | 16 | 12.5 | 1115 | 5  | 4.0 | 162.00 |

**— BIAGINI PIERO & C. —**

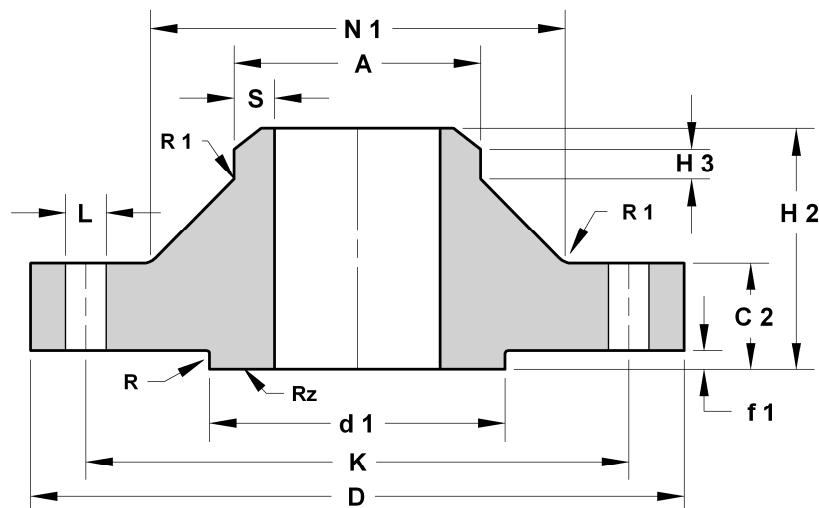
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE A COLLARE PN 25

## WELD-NECK FLANGES PN 25

EN 1092-1 : 2018

TYPE 11/B1 PN 25



Dimensions in mm.

| Cod.       | DN   | D    | K    | FORI / BOLTING |    |      | A      | C2 | H2  | H3 | N1   | R1 | S    | d1   | f1 | R   | Kg.    |
|------------|------|------|------|----------------|----|------|--------|----|-----|----|------|----|------|------|----|-----|--------|
|            |      |      |      | L              | N° | SIZE |        |    |     |    |      |    |      |      |    |     |        |
| FI22830200 | 200  | 360  | 310  | 26             | 12 | M24  | 219.1  | 30 | 80  | 16 | 244  | 10 | 6.3  | 278  | 3  | 3.0 | 17.00  |
| FI22830250 | 250  | 425  | 370  | 30             | 12 | M27  | 273.0  | 32 | 88  | 18 | 298  | 12 | 7.1  | 335  | 3  | 3.0 | 24.00  |
| FI22830300 | 300  | 485  | 430  | 30             | 16 | M27  | 323.9  | 34 | 92  | 18 | 352  | 12 | 8.0  | 395  | 4  | 3.0 | 31.20  |
| FI22830350 | 350  | 555  | 490  | 33             | 16 | M30  | 355.6  | 38 | 100 | 20 | 398  | 12 | 8.0  | 450  | 4  | 3.5 | 47.20  |
| FI22830400 | 400  | 620  | 550  | 36             | 16 | M33  | 406.4  | 40 | 110 | 20 | 452  | 12 | 8.8  | 505  | 4  | 3.5 | 61.70  |
| FI22830450 | 450  | 670  | 600  | 36             | 20 | M33  | 457.0  | 46 | 110 | 20 | 500  | 12 | 8.8  | 555  | 4  | 3.5 | 75.50  |
| FI22830500 | 500  | 730  | 660  | 36             | 20 | M33  | 508.0  | 48 | 125 | 20 | 558  | 12 | 10.0 | 615  | 4  | 3.5 | 96.50  |
| FI22830600 | 600  | 845  | 770  | 39             | 20 | M36  | 610.0  | 48 | 125 | 20 | 660  | 12 | 12.5 | 720  | 5  | 3.5 | 138.60 |
| FI22830700 | 700  | 960  | 875  | 42             | 24 | M39  | 711.0  | 50 | 129 | 20 | 760  | 12 | 14.2 | 820  | 5  | 3.5 | 136.00 |
| FI22830800 | 800  | 1085 | 990  | 48             | 24 | M45  | 813.0  | 53 | 138 | 22 | 864  | 12 | 16.0 | 930  | 5  | 3.5 | 186.00 |
| FI22830900 | 900  | 1185 | 1090 | 48             | 28 | M45  | 914.0  | 57 | 148 | 24 | 968  | 12 | 17.5 | 1030 | 5  | 3.5 | 237.00 |
| FI22831000 | 1000 | 1320 | 1210 | 56             | 28 | M52  | 1016.0 | 63 | 160 | 24 | 1070 | 16 | 20.0 | 1140 | 5  | 4.0 | 307.00 |

**— BIAGINI PIERO & C. —**

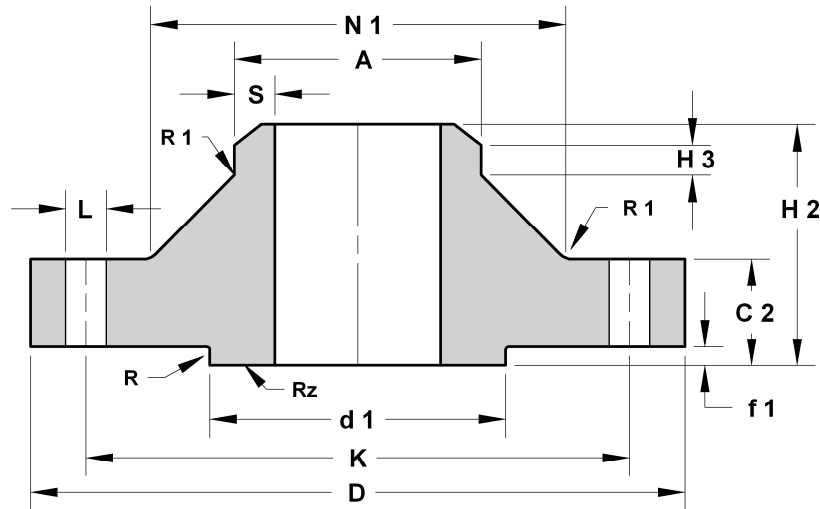
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE A COLLARE PN 40

## WELD-NECK FLANGES PN 40

EN 1092-1 : 2018

TYPE 11/B1 PN 40



Dimensions in mm.

| Cod.       | DN  | D   | K   | FORI / BOLTING |    |      | A     | C2 | H2  | H3 | N1  | R1 | S    | d1  | f1 | R   | Kg.    |
|------------|-----|-----|-----|----------------|----|------|-------|----|-----|----|-----|----|------|-----|----|-----|--------|
|            |     |     |     | L              | N° | SIZE |       |    |     |    |     |    |      |     |    |     |        |
| FI22840010 | 10  | 90  | 60  | 14             | 4  | M12  | 17.2  | 16 | 35  | 6  | 28  | 4  | 2.0  | 40  | 2  | 2.5 | 0.66   |
| FI22840015 | 15  | 95  | 65  | 14             | 4  | M12  | 21.3  | 16 | 38  | 6  | 32  | 4  | 2.0  | 45  | 2  | 2.5 | 0.74   |
| FI22840020 | 20  | 105 | 75  | 14             | 4  | M12  | 26.9  | 18 | 40  | 6  | 40  | 4  | 2.3  | 58  | 2  | 2.5 | 1.00   |
| FI22840025 | 25  | 115 | 85  | 14             | 4  | M12  | 33.7  | 18 | 40  | 6  | 46  | 4  | 2.6  | 68  | 2  | 2.5 | 1.00   |
| FI22840032 | 32  | 140 | 100 | 18             | 4  | M16  | 42.4  | 18 | 42  | 6  | 56  | 6  | 2.6  | 78  | 2  | 2.5 | 1.88   |
| FI22840040 | 40  | 150 | 110 | 18             | 4  | M16  | 48.3  | 18 | 45  | 7  | 64  | 6  | 2.6  | 88  | 3  | 2.5 | 2.00   |
| FI22840050 | 50  | 165 | 125 | 18             | 4  | M16  | 60.3  | 20 | 48  | 8  | 75  | 6  | 2.9  | 102 | 3  | 2.5 | 2.82   |
| FI22840065 | 65  | 185 | 145 | 18             | 8  | M16  | 76.1  | 22 | 52  | 10 | 90  | 6  | 2.9  | 122 | 3  | 2.5 | 3.74   |
| FI22840080 | 80  | 200 | 160 | 18             | 8  | M16  | 88.9  | 24 | 58  | 12 | 105 | 8  | 3.2  | 138 | 3  | 2.5 | 4.75   |
| FI22840100 | 100 | 235 | 190 | 22             | 8  | M20  | 114.3 | 24 | 65  | 12 | 134 | 8  | 3.6  | 162 | 3  | 3.0 | 6.50   |
| FI22840125 | 125 | 270 | 220 | 26             | 8  | M24  | 139.7 | 26 | 68  | 12 | 162 | 8  | 4.0  | 188 | 3  | 3.0 | 9.00   |
| FI22840150 | 150 | 300 | 250 | 26             | 8  | M24  | 168.3 | 28 | 75  | 12 | 192 | 10 | 4.5  | 218 | 3  | 3.0 | 11.50  |
| FI22840200 | 200 | 375 | 320 | 30             | 12 | M27  | 219.1 | 34 | 88  | 16 | 244 | 10 | 6.3  | 285 | 3  | 3.0 | 21.00  |
| FI22840250 | 250 | 450 | 385 | 33             | 12 | M30  | 273.0 | 38 | 105 | 18 | 306 | 12 | 7.1  | 345 | 3  | 3.0 | 34.00  |
| FI22840300 | 300 | 515 | 450 | 33             | 16 | M30  | 323.9 | 42 | 115 | 18 | 362 | 12 | 8.0  | 410 | 4  | 3.0 | 47.50  |
| FI22840350 | 350 | 580 | 510 | 36             | 16 | M33  | 355.6 | 46 | 125 | 20 | 408 | 12 | 8.8  | 465 | 4  | 3.5 | 68.10  |
| FI22840400 | 400 | 660 | 585 | 39             | 16 | M36  | 406.4 | 50 | 135 | 20 | 462 | 12 | 11.0 | 535 | 4  | 3.5 | 96.50  |
| FI22840450 | 450 | 685 | 610 | 39             | 20 | M36  | 457.0 | 57 | 135 | 20 | 500 | 12 | 12.5 | 560 | 4  | 3.5 | 105.00 |
| FI22840500 | 500 | 755 | 670 | 42             | 20 | M39  | 508.0 | 57 | 140 | 20 | 562 | 12 | 14.2 | 615 | 4  | 3.5 | 130.50 |
| FI22840600 | 600 | 890 | 795 | 48             | 20 | M45  | 610.0 | 72 | 150 | 20 | 666 | 12 | 16.0 | 735 | 5  | 3.5 | 211.50 |

**— BIAGINI PIERO & C. —**

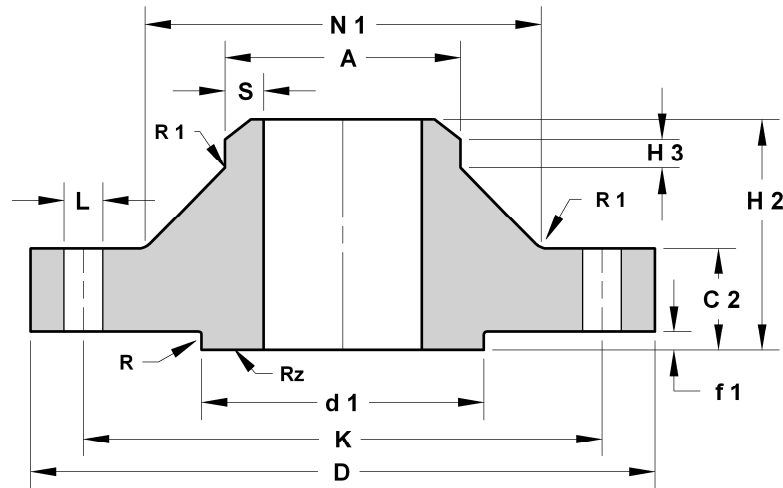
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE A COLLARE PN 63

## WELD-NECK FLANGES PN 63

EN 1092-1 : 2018

TYPE 11/B2 PN 63



Dimensions in mm.

\*Values used unless otherwise specified by purchaser

| Cod.       | DN  | D   | K   | FORI / BOLTING |    |      | A     | C2 | H2  | H3 | N1  | R1  | S    | d1   | f1 | R    | Kg.    |
|------------|-----|-----|-----|----------------|----|------|-------|----|-----|----|-----|-----|------|------|----|------|--------|
|            |     |     |     | L              | N° | SIZE |       |    |     |    |     |     |      |      |    |      |        |
| FI22850050 | 50  | 180 | 135 | 22             | 4  | M20  | 60.3  | 26 | 62  | 10 | 82  | 6   | 2.9  | 102  | 3  | 2.5  | 4.50   |
| FI22850065 | 65  | 205 | 160 | 22             | 8  | M20  | 76.1  | 26 | 68  | 12 | 98  | 6   | 3.2  | 122  | 3  | 2.5  | 5.50   |
| FI22850080 | 80  | 215 | 170 | 22             | 8  | M20  | 88.9  | 28 | 72  | 12 | 112 | 8   | 3.6  | 138  | 3  | 2.5  | 6.50   |
| FI22850100 | 100 | 250 | 200 | 26             | 8  | M24  | 114.3 | 30 | 78  | 12 | 138 | 8   | 4.0  | 162  | 3  | 3    | 9.50   |
| FI22850125 | 125 | 295 | 240 | 30             | 8  | M27  | 139.7 | 34 | 88  | 12 | 168 | 8   | 4.5  | 188  | 3  | 3    | 14.50  |
| FI22850150 | 150 | 345 | 280 | 33             | 8  | M30  | 168.3 | 36 | 95  | 12 | 202 | 10  | 5.6  | 218  | 3  | 3    | 21.50  |
| FI22850200 | 200 | 415 | 345 | 36             | 12 | M33  | 219.1 | 42 | 110 | 16 | 256 | 10  | 7.1  | 285  | 3  | 3    | 34.00  |
| FI22850250 | 250 | 470 | 400 | 36             | 12 | M33  | 273.0 | 46 | 125 | 18 | 316 | 12  | 8.8  | 345  | 3  | 3    | 48.00  |
| FI22850300 | 300 | 530 | 460 | 36             | 16 | M33  | 323.9 | 52 | 140 | 18 | 372 | 12  | 11.0 | 410  | 4  | 3    | 67.50  |
| FI22850350 | 350 | 600 | 525 | 39             | 16 | M36  | 355.6 | 56 | 150 | 20 | 420 | 12  | 12.5 | 465  | 4  | 3.5  | 97.50  |
| FI22850400 | 400 | 670 | 585 | 42             | 16 | M39  | 406.4 | 60 | 160 | 20 | 475 | 12  | 14.2 | 535  | 4  | 3.5  | 129.00 |
| FI22850450 | 450 |     |     |                |    |      | 457.0 |    |     |    |     |     |      | 560  | 4  |      |        |
| FI22850500 | 500 | 800 | 705 | 48             | 20 | M45  |       |    |     |    |     | 12* |      | 615* | 4* | 3.5* |        |
| FI22850600 | 600 | 930 | 820 | 56             | 20 | M52  |       |    |     |    |     | 15* |      | 735* | 5* | 3.5* |        |

**— BIAGINI PIERO & C. —**

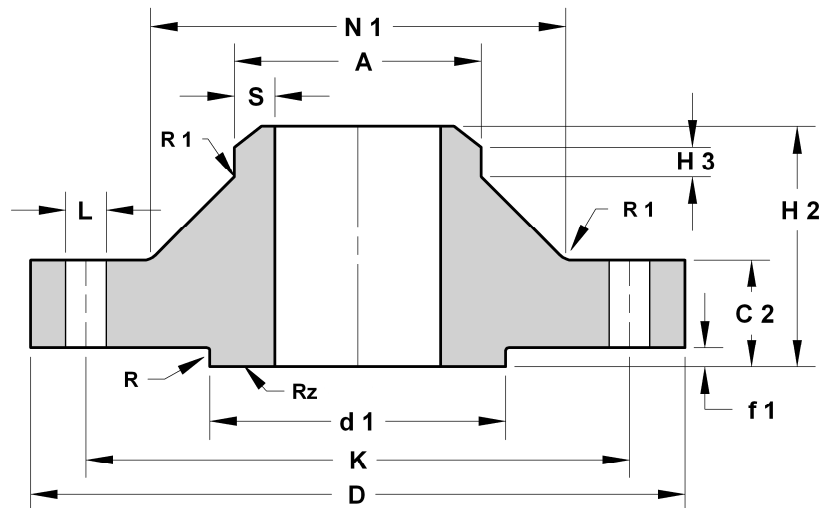
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE A COLLARE PN 100

## WELD-NECK FLANGES PN 100

EN 1092-1 : 2018

TYPE 11/B2 PN 100



Dimensions in mm.

| Cod.       | DN  | D   | K   | FORI / BOLTING |    |      | A     | C2 | H2  | H3 | N1  | R1 | S    | d1  | f1 | R   | Kg.    |
|------------|-----|-----|-----|----------------|----|------|-------|----|-----|----|-----|----|------|-----|----|-----|--------|
|            |     |     |     | L              | N° | SIZE |       |    |     |    |     |    |      |     |    |     |        |
| FI22860010 | 10  | 100 | 70  | 14             | 4  | M12  | 17.2  | 20 | 45  | 6  | 32  | 4  | 2.0  | 40  | 2  | 2.5 | 1.00   |
| FI22860015 | 15  | 105 | 75  | 14             | 4  | M12  | 21.3  | 20 | 45  | 6  | 34  | 4  | 2.0  | 45  | 2  | 2.5 | 1.00   |
| FI22860020 | 20  | 130 | 90  | 18             | 4  | M16  | 26.9  | 22 | 48  | 8  | 42  | 4  | 2.6  | 58  | 2  | 2.5 | 2.00   |
| FI22860025 | 25  | 140 | 100 | 18             | 4  | M16  | 33.7  | 24 | 58  | 8  | 52  | 4  | 2.6  | 68  | 2  | 2.5 | 2.50   |
| FI22860032 | 32  | 155 | 110 | 22             | 4  | M20  | 42.4  | 24 | 60  | 8  | 62  | 6  | 2.9  | 78  | 2  | 2.5 | 3.00   |
| FI22860040 | 40  | 170 | 125 | 22             | 4  | M20  | 48.3  | 26 | 62  | 10 | 70  | 6  | 2.9  | 88  | 3  | 2.5 | 4.00   |
| FI22860050 | 50  | 195 | 145 | 26             | 4  | M24  | 60.3  | 28 | 68  | 10 | 90  | 6  | 3.2  | 102 | 3  | 2.5 | 6.00   |
| FI22860065 | 65  | 220 | 170 | 26             | 8  | M24  | 76.1  | 30 | 76  | 12 | 108 | 6  | 3.6  | 122 | 3  | 2.5 | 7.50   |
| FI22860080 | 80  | 230 | 180 | 26             | 8  | M24  | 88.9  | 32 | 78  | 12 | 120 | 8  | 4.0  | 138 | 3  | 2.5 | 9.00   |
| FI22860100 | 100 | 265 | 210 | 30             | 8  | M27  | 114.3 | 36 | 90  | 12 | 150 | 8  | 5.0  | 162 | 3  | 3   | 13.00  |
| FI22860125 | 125 | 315 | 250 | 33             | 8  | M30  | 139.7 | 40 | 105 | 12 | 180 | 8  | 6.3  | 188 | 3  | 3   | 21.00  |
| FI22860150 | 150 | 355 | 290 | 33             | 12 | M30  | 168.3 | 44 | 115 | 12 | 210 | 10 | 7.1  | 218 | 3  | 3   | 28.00  |
| FI22860200 | 200 | 430 | 360 | 36             | 12 | M33  | 219.1 | 52 | 130 | 16 | 278 | 10 | 10.0 | 285 | 3  | 3   | 50.00  |
| FI22860250 | 250 | 505 | 430 | 39             | 12 | M36  | 273.0 | 60 | 157 | 18 | 340 | 12 | 12.5 | 345 | 3  | 3   | 81.00  |
| FI22860300 | 300 | 585 | 500 | 42             | 16 | M39  | 323.9 | 68 | 170 | 18 | 400 | 12 | 14.2 | 410 | 4  | 3   | 117.97 |
| FI22860350 | 350 | 655 | 560 | 48             | 16 | M45  | 355.6 | 74 | 189 | 20 | 460 | 12 | 16.0 | 465 | 4  | 3.5 | 167.25 |
| FI22860400 | 400 | 715 | 620 | 48             | 16 | M45  | 406.4 |    |     |    |     |    |      | 535 | 4  | 3.5 |        |
| FI22860450 | 450 |     |     |                |    |      | 457.0 |    |     |    |     |    |      | 560 | 4  |     |        |
| FI22860500 | 500 | 870 | 760 | 56             | 20 | M52  | 508.0 |    |     |    |     |    |      | 615 | 4  | 3.5 |        |

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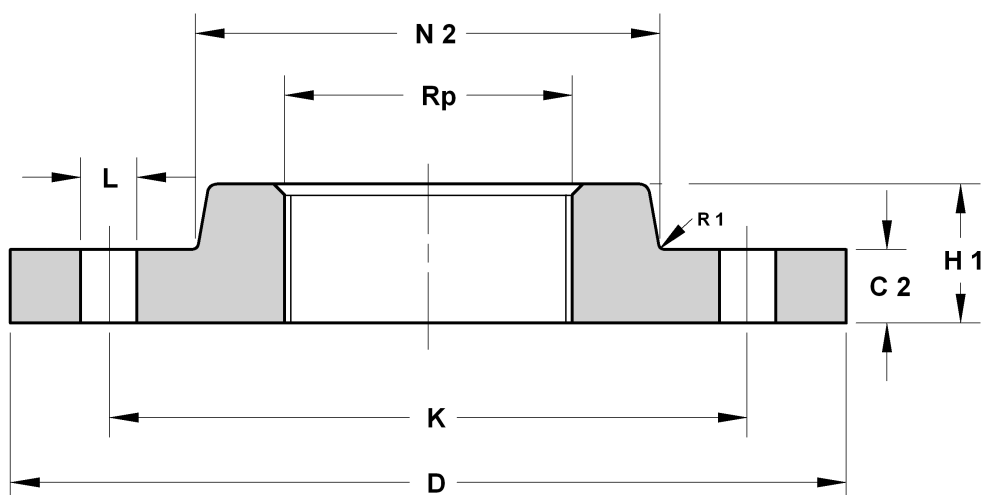
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE FILETTATE PN 6

## HUBBED THREADED FLANGES PN 6

EN 1092-1 : 2018

TYPE 13/A PN 6



Dimensions in mm.

| Cod.       | DN  | Rp    | D   | K   | FORI / BOLTING |    |      | C2 | H1 | N2  | R1 | Kg.  |
|------------|-----|-------|-----|-----|----------------|----|------|----|----|-----|----|------|
|            |     |       |     |     | L              | N° | SIZE |    |    |     |    |      |
| FI22530010 | 10  | 3/8   | 75  | 50  | 11             | 4  | M10  | 12 | 20 | 25  | 4  | 0.39 |
| FI22530015 | 15  | 1/2   | 80  | 55  | 11             | 4  | M10  | 12 | 20 | 30  | 4  | 0.43 |
| FI22530020 | 20  | 3/4   | 90  | 65  | 11             | 4  | M10  | 14 | 24 | 40  | 4  | 0.66 |
| FI22530025 | 25  | 1"    | 100 | 75  | 11             | 4  | M10  | 14 | 24 | 50  | 4  | 0.82 |
| FI22530032 | 32  | 1"1/4 | 120 | 90  | 14             | 4  | M12  | 14 | 26 | 60  | 6  | 1.17 |
| FI22530040 | 40  | 1"1/2 | 130 | 100 | 14             | 4  | M12  | 14 | 26 | 70  | 6  | 1.40 |
| FI22530050 | 50  | 2"    | 140 | 110 | 14             | 4  | M12  | 14 | 28 | 80  | 6  | 1.59 |
| FI22530065 | 65  | 2"1/2 | 160 | 130 | 14             | 4  | M12  | 14 | 32 | 100 | 6  | 2.17 |
| FI22530080 | 80  | 3"    | 190 | 150 | 18             | 4  | M16  | 16 | 34 | 110 | 8  | 3.20 |
| FI22530100 | 100 | 4"    | 210 | 170 | 18             | 4  | M16  | 16 | 40 | 130 | 8  | 3.59 |
| FI22530125 | 125 | 5"    | 240 | 200 | 18             | 8  | M16  | 18 | 44 | 160 | 8  | 4.94 |
| FI22530150 | 150 | 6"    | 265 | 225 | 18             | 8  | M16  | 18 | 44 | 185 | 10 | 5.83 |

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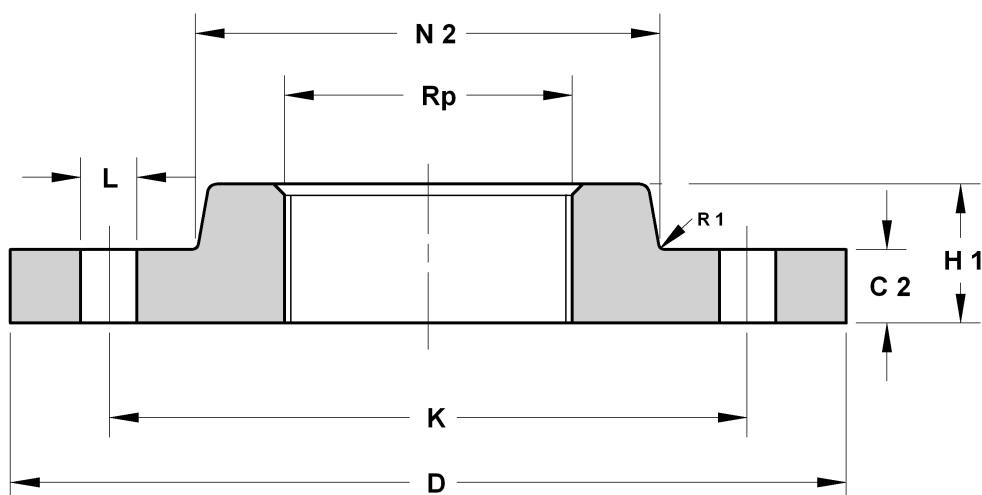
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE FILETTATE PN 16

## HUBBED THREADED FLANGES PN 16

EN 1092-1 : 2018

TYPE 13/A PN 16



Dimensions in mm.

| Cod.       | DN  | Rp    | D   | K   | FORI / BOLTING |    |      | C2 | H1 | N2  | R1 | Kg.  |
|------------|-----|-------|-----|-----|----------------|----|------|----|----|-----|----|------|
|            |     |       |     |     | L              | N° | SIZE |    |    |     |    |      |
| FI22540050 | 50  | 2"    | 165 | 125 | 18             | 4  | M16  | 18 | 28 | 84  | 6  | 2.43 |
| FI22540065 | 65  | 2"1/2 | 185 | 145 | 18             | 4  | M16  | 18 | 32 | 104 | 6  | 3.18 |
| FU22540065 | 65  | 2"1/2 | 185 | 145 | 18             | 8  | M16  | 18 | 32 | 104 | 6  | 3.18 |
| FI22540080 | 80  | 3"    | 200 | 160 | 18             | 8  | M16  | 20 | 34 | 118 | 6  | 4.12 |
| FI22540100 | 100 | 4"    | 220 | 180 | 18             | 8  | M16  | 20 | 40 | 140 | 8  | 4.47 |
| FI22540125 | 125 | 5"    | 250 | 210 | 18             | 8  | M16  | 22 | 44 | 168 | 8  | 6.63 |
| FI22540150 | 150 | 6"    | 285 | 240 | 22             | 8  | M20  | 22 | 44 | 195 | 10 | 8.49 |

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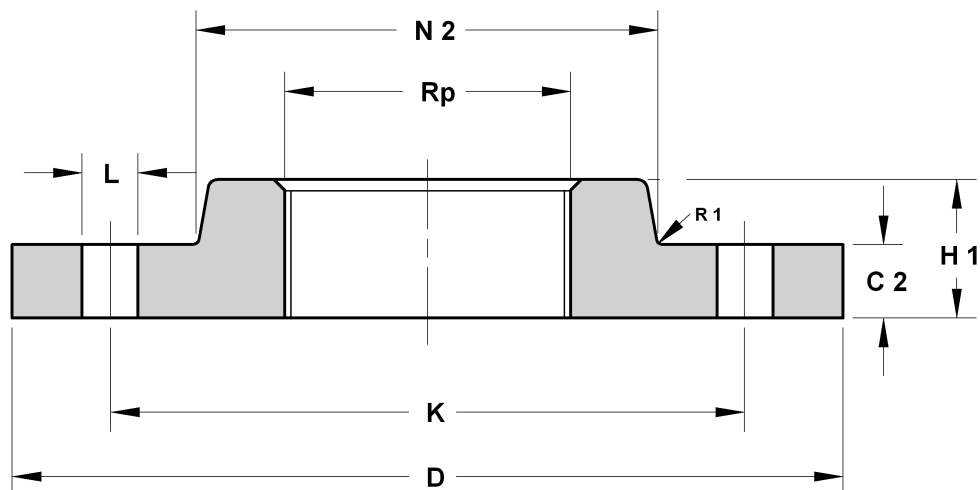
FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE FILETTATE PN 40

## HUBBED THREADED FLANGES PN 40

EN 1092-1 : 2018

TYPE 13/A PN 40



Dimensions in mm.

| Cod.       | DN  | Rp    | D   | K   | FORI / BOLTING |    |      | C2 | H1 | N2  | R1 | Kg.   |
|------------|-----|-------|-----|-----|----------------|----|------|----|----|-----|----|-------|
|            |     |       |     |     | L              | N° | SIZE |    |    |     |    |       |
| FI22550010 | 10  | 3/8   | 90  | 60  | 14             | 4  | M12  | 16 | 22 | 30  | 4  | 0.72  |
| FI22550015 | 15  | 1/2   | 95  | 65  | 14             | 4  | M12  | 16 | 22 | 35  | 4  | 0.80  |
| FI22550020 | 20  | 3/4   | 105 | 75  | 14             | 4  | M12  | 18 | 26 | 45  | 4  | 1.13  |
| FI22550025 | 25  | 1"    | 115 | 85  | 14             | 4  | M12  | 18 | 28 | 52  | 4  | 1.37  |
| FI22550032 | 32  | 1"1/4 | 140 | 100 | 18             | 4  | M16  | 18 | 30 | 60  | 6  | 1.99  |
| FI22550040 | 40  | 1"1/2 | 150 | 110 | 18             | 4  | M16  | 18 | 32 | 70  | 6  | 2.35  |
| FI22550050 | 50  | 2"    | 165 | 125 | 18             | 4  | M16  | 20 | 34 | 84  | 6  | 3.11  |
| FI22550065 | 65  | 2"1/2 | 185 | 145 | 18             | 8  | M16  | 22 | 38 | 104 | 6  | 4.10  |
| FI22550080 | 80  | 3"    | 200 | 160 | 18             | 8  | M16  | 24 | 40 | 118 | 8  | 5.06  |
| FI22550100 | 100 | 4"    | 235 | 190 | 22             | 8  | M20  | 24 | 44 | 145 | 8  | 6.81  |
| FI22550125 | 125 | 5"    | 270 | 220 | 26             | 8  | M24  | 26 | 48 | 170 | 8  | 9.25  |
| FI22550150 | 150 | 6"    | 300 | 250 | 26             | 8  | M24  | 28 | 52 | 200 | 10 | 12.10 |

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FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# APPENDICE INFORMATIVA

## ACCIAI AL CARBONIO

### CARBON STEEL

| EN 10027-1<br>ECISS IC 10 | EN 10027 - 2 | EN 10025<br>1990 | Germania  | Francia | Regno<br>Unito | Spagna     | Italia   | Belgio    | Austria               |
|---------------------------|--------------|------------------|-----------|---------|----------------|------------|----------|-----------|-----------------------|
| S185                      | 1.0035       | Fe310-0          | St 33     | A 33    | -              | A 310-0    | Fe 320   | A 320     | St320                 |
| S235JR                    | 1.0037       | Fe 360 B         | St 37-2   | E 24-2  |                |            | Fe 360 B | AE 235-B  |                       |
| S235JRG1                  | 1.0036       | Fe 360 BFU       | USt 37-2  |         |                | AE 235B-FU |          |           | Ust 360 B             |
| S235JRG2                  | 1.0038       | Fe 360 BFN       | RSt 37-2  |         | 40 B           | AE 235B-FN |          |           | RSt 360 B             |
| S235J0                    | 1.0114       | Fe 360 C         | St 37-3 U | E 24-3  | 40 C           | AE 235 C   | Fe 360 C | AE 235-C  | St 360 C<br>St 360 CE |
| S235J2G3                  | 1.0116       | Fe 360 D1        | St 37-3 N | E 24-4  | 40 D           | AE 235 D   | Fe 360 D | AE 235-D  | St 360 D              |
| S235J2G4                  | 1.0117       | Fe 360 D2        | -         |         |                |            |          |           |                       |
| S275JR                    | 1.0044       | Fe 430 B         | St 44-2   | E 28-2  | 43 B           | AE 275 B   | Fe 430 B | AE 255-B  | St 430 B              |
| S275J0                    | 1.0143       | Fe 430 C         | St 44-3 U | E 28-3  | 43 C           | AE 275 C   | Fe 430 C | AE 255-C  | St 430 C<br>St 430 CE |
| S275J2G3                  | 1.0144       | Fe 430 D1        | St 44-3 N | E 28-4  | 43 D           | AE 275 D   | Fe 430 D | AE 255-D  | St 430 D              |
| S275J2G4                  | 1.0145       | Fe 430 D2        | -         |         |                |            |          |           |                       |
| S355JR                    | 1.0045       | Fe 510 B         | -         | E 36-2  | 50 B           | AE 355 B   | Fe 510 B | AE 355-B  |                       |
| S355J0                    | 1.0553       | Fe 510 C         | St 52-3 U | E 36-3  | 50 C           | AE 355 C   | Fe 510 C | AE 355-C  | St 510 C              |
| S355J2G3                  | 1.0570       | Fe 510 D1        | St 52-3 N |         | 50 D           | AE 355 D   | Fe 510 D | AE 355-D  | St 510 D              |
| S355J2G4                  | 1.0577       | Fe 510 D2        | -         |         |                |            |          |           |                       |
| S355K2G3                  | 1.0595       | Fe 510 DD1       | -         | E 36-4  | 50 DD          |            |          | AE 355-DD |                       |
| S355K2G4                  | 1.0596       | Fe 510 DD2       | -         |         |                |            |          |           |                       |
| E295                      | 1.0050       | Fe 490-2         | St 50-2   | A 50-2  |                | A 490      | Fe 490   | A 490-2   | St 490                |
| E335                      | 1.0060       | Fe 590-2         | St 60-2   | A 60-2  |                | A 590      | Fe 590   | A 590-2   | St 590                |
| E360                      | 1.0070       | Fe 690-2         | St 70-2   | A 70-3  |                | A 690      | Fe 690   | A 690-2   | St 690                |

| DESIGNAZIONE<br>EN 10273-2000 | EN 10027 - 2 | Germania      |  |
|-------------------------------|--------------|---------------|--|
| P250 GH                       | 1.0460       | C 22.8        |  |
| P265GH                        | 1.0425       | St 35.8.I HII |  |
| P280GH                        | 1.0426       |               |  |

Il Presente Catalogo in tutte le sue pagine è a carattere indicativo.  
Pertanto deve essere integrato e verificato con le normative ufficiali corrispondenti.

This catalogue is only for information.  
Please verify with officials standards.

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FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# TOLLERANZE

EN 1092-1

## TOLERANCES

| DIMENSIONE<br>DIMENSION                                              | TIPO FLANGIA<br>FLANGE TYPE         | MISURA<br>SIZE             | TOLLERANZA<br>TOLERANCE |
|----------------------------------------------------------------------|-------------------------------------|----------------------------|-------------------------|
| Diametro Esterno Collare<br>Outside Diameter of Neck<br><br><b>A</b> | 11 - 21 - 34                        | $\leq$ DN 125              | + 3.0<br>0              |
|                                                                      |                                     | $>$ DN 125 $\leq$ DN 1200  | + 4.5<br>0              |
|                                                                      |                                     | $>$ DN 1200                | + 6.0<br>0              |
| Diametro del Foro<br>Bore Diameter<br><br><b>B1 - B2 - B3</b>        | 01 - 02 - 04 - 12 - 32              | $\leq$ DN 100              | + 0.5<br>0              |
|                                                                      |                                     | $>$ DN 100 $\leq$ DN 400   | + 1.0<br>0              |
|                                                                      |                                     | $>$ DN 400 $\leq$ DN 600   | + 1.5<br>0              |
|                                                                      |                                     | $>$ DN 600                 | + 3.0<br>0              |
| Diametro Esterno<br>Outside Diameter<br><br><b>D</b>                 | 21                                  | $\leq$ DN 250              | $\pm$ 4.0               |
|                                                                      |                                     | $>$ DN 250 $\leq$ DN 500   | $\pm$ 5.0               |
|                                                                      |                                     | $>$ DN 500 $\leq$ DN 800   | $\pm$ 6.0               |
|                                                                      |                                     | $>$ DN 800 $\leq$ DN 1200  | $\pm$ 7.0               |
|                                                                      |                                     | $>$ DN 1200 $\leq$ 1600    | $\pm$ 8.0               |
|                                                                      |                                     | $>$ DN 1600 $\leq$ DN 2000 | $\pm$ 10.0              |
|                                                                      |                                     | $>$ DN 2000                | $\pm$ 12.0              |
|                                                                      | All Other types                     | $\leq$ DN 150              | $\pm$ 2.0               |
|                                                                      |                                     | $>$ DN 150 $\leq$ DN 500   | $\pm$ 3.0               |
|                                                                      |                                     | $>$ DN 500 $\leq$ DN 1200  | $\pm$ 5.0               |
|                                                                      |                                     | $>$ DN 1200 $\leq$ DN 1800 | $\pm$ 7.0               |
|                                                                      |                                     | $>$ DN 1800                | $\pm$ 10.0              |
| Altezza al Collare<br>Lenght Through Hub<br><br><b>H1 - H2 - H3</b>  | 11 - 12 - 13                        | $\leq$ DN 80               | $\pm$ 1.5               |
|                                                                      |                                     | $>$ DN 80 $\leq$ DN 250    | $\pm$ 2.0               |
|                                                                      |                                     | $>$ DN 250                 | $\pm$ 3.0               |
| Diametro del Collare<br>Neck Diameter<br><br><b>N1</b>               | 11<br>(machined bearing surface)    | $N1 \leq 120$              | 0<br>- 1.0              |
|                                                                      |                                     | $N1 > 120 \leq 400$        | 0<br>- 1.2              |
|                                                                      |                                     | $N1 > 400 \leq 1000$       | + 1.6<br>0              |
|                                                                      |                                     | $N1 > 1000 \leq 2000$      | + 2.5<br>0              |
|                                                                      |                                     | $N1 > 2000$                | + 4.0<br>0              |
|                                                                      | 11<br>(un-machined bearing surface) | $N1 \leq 120$              | 0<br>- 1.0              |
|                                                                      |                                     | $N1 > 120 \leq 400$        | 0<br>- 2.0              |
|                                                                      |                                     | $N1 > 400 \leq 1000$       | + 4.0<br>0              |
|                                                                      |                                     | $N1 > 1000 \leq 2000$      | + 6.0<br>0              |
|                                                                      |                                     | $N1 > 2000$                | + 8.0<br>0              |

**— BIAGINI PIERO & C. —**

FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# TOLLERANZE

## TOLERANCES

EN 1092-1

| DIMENSIONE<br>DIMENSION                                                                                                                 | TIPO FLANGIA<br>FLANGE TYPE                                                                                                                                  | MISURA<br>SIZE            |      | TOLLERANZA<br>TOLERANCE |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------|-------------------------|
| Diametro del Collare<br>Neck Diameter<br><br><b>N1 - N2 - N3</b>                                                                        | 21 - 34<br>(un-machined surface)                                                                                                                             | ≤ DN 50                   |      | 0<br>- 2.0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 50 ≤ DN 150          |      | 0<br>- 4.0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 150 ≤ DN 300         |      | 0<br>- 6.0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 300 ≤ DN 600         |      | 0<br>- 8.0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 600 ≤ DN 4000        |      | 0<br>-10.0              |
|                                                                                                                                         | 21 - 34<br>(machined bearing surface)                                                                                                                        | ≤ DN 50                   |      | + 1.0<br>0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 50 ≤ DN 150          |      | + 1.5<br>0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 150 ≤ DN 300         |      | + 2.0<br>0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 300 ≤ DN 600         |      | + 2.5<br>0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 600 ≤ DN 4000        |      | + 3.0<br>0              |
| Diametro del Collare<br>Neck Diameter<br><br><b>N2 - N3</b><br><br>Spessore Flangia<br>Flange Thickness<br><br><b>C1 - C2 - C3 - C4</b> | 12 - 13                                                                                                                                                      | ≤ DN 50                   |      | + 1.0<br>0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 50 ≤ DN 150          |      | + 2.0<br>0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 150 ≤ DN 300         |      | + 4.0<br>0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 300 ≤ DN 600         |      | + 8.0<br>0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 600 ≤ DN 1200        |      | + 12.0<br>0             |
|                                                                                                                                         |                                                                                                                                                              | > DN 1200 ≤ DN 1800       |      | + 16.0<br>0             |
|                                                                                                                                         |                                                                                                                                                              | > DN 1800                 |      | + 20.0<br>0             |
|                                                                                                                                         | Tutti i Tipi<br>(Lavorate su tutte le facce)<br>All Type<br>(Machined on both faces)                                                                         | ≤ 18 mm thickness         |      | + 1.0<br>- 1.3          |
|                                                                                                                                         |                                                                                                                                                              | > 18 mm ≤ 50 mm thickness |      | ± 1.5                   |
|                                                                                                                                         |                                                                                                                                                              | > 50 mm thickness         |      | ± 2.0                   |
|                                                                                                                                         | Tutti i Tipi<br>(Lavorata solo faccia di contatto)<br>All Types<br>(machined on Front face only)<br><br>Tipo 02 - 04 non lavorate<br>Type 02 - 04 unmachined | > 18 mm thickness         |      | + 2.0<br>- 1.3          |
|                                                                                                                                         |                                                                                                                                                              | > 18 mm ≤ 50 mm thickness |      | + 4.0<br>- 1.5          |
|                                                                                                                                         |                                                                                                                                                              | > 50 mm thickness         |      | + 7.0<br>- 2.0          |
| Diametro del Rialto<br>Facing Diameter<br><br><b>d1</b>                                                                                 | Tutti i Tipi<br>All Types                                                                                                                                    | ≤ DN 250                  |      | + 2.0<br>- 1.0          |
|                                                                                                                                         |                                                                                                                                                              | > DN 250                  |      | + 3.0<br>- 1.0          |
| Altezza del Rialto<br>Facing Height<br><br><b>f 1</b>                                                                                   | Tutti i Tipi<br>All Types<br>(B - D - F - G)                                                                                                                 | ≤ DN 32                   | 2 mm | 0<br>- 1.0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 32 to DN 250         | 3 mm | 0<br>- 2.0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 250 to DN 500        | 4 mm | 0<br>- 3.0              |
|                                                                                                                                         |                                                                                                                                                              | > DN 500                  | 5 mm | 0<br>- 4.0              |

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FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# TOLLERANZE

## TOLERANCES

EN 1092-1

| DIMENSIONE<br>DIMENSION                                                                  |          | TIPO FLANGIA<br>FLANGE TYPE                                                       | MISURA<br>SIZE                 | TOLLERANZA<br>TOLLERANCE |
|------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------|--------------------------------|--------------------------|
| Altezza del Rialto<br>Facing Height<br><b>f 2</b>                                        |          | Tutti i Tipi<br>All Types<br>(C - E - G)                                          | Tutti i DN<br>All DN           | + 0.5<br>0               |
| Altezza del Rialto<br>Facing Height<br><b>F 3</b>                                        |          | Tutti i Tipi<br>All Types<br>(D - F)                                              | Tutti i DN<br>All DN           | + 0.5<br>0               |
|                                                                                          |          | Tutti i Tipi<br>All Types<br>(H)                                                  | Tutti i DN<br>All DN           | + 0.2<br>0               |
| Altezza del Rialto<br>Facing Height<br><b>f 4</b>                                        |          | Tutti i Tipi<br>All Types<br>(H)                                                  | Tutti i DN<br>All DN           | + 0.5<br>0               |
| Facing                                                                                   | <b>W</b> | All types                                                                         | All DN                         | + 0.5<br>0               |
|                                                                                          | <b>X</b> |                                                                                   |                                | 0<br>- 0.5               |
|                                                                                          | <b>Y</b> |                                                                                   |                                | + 0.5<br>0               |
|                                                                                          | <b>Z</b> |                                                                                   |                                | 0<br>- 0.5               |
| Diametro Mezzeria<br>Diameter of Bolt Circle<br><b>K</b>                                 |          | Tutti i Tipi<br>All Types                                                         | Bullone / Bolt Sizes M10 - M24 | ± 1.0                    |
|                                                                                          |          |                                                                                   | Bullone / Bolt Sizes M27 - M45 | ± 1.5                    |
|                                                                                          |          |                                                                                   | Bullone / Bolt Sizes > M45     | ± 2.0                    |
| Diametro Fori bulloni<br>Diameter of Bolt holes<br><b>L</b>                              |          | Tutti i Tipi<br>All Types                                                         | Bolt size M10 to M24           | + 1.0<br>0               |
|                                                                                          |          |                                                                                   | Bolt size M27 to M45           | + 2.5<br>0               |
|                                                                                          |          |                                                                                   | Bolt size > M45                | + 4.0<br>0               |
| Distanza tra i Centri dei Fori<br>Centre-to-centre of adjacent bolt holes                |          | Tutti i Tipi<br>All Types                                                         | Bolt size M10 to M24           | ± 1.0                    |
|                                                                                          |          |                                                                                   | Bolt size M27 to M45           | ± 1.5                    |
|                                                                                          |          |                                                                                   | Bolt size > M45                | ± 2.0                    |
| Eccentricità Diametro faccia lavorata<br>Eccentricity of machined facing<br>Diameter     |          | Tutti i Tipi<br>All Types                                                         | ≤ DN 65                        | 1.0                      |
|                                                                                          |          |                                                                                   | > DN 65                        | 2.0                      |
| Parallelismo<br>Parallelism between bolting bearing<br>surface and flange jointing faces |          | Tutti i tipi<br>(face lavorate)<br>All types<br>(machined bearing surface)        | Tutti i DN<br>All DN           | 1°                       |
|                                                                                          |          | Tutti i tipi<br>(face non lavorate)<br>All types<br>(un-machined bearing surface) |                                | 2°                       |

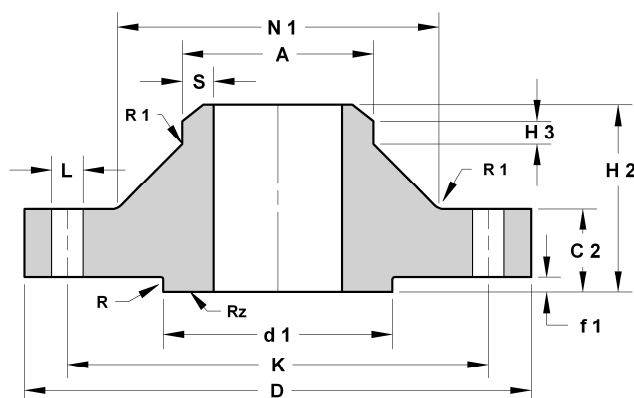
**— BIAGINI PIERO & C. —**

FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE A COLLARE

## WELD-NECK FLANGES

EN 1092-1  
TYPE 11



**DIAMETRO FORO CENTRALE**  
**BORE DIAMETER**

Dimensions are in mm.

Bore diameter = A-2S

| DN  | A     | PN 6   | PN 10  | PN 16  | PN 25  | PN40   | PN 63  | PN 100 |
|-----|-------|--------|--------|--------|--------|--------|--------|--------|
| 10  | 17.2  | 13.20  |        |        |        | 13.20  |        | 13.20  |
| 15  | 21.3  | 17.30  |        |        |        | 17.30  |        | 17.30  |
| 20  | 26.9  | 22.30  |        |        |        | 22.30  |        | 21.70  |
| 25  | 33.7  | 28.50  |        |        |        | 28.50  |        | 28.50  |
| 32  | 42.4  | 37.20  |        |        |        | 37.20  |        | 36.60  |
| 40  | 48.3  | 43.10  |        |        |        | 43.10  |        | 42.50  |
| 50  | 60.3  | 54.50  |        | 54.50  |        | 54.50  | 54.50  | 53.90  |
| 65  | 76.1  | 70.30  |        | 70.30  |        | 70.30  | 69.70  | 68.90  |
| 80  | 88.9  | 82.50  |        | 82.50  |        | 82.50  | 81.70  | 80.90  |
| 100 | 114.3 | 107.10 |        | 107.10 |        | 107.10 | 106.30 | 104.30 |
| 125 | 139.7 | 131.70 |        | 131.70 |        | 131.70 | 130.70 | 127.10 |
| 150 | 168.3 | 159.30 |        | 159.30 |        | 159.30 | 157.10 | 154.10 |
| 200 | 219.1 | 206.50 | 206.50 | 206.50 | 206.50 | 206.50 | 204.90 | 199.10 |
| 250 | 273.0 | 260.40 | 260.40 | 260.40 | 258.80 | 258.80 | 255.40 | 248.00 |
| 300 | 323.9 | 309.70 | 309.70 | 309.70 | 307.90 | 307.90 | 301.90 | 295.50 |
| 350 | 355.6 | 341.40 | 341.40 | 339.60 | 339.60 | 338.00 | 330.60 | 323.60 |
| 400 | 406.4 | 392.20 | 392.20 | 390.40 | 388.80 | 384.40 | 378.00 |        |

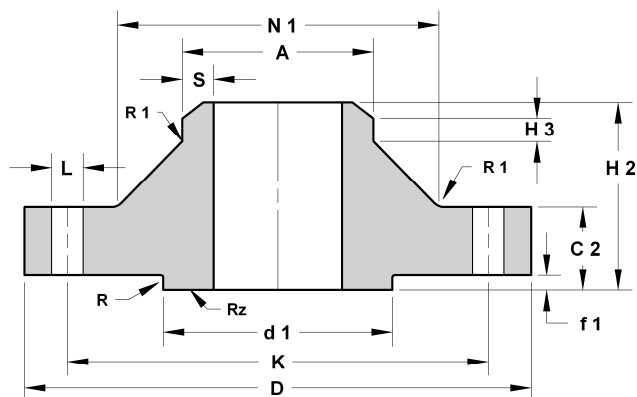
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FLANGE CURVE RACCORDI - FLANGES AND FITTINGS

# FLANGE A COLLARE

## WELD-NECK FLANGES

EN 1092-1  
TYPE 11



**DIAMETRO FORO CENTRALE**  
**BORE DIAMETER**

Dimensions are in mm.

Bore diameter =  $A - 2S$

| DN   | A      | PN 6    | PN 10  | PN 16  | PN 25  | PN40   | PN 63 | PN 100 |
|------|--------|---------|--------|--------|--------|--------|-------|--------|
| 450  | 457.0  | 442.80  | 442.80 | 439.40 | 439.40 | 432.00 |       |        |
| 500  | 508.0  | 493.80  | 493.80 | 490.40 | 488.00 | 479.60 |       |        |
| 600  | 610.0  | 595.80  | 594.00 | 588.00 | 585.00 | 578.00 |       |        |
| 700  | 711.0  | 695.00  | 693.40 | 689.00 | 682.60 |        |       |        |
| 800  | 813.0  | 797.00  | 795.40 | 788.00 | 781.00 |        |       |        |
| 900  | 914.0  | 898.00  | 889.00 | 889.00 | 879.00 |        |       |        |
| 1000 | 1016.0 | 1000.00 | 991.00 | 991.00 | 976.00 |        |       |        |

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