

## Product Data Sheet

### 1. Flanged fittings

1.08 Blank flange

#### Studded reducer flange (Xr) PN10/16

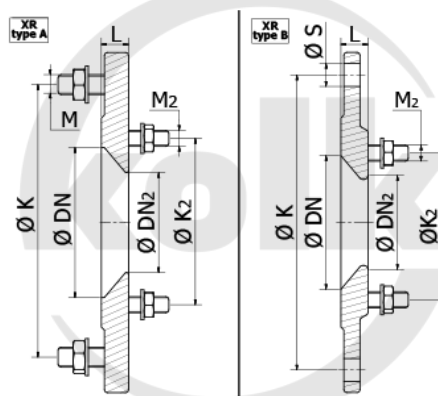
**Material** EN 1563 EN-GJS-400-15

**Design Std.** EN 545

**Coating** Epoxy GSK RAL-GZ 662

**Approval** Kiwa BRL-K772/04


Kolk flanged fittings are made of ductile iron GJS-400/500 (DIN1693 GGG-40/50) or steel fabricated. Epoxy coated (Resicoat®) acc. to EN 14901 (DIN 30677-2) and GSK certified (RAL-GZ 662). Studded reducer flanges type Xr makes reductions in nominal diameter possible within very short length. Available in two types (see detail drawings). When ordering specify counter flange and the material of the studded ends (A2/A4, hot dip or galvanized).



### Studded reducer flange (Xr) PN10/16

| Article     | Article Nr.    | PN      | Ø DN [mm] | Ø DN2 [mm] | L [mm] | Type | M   | M2  | Holes # [DN] | Ø K [mm] | Ø S [mm] | Holes # [DN2] | Ø K2 [mm] | G [kg] |
|-------------|----------------|---------|-----------|------------|--------|------|-----|-----|--------------|----------|----------|---------------|-----------|--------|
| XR 60/40    | 1.08XR1.000010 | PN10/16 | 60        | 40         | 20     | A    | M16 | M16 | 4            | 135      |          | 4             | 110       | 5      |
| XR 60/50    | 1.08XR1.000020 | PN10/16 | 60        | 50         | 20     | A    | M16 | M16 | 4            | 135      |          | 4             | 125       | 5      |
| XR 65/40    | 1.08XR1.000030 | PN10/16 | 65        | 40         | 20     | A    | M16 | M16 | 4            | 145      |          | 4             | 110       | 5      |
| XR 65/50    | 1.08XR1.000040 | PN10/16 | 65        | 50         | 20     | A    | M16 | M16 | 4            | 145      |          | 4             | 125       | 5      |
| XR 65/60    | 1.08XR1.000050 | PN10/16 | 65        | 60         | 20     | A    | M16 | M16 | 4            | 145      |          | 4             | 135       | 6      |
| XR 80/40-4  | 1.08XR1.000060 | PN10    | 80        | 40         | 20     | A    | M16 | M16 | 4            | 160      |          | 4             | 110       | 6      |
| XR 80/50-4  | 1.08XR1.000070 | PN10    | 80        | 50         | 20     | A    | M16 | M16 | 4            | 160      |          | 4             | 125       | 6      |
| XR 80/60-4  | 1.08XR1.000080 | PN10    | 80        | 60         | 20     | A    | M16 | M16 | 4            | 160      |          | 4             | 135       | 6      |
| XR 80/65-4  | 1.08XR1.000090 | PN10    | 80        | 65         | 20     | A    | M16 | M16 | 4            | 160      |          | 4             | 145       | 6      |
| XR 80/40    | 1.08XR1.000061 | PN10/16 | 80        | 40         | 20     | A    | M16 | M16 | 8            | 160      |          | 4             | 110       | 6      |
| XR 80/50    | 1.08XR1.000071 | PN10/16 | 80        | 50         | 20     | A    | M16 | M16 | 8            | 160      |          | 4             | 125       | 6      |
| XR 80/60    | 1.08XR1.000081 | PN10/16 | 80        | 60         | 20     | A    | M16 | M16 | 8            | 160      |          | 4             | 135       | 6      |
| XR 80/65    | 1.08XR1.000091 | PN10/16 | 80        | 65         | 20     | A    | M16 | M16 | 8            | 160      |          | 4             | 145       | 6      |
| XR 100/40   | 1.08XR1.010010 | PN10/16 | 100       | 40         | 20     | A    | M16 | M16 | 8            | 180      |          | 4             | 110       | 8      |
| XR 100/50   | 1.08XR1.010020 | PN10/16 | 100       | 50         | 20     | A    | M16 | M16 | 8            | 180      |          | 4             | 125       | 8      |
| XR 100/60   | 1.08XR1.010030 | PN10/16 | 100       | 60         | 20     | A    | M16 | M16 | 8            | 180      |          | 4             | 135       | 8      |
| XR 100/65   | 1.08XR1.010040 | PN10/16 | 100       | 65         | 20     | A    | M16 | M16 | 8            | 180      |          | 4             | 145       | 8      |
| XR 100/80-4 | 1.08XR1.010050 | PN10    | 100       | 80         | 20     | A    | M16 | M16 | 8            | 180      |          | 4             | 160       | 8      |
| XR 100/80   | 1.08XR1.010051 | PN10/16 | 100       | 80         | 20     | A    | M16 | M16 | 8            | 180      |          | 8             | 160       | 8      |
| XR 125/50   | 1.08XR1.010060 | PN10/16 | 125       | 50         | 20     | A    | M16 | M16 | 8            | 210      |          | 4             | 125       | 8      |

**Studded reducer flange (Xr) PN10/16**

| Article     | Article Nr.    | PN      | ø DN [mm] | ø DN2 [mm] | L [mm] | Type | M   | M2  | Holes # [DN] | ø K [mm] | ø S [mm] | Holes # [DN2] | ø K2 [mm] | G [kg] |
|-------------|----------------|---------|-----------|------------|--------|------|-----|-----|--------------|----------|----------|---------------|-----------|--------|
| XR 125/60   | 1.08XR1.010070 | PN10/16 | 125       | 60         | 20     | A    | M16 | M16 | 8            | 210      |          | 4             | 135       | 7      |
| XR 125/65   | 1.08XR1.010080 | PN10/16 | 125       | 65         | 20     | A    | M16 | M16 | 8            | 210      |          | 4             | 145       | 8      |
| XR 125/80-4 | 1.08XR1.010081 | PN10    | 125       | 80         | 20     | A    | M16 | M16 | 8            | 210      |          | 4             | 160       | 8      |
| XR 125/80   | 1.08XR1.010082 | PN10/16 | 125       | 80         | 20     | A    | M16 | M16 | 8            | 210      |          | 8             | 160       | 8      |
| XR 125/100  | 1.08XR1.010090 | PN10/16 | 125       | 100        | 20     | A    | M16 | M16 | 8            | 210      |          | 8             | 180       | 7      |
| XR 150/50   | 1.08XR1.010100 | PN10/16 | 150       | 50         | 20     | B    |     | M16 | 8            | 240      | 23       | 4             | 125       | 11     |
| XR 150/60   | 1.08XR1.010110 | PN10/16 | 150       | 60         | 20     | B    |     | M16 | 8            | 240      | 23       | 4             | 135       | 11     |
| XR 150/65   | 1.08XR1.010120 | PN10/16 | 150       | 65         | 20     | B    |     | M16 | 8            | 240      | 23       | 4             | 145       | 11     |
| XR 150/80-4 | 1.08XR1.010130 | PN10    | 150       | 80         | 20     | B    |     | M16 | 8            | 240      | 23       | 4             | 160       | 11     |
| XR 150/80   | 1.08XR1.010131 | PN10/16 | 150       | 80         | 20     | B    |     | M16 | 8            | 240      | 23       | 8             | 160       | 11     |
| XR 150/100  | 1.08XR1.010140 | PN10/16 | 150       | 100        | 20     | A    | M20 | M16 | 8            | 240      |          | 8             | 180       | 11     |
| XR 150/125  | 1.08XR1.010150 | PN10/16 | 150       | 125        | 20     | A    | M20 | M16 | 8            | 240      |          | 8             | 210       | 11     |
| XR 200/50   | 1.08XR2.020010 | PN10    | 200       | 50         | 20     | B    |     | M16 | 8            | 295      | 23       | 4             | 125       | 15     |
| XR 200/60   | 1.08XR2.020020 | PN10    | 200       | 60         | 20     | B    |     | M16 | 8            | 295      | 23       | 4             | 135       | 15     |
| XR 200/65   | 1.08XR2.020030 | PN10    | 200       | 65         | 20     | B    |     | M16 | 8            | 295      | 23       | 4             | 145       | 15     |
| XR 200/80-4 | 1.08XR2.020040 | PN10    | 200       | 80         | 20     | B    |     | M16 | 8            | 295      | 23       | 4             | 160       | 15     |
| XR 200/80   | 1.08XR2.020050 | PN10    | 200       | 80         | 20     | B    |     | M16 | 8            | 295      | 23       | 8             | 160       | 15     |
| XR 200/100  | 1.08XR2.020060 | PN10    | 200       | 100        | 20     | B    |     | M16 | 8            | 295      | 23       | 8             | 180       | 15     |
| XR 200/125  | 1.08XR2.020070 | PN10    | 200       | 125        | 20     | B    |     | M16 | 8            | 295      | 23       | 8             | 210       | 15     |
| XR 200/150  | 1.08XR2.020080 | PN10    | 200       | 150        | 30     | A    | M20 | M20 | 8            | 295      |          | 8             | 240       | 12     |
| XR 250/50   | 1.08XR2.020090 | PN10    | 250       | 50         | 20     | B    |     | M16 | 12           | 350      | 23       | 4             | 125       | 22     |
| XR 250/60   | 1.08XR2.020100 | PN10    | 250       | 60         | 20     | B    |     | M16 | 12           | 350      | 23       | 4             | 135       | 22     |
| XR 250/65   | 1.08XR2.020110 | PN10    | 250       | 65         | 20     | B    |     | M16 | 12           | 350      | 23       | 4             | 145       | 22     |
| XR 250/80-4 | 1.08XR2.020120 | PN10    | 250       | 80         | 20     | B    |     | M16 | 12           | 350      | 23       | 4             | 160       | 22     |
| XR 250/80   | 1.08XR2.020130 | PN10    | 250       | 80         | 20     | B    |     | M16 | 12           | 350      | 23       | 8             | 160       | 22     |
| XR 250/100  | 1.08XR2.020140 | PN10    | 250       | 100        | 20     | B    |     | M16 | 12           | 350      | 23       | 8             | 180       | 22     |
| XR 250/125  | 1.08XR2.020150 | PN10    | 250       | 125        | 20     | B    |     | M16 | 12           | 350      | 23       | 8             | 210       | 22     |
| XR 250/150  | 1.08XR2.020160 | PN10    | 250       | 150        | 30     | B    |     | M20 | 12           | 350      | 23       | 8             | 240       | 22     |
| XR 250/200  | 1.08XR2.020170 | PN10    | 250       | 200        | 30     | A    | M20 | M20 | 12           | 350      |          | 8             | 295       | 22     |
| XR 300/50   | 1.08XR2.030010 | PN10    | 300       | 50         | 25     | B    |     | M16 | 8            | 295      | 23       | 4             | 125       | 28     |
| XR 300/60   | 1.08XR2.030020 | PN10    | 300       | 60         | 25     | B    |     | M16 | 8            | 295      | 23       | 4             | 135       | 28     |
| XR 300/65   | 1.08XR2.030030 | PN10    | 300       | 65         | 25     | B    |     | M16 | 8            | 295      | 23       | 4             | 145       | 28     |
| XR 300/80-4 | 1.08XR2.030040 | PN10    | 300       | 80         | 25     | B    |     | M16 | 12           | 400      | 23       | 4             | 160       | 28     |
| XR 300/80   | 1.08XR2.030050 | PN10    | 300       | 80         | 25     | B    |     | M16 | 12           | 400      | 23       | 8             | 160       | 28     |
| XR 300/100  | 1.08XR2.030060 | PN10    | 300       | 100        | 25     | B    |     | M16 | 12           | 400      | 23       | 8             | 180       | 28     |
| XR 300/125  | 1.08XR2.030070 | PN10    | 300       | 125        | 25     | B    |     | M16 | 12           | 400      | 23       | 8             | 210       | 28     |
| XR 300/150  | 1.08XR2.030080 | PN10    | 300       | 150        | 30     | B    |     | M20 | 12           | 400      | 23       | 8             | 240       | 28     |
| XR 300/200  | 1.08XR2.030090 | PN10    | 300       | 200        | 30     | B    |     | M20 | 12           | 400      | 23       | 8             | 295       | 28     |
| XR 300/250  | 1.08XR2.030100 | PN10    | 300       | 250        | 30     | A    | M20 | M20 | 12           | 400      |          | 12            | 350       | 28     |
| XR 350/80-4 | 1.08XR2.030110 | PN10    | 350       | 80         | 35     | B    |     | M16 | 16           | 460      | 23       | 4             | 160       | 27     |
| XR 350/80   | 1.08XR2.030120 | PN10    | 350       | 80         | 35     | B    |     | M16 | 16           | 460      | 23       | 8             | 160       | 27     |
| XR 350/100  | 1.08XR2.030130 | PN10    | 350       | 100        | 35     | B    |     | M16 | 16           | 460      | 23       | 8             | 180       | 27     |
| XR 350/125  | 1.08XR2.030140 | PN10    | 350       | 125        | 35     | B    |     | M16 | 16           | 460      | 23       | 8             | 210       | 27     |

**Studded reducer flange (Xr) PN10/16**

| Article     | Article Nr.    | PN   | ø DN [mm] | ø DN2 [mm] | L [mm] | Type | M   | M2  | Holes # [DN] | ø K [mm] | ø S [mm] | Holes # [DN2] | ø K2 [mm] | G [kg] |
|-------------|----------------|------|-----------|------------|--------|------|-----|-----|--------------|----------|----------|---------------|-----------|--------|
| XR 350/150  | 1.08XR2.030150 | PN10 | 350       | 150        | 35     | B    |     | M20 | 16           | 460      | 23       | 8             | 240       | 27     |
| XR 350/200  | 1.08XR2.030160 | PN10 | 350       | 200        | 35     | B    |     | M20 | 16           | 460      | 23       | 8             | 295       | 37     |
| XR 350/250  | 1.08XR2.030170 | PN10 | 350       | 250        | 35     | B    |     | M20 | 16           | 460      | 23       | 12            | 350       | 37     |
| XR 350/300  | 1.08XR2.030180 | PN10 | 350       | 300        | 35     | A    | M20 | M20 | 16           | 460      |          | 12            | 400       | 37     |
| XR 400/80-4 | 1.08XR2.040010 | PN10 | 400       | 80         | 30     | B    |     | M16 | 16           | 515      | 28       | 4             | 160       | 48     |
| XR 400/80   | 1.08XR2.040020 | PN10 | 400       | 80         | 30     | B    |     | M16 | 16           | 515      | 28       | 8             | 160       | 48     |
| XR 400/100  | 1.08XR2.040030 | PN10 | 400       | 100        | 30     | B    |     | M16 | 16           | 515      | 28       | 8             | 180       | 48     |
| XR 400/125  | 1.08XR2.040040 | PN10 | 400       | 125        | 30     | B    |     | M16 | 16           | 515      | 28       | 8             | 210       | 48     |
| XR 400/150  | 1.08XR2.040050 | PN10 | 400       | 150        | 30     | B    |     | M20 | 16           | 515      | 28       | 8             | 240       | 50     |
| XR 400/200  | 1.08XR2.040060 | PN10 | 400       | 200        | 30     | B    |     | M20 | 16           | 515      | 28       | 8             | 295       | 50     |
| XR 400/250  | 1.08XR2.040070 | PN10 | 400       | 250        | 30     | B    |     | M20 | 16           | 515      | 28       | 12            | 350       | 52     |
| XR 400/300  | 1.08XR2.040080 | PN10 | 400       | 300        | 30     | B    |     | M20 | 16           | 515      | 28       | 12            | 400       | 52     |
| XR 400/350  | 1.08XR2.040090 | PN10 | 400       | 350        | 40     | A    | M24 | M20 | 16           | 515      |          | 16            | 460       | 52     |
| XR 500/80-4 | 1.08XR2.050010 | PN10 | 500       | 80         | 50     | B    |     | M16 | 20           | 620      | 28       | 4             | 160       | 80     |
| XR 500/80   | 1.08XR2.050020 | PN10 | 500       | 80         | 30     | B    |     | M16 | 20           | 620      | 28       | 8             | 160       | 80     |
| XR 500/100  | 1.08XR2.050030 | PN10 | 500       | 100        | 30     | B    |     | M16 | 20           | 620      | 28       | 8             | 180       | 80     |
| XR 500/150  | 1.08XR2.050040 | PN10 | 500       | 150        | 30     | B    |     | M20 | 20           | 620      | 28       | 8             | 240       | 80     |
| XR 500/200  | 1.08XR2.050050 | PN10 | 500       | 200        | 30     | B    |     | M20 | 20           | 620      | 28       | 8             | 295       | 80     |
| XR 500/250  | 1.08XR2.050060 | PN10 | 500       | 250        | 30     | B    |     | M20 | 20           | 620      | 28       | 12            | 350       | 80     |
| XR 500/300  | 1.08XR2.050070 | PN10 | 500       | 300        | 30     | B    |     | M20 | 20           | 620      | 28       | 12            | 400       | 90     |
| XR 500/350  | 1.08XR2.050080 | PN10 | 500       | 350        | 50     | B    |     | M20 | 20           | 620      | 28       | 16            | 460       | 90     |
| XR 500/400  | 1.08XR2.050090 | PN10 | 500       | 400        | 50     | A    | M24 | M24 | 20           | 620      |          | 16            | 515       | 90     |
| XR 600/80-4 | 1.08XR2.060010 | PN10 | 600       | 80         | 30     | B    |     | M16 | 20           | 725      | 28       | 4             | 160       | 120    |
| XR 600/80   | 1.08XR2.060020 | PN10 | 600       | 80         | 30     | B    |     | M16 | 20           | 725      | 28       | 8             | 160       | 120    |
| XR 600/100  | 1.08XR2.060030 | PN10 | 600       | 100        | 30     | B    |     | M16 | 20           | 725      | 28       | 8             | 180       | 120    |
| XR 600/150  | 1.08XR2.060040 | PN10 | 600       | 150        | 30     | B    |     | M20 | 20           | 725      | 28       | 8             | 240       | 120    |
| XR 600/200  | 1.08XR2.060050 | PN10 | 600       | 200        | 30     | B    |     | M20 | 20           | 725      | 28       | 8             | 295       | 120    |
| XR 600/250  | 1.08XR2.060060 | PN10 | 600       | 250        | 30     | B    |     | M20 | 20           | 725      | 28       | 12            | 350       | 120    |
| XR 600/300  | 1.08XR2.060070 | PN10 | 600       | 300        | 30     | B    |     | M20 | 20           | 725      | 28       | 12            | 400       | 120    |
| XR 600/350  | 1.08XR2.060080 | PN10 | 600       | 350        | 30     | B    |     | M20 | 20           | 725      | 28       | 16            | 460       | 120    |
| XR 600/400  | 1.08XR2.060090 | PN10 | 600       | 400        | 30     | B    |     | M24 | 20           | 725      | 28       | 16            | 515       | 120    |
| XR 600/450  | 1.08XR2.060100 | PN10 | 600       | 450        | 50     | A    | M27 | M24 | 20           | 725      |          | 20            | 565       | 120    |
| XR 600/500  | 1.08XR2.060110 | PN10 | 600       | 500        | 50     | A    | M27 | M24 | 20           | 725      |          | 20            | 620       | 120    |
| XR 700/80-4 | 1.08XR2.070010 | PN10 | 700       | 80         | 30     | B    |     | M16 | 24           | 840      | 31       | 4             | 160       | 180    |
| XR 700/80   | 1.08XR2.070020 | PN10 | 700       | 80         | 30     | B    |     | M16 | 24           | 840      | 31       | 8             | 160       | 180    |
| XR 700/100  | 1.08XR2.070030 | PN10 | 700       | 100        | 30     | B    |     | M16 | 24           | 840      | 31       | 8             | 180       | 180    |
| XR 700/150  | 1.08XR2.070040 | PN10 | 700       | 150        | 30     | B    |     | M20 | 24           | 840      | 31       | 8             | 240       | 180    |
| XR 700/200  | 1.08XR2.070050 | PN10 | 700       | 200        | 30     | B    |     | M20 | 24           | 840      | 31       | 8             | 295       | 180    |
| XR 700/250  | 1.08XR2.070060 | PN10 | 700       | 250        | 30     | B    |     | M20 | 24           | 840      | 31       | 12            | 350       | 180    |
| XR 700/300  | 1.08XR2.070070 | PN10 | 700       | 300        | 30     | B    |     | M20 | 24           | 840      | 31       | 12            | 400       | 180    |
| XR 700/350  | 1.08XR2.070080 | PN10 | 700       | 350        | 30     | B    |     | M20 | 24           | 840      | 31       | 16            | 460       | 180    |
| XR 700/400  | 1.08XR2.070090 | PN10 | 700       | 400        | 30     | B    |     | M24 | 24           | 840      | 31       | 16            | 515       | 180    |
| XR 700/450  | 1.08XR2.070100 | PN10 | 700       | 450        | 60     | B    |     | M24 | 24           | 840      | 31       | 20            | 565       | 180    |

### Studded reducer flange (Xr) PN10/16

| Article     | Article Nr.    | PN   | ø DN [mm] | ø DN2 [mm] | L [mm] | Type | M   | M2  | Holes # [DN] | ø K [mm] | ø S [mm] | Holes # [DN2] | ø K2 [mm] | G [kg] |
|-------------|----------------|------|-----------|------------|--------|------|-----|-----|--------------|----------|----------|---------------|-----------|--------|
| XR 700/500  | 1.08XR2.070110 | PN10 | 700       | 500        | 60     | B    |     | M24 | 24           | 840      | 31       | 20            | 620       | 180    |
| XR 700/600  | 1.08XR2.070120 | PN10 | 700       | 600        | 60     | A    | M27 | M27 | 24           | 840      |          | 20            | 725       | 180    |
| XR 800/80-4 | 1.08XR2.080010 | PN10 | 800       | 80         | 35     | B    |     | M16 | 24           | 950      | 34       | 4             | 160       | 190    |
| XR 800/80   | 1.08XR2.080020 | PN10 | 800       | 80         | 35     | B    |     | M16 | 24           | 950      | 34       | 8             | 160       | 190    |
| XR 800/100  | 1.08XR2.080030 | PN10 | 800       | 100        | 35     | B    |     | M16 | 24           | 950      | 34       | 8             | 180       | 190    |
| XR 800/150  | 1.08XR2.080040 | PN10 | 800       | 150        | 35     | B    |     | M20 | 24           | 950      | 34       | 8             | 240       | 190    |
| XR 800/200  | 1.08XR2.080050 | PN10 | 800       | 200        | 35     | B    |     | M20 | 24           | 950      | 34       | 8             | 295       | 190    |
| XR 800/250  | 1.08XR2.080060 | PN10 | 800       | 250        | 35     | B    |     | M20 | 24           | 950      | 34       | 12            | 350       | 190    |
| XR 800/300  | 1.08XR2.080070 | PN10 | 800       | 300        | 35     | B    |     | M20 | 24           | 950      | 34       | 12            | 400       | 190    |
| XR 800/350  | 1.08XR2.080080 | PN10 | 800       | 350        | 35     | B    |     | M20 | 24           | 950      | 34       | 16            | 460       | 190    |
| XR 800/400  | 1.08XR2.080090 | PN10 | 800       | 400        | 60     | B    |     | M24 | 24           | 950      | 34       | 16            | 515       | 190    |
| XR 800/450  | 1.08XR2.080100 | PN10 | 800       | 450        | 60     | B    |     | M24 | 24           | 950      | 34       | 20            | 565       | 190    |
| XR 800/500  | 1.08XR2.080110 | PN10 | 800       | 500        | 60     | B    |     | M24 | 24           | 950      | 34       | 20            | 620       | 190    |
| XR 800/600  | 1.08XR2.080120 | PN10 | 800       | 600        | 60     | B    |     | M27 | 24           | 950      | 34       | 20            | 725       | 190    |
| XR 800/700  | 1.08XR2.080130 | PN10 | 800       | 700        | 60     | A    | M30 | M27 | 24           | 950      |          | 24            | 840       | 190    |
| XR 200/50   | 1.08XR3.020010 | PN16 | 200       | 60         | 20     | B    |     | M16 | 12           | 295      | 23       | 4             | 125       | 15     |
| XR 200/60   | 1.08XR3.020020 | PN16 | 200       | 60         | 20     | B    |     | M16 | 12           | 295      | 23       | 4             | 135       | 15     |
| XR 200/65   | 1.08XR3.020030 | PN16 | 200       | 65         | 20     | B    |     | M16 | 12           | 295      | 23       | 4             | 145       | 15     |
| XR 200/80-4 | 1.08XR3.020040 | PN16 | 200       | 80         | 20     | B    |     | M16 | 12           | 295      | 23       | 4             | 160       | 15     |
| XR 200/80   | 1.08XR3.020050 | PN16 | 200       | 80         | 20     | B    |     | M16 | 12           | 295      | 23       | 8             | 160       | 15     |
| XR 200/100  | 1.08XR3.020060 | PN16 | 200       | 100        | 20     | B    |     | M16 | 12           | 295      | 23       | 8             | 180       | 15     |
| XR 200/125  | 1.08XR3.020070 | PN16 | 200       | 125        | 20     | B    |     | M16 | 12           | 295      | 23       | 8             | 210       | 15     |
| XR 200/150  | 1.08XR3.020080 | PN16 | 200       | 150        | 30     | A    | M20 | M20 | 12           | 295      |          | 8             | 240       | 12     |
| XR 250/50   | 1.08XR3.020090 | PN16 | 250       | 80         | 20     | A    | M24 | M16 | 12           | 355      |          | 4             | 160       | 22     |
| XR 250/60   | 1.08XR3.020100 | PN16 | 250       | 50         | 20     | B    |     | M16 | 12           | 355      | 28       | 4             | 135       | 22     |
| XR 250/65   | 1.08XR3.020110 | PN16 | 250       | 60         | 20     | B    |     | M16 | 12           | 355      | 28       | 4             | 145       | 22     |
| XR 250/80-4 | 1.08XR3.020120 | PN16 | 250       | 65         | 20     | B    |     | M16 | 12           | 355      | 28       | 4             | 160       | 22     |
| XR 250/80   | 1.08XR3.020130 | PN16 | 250       | 80         | 20     | B    |     | M16 | 12           | 355      | 28       | 8             | 160       | 22     |
| XR 250/100  | 1.08XR3.020140 | PN16 | 250       | 100        | 20     | B    |     | M16 | 12           | 355      | 28       | 8             | 180       | 22     |
| XR 250/125  | 1.08XR3.020150 | PN16 | 250       | 125        | 20     | B    |     | M16 | 12           | 355      | 28       | 8             | 210       | 22     |
| XR 250/150  | 1.08XR3.020160 | PN16 | 250       | 150        | 30     | B    |     | M20 | 12           | 355      | 28       | 8             | 240       | 22     |
| XR 250/200  | 1.08XR3.020170 | PN16 | 250       | 200        | 30     | A    | M24 | M20 | 12           | 355      |          | 12            | 295       | 22     |
| XR 300/50   | 1.08XR3.030010 | PN16 | 300       | 50         | 25     | B    |     | M16 | 12           | 410      | 28       | 4             | 125       | 28     |
| XR 300/60   | 1.08XR3.030020 | PN16 | 300       | 60         | 25     | B    |     | M16 | 12           | 410      | 28       | 4             | 135       | 28     |
| XR 300/65   | 1.08XR3.030030 | PN16 | 300       | 65         | 25     | B    |     | M16 | 12           | 410      | 28       | 4             | 145       | 28     |
| XR 300/80-4 | 1.08XR3.030040 | PN16 | 300       | 80         | 25     | B    |     | M16 | 12           | 410      | 28       | 4             | 160       | 28     |
| XR 300/80   | 1.08XR3.030050 | PN16 | 300       | 80         | 25     | B    |     | M16 | 12           | 410      | 28       | 8             | 160       | 28     |
| XR 300/100  | 1.08XR3.030060 | PN16 | 300       | 100        | 25     | B    |     | M16 | 12           | 410      | 28       | 8             | 180       | 28     |
| XR 300/125  | 1.08XR3.030070 | PN16 | 300       | 125        | 25     | B    |     | M16 | 12           | 410      | 28       | 8             | 210       | 28     |
| XR 300/150  | 1.08XR3.030080 | PN16 | 300       | 150        | 30     | B    |     | M20 | 12           | 410      | 28       | 8             | 240       | 28     |
| XR 300/200  | 1.08XR3.030090 | PN16 | 300       | 200        | 30     | B    |     | M20 | 12           | 410      | 28       | 12            | 295       | 28     |
| XR 300/250  | 1.08XR3.030100 | PN16 | 300       | 250        | 30     | A    | M24 | M24 | 12           | 410      |          | 12            | 355       | 28     |
| XR 350/80-4 | 1.08XR3.030110 | PN16 | 350       | 80         | 35     | B    |     | M16 | 16           | 470      | 28       | 4             | 160       | 27     |

### Studded reducer flange (Xr) PN10/16

| Article     | Article Nr.    | PN   | ø DN [mm] | ø DN2 [mm] | L [mm] | Type | M   | M2  | Holes # [DN] | ø K [mm] | ø S [mm] | Holes # [DN2] | ø K2 [mm] | G [kg] |
|-------------|----------------|------|-----------|------------|--------|------|-----|-----|--------------|----------|----------|---------------|-----------|--------|
| XR 350/80   | 1.08XR3.030120 | PN16 | 350       | 80         | 35     | B    |     | M16 | 16           | 470      | 28       | 8             | 160       | 27     |
| XR 350/100  | 1.08XR3.030130 | PN16 | 350       | 100        | 35     | B    |     | M16 | 16           | 470      | 28       | 8             | 180       | 27     |
| XR 350/125  | 1.08XR3.030140 | PN16 | 350       | 125        | 35     | B    |     | M16 | 16           | 470      | 28       | 8             | 210       | 27     |
| XR 350/150  | 1.08XR3.030150 | PN16 | 350       | 150        | 35     | B    |     | M20 | 16           | 470      | 28       | 8             | 240       | 27     |
| XR 350/200  | 1.08XR3.030160 | PN16 | 350       | 200        | 35     | B    |     | M20 | 16           | 470      | 28       | 12            | 295       | 37     |
| XR 350/250  | 1.08XR3.030170 | PN16 | 350       | 250        | 35     | B    |     | M24 | 16           | 470      | 28       | 12            | 355       | 37     |
| XR 350/300  | 1.08XR3.030180 | PN16 | 350       | 300        | 35     | A    | M24 | M24 | 16           | 470      |          | 12            | 410       | 37     |
| XR 400/80-4 | 1.08XR3.040010 | PN16 | 400       | 80         | 30     | B    |     | M16 | 16           | 525      | 31       | 4             | 160       | 48     |
| XR 400/80   | 1.08XR3.040020 | PN16 | 400       | 80         | 30     | B    |     | M16 | 16           | 525      | 31       | 8             | 160       | 48     |
| XR 400/100  | 1.08XR3.040030 | PN16 | 400       | 100        | 30     | B    |     | M16 | 16           | 525      | 31       | 8             | 180       | 48     |
| XR 400/125  | 1.08XR3.040040 | PN16 | 400       | 125        | 30     | B    |     | M16 | 16           | 525      | 31       | 8             | 210       | 48     |
| XR 400/150  | 1.08XR3.040050 | PN16 | 400       | 150        | 30     | B    |     | M20 | 16           | 525      | 31       | 8             | 240       | 50     |
| XR 400/200  | 1.08XR3.040060 | PN16 | 400       | 200        | 30     | B    |     | M20 | 16           | 525      | 31       | 12            | 295       | 50     |
| XR 400/250  | 1.08XR3.040070 | PN16 | 400       | 250        | 30     | B    |     | M24 | 16           | 525      | 31       | 12            | 355       | 52     |
| XR 400/300  | 1.08XR3.040080 | PN16 | 400       | 300        | 30     | B    |     | M24 | 16           | 525      | 31       | 12            | 410       | 52     |
| XR 400/350  | 1.08XR3.040090 | PN16 | 400       | 350        | 40     | A    | M27 | M24 | 16           | 525      |          | 16            | 470       | 52     |
| XR 500/80-4 | 1.08XR3.050010 | PN16 | 500       | 80         | 50     | B    |     | M16 | 20           | 650      | 34       | 4             | 160       | 80     |
| XR 500/80   | 1.08XR3.050020 | PN16 | 500       | 80         | 30     | B    |     | M16 | 20           | 650      | 34       | 8             | 160       | 80     |
| XR 500/100  | 1.08XR3.050030 | PN16 | 500       | 100        | 30     | B    |     | M16 | 20           | 650      | 34       | 8             | 180       | 80     |
| XR 500/150  | 1.08XR3.050040 | PN16 | 500       | 150        | 30     | B    |     | M20 | 20           | 650      | 34       | 8             | 240       | 80     |
| XR 500/200  | 1.08XR3.050050 | PN16 | 500       | 200        | 30     | B    |     | M20 | 20           | 650      | 34       | 12            | 295       | 80     |
| XR 500/250  | 1.08XR3.050060 | PN16 | 500       | 250        | 30     | B    |     | M24 | 20           | 650      | 34       | 12            | 355       | 80     |
| XR 500/300  | 1.08XR3.050070 | PN16 | 500       | 300        | 30     | B    |     | M24 | 20           | 650      | 34       | 12            | 410       | 90     |
| XR 500/350  | 1.08XR3.050080 | PN16 | 500       | 350        | 50     | B    |     | M24 | 20           | 650      | 34       | 16            | 470       | 90     |
| XR 500/400  | 1.08XR3.050090 | PN16 | 500       | 400        | 50     | A    | M27 | M27 | 20           | 650      |          | 16            | 525       | 90     |
| XR 600/80-4 | 1.08XR3.060010 | PN16 | 600       | 80         | 35     | B    |     | M16 | 20           | 770      | 37       | 4             | 160       | 120    |
| XR 600/80   | 1.08XR3.060020 | PN16 | 600       | 80         | 35     | B    |     | M16 | 20           | 770      | 37       | 8             | 160       | 120    |
| XR 600/100  | 1.08XR3.060030 | PN16 | 600       | 100        | 35     | B    |     | M16 | 20           | 770      | 37       | 8             | 180       | 120    |
| XR 600/150  | 1.08XR3.060040 | PN16 | 600       | 150        | 35     | B    |     | M20 | 20           | 770      | 37       | 8             | 240       | 120    |
| XR 600/200  | 1.08XR3.060050 | PN16 | 600       | 200        | 35     | B    |     | M20 | 20           | 770      | 37       | 12            | 295       | 120    |
| XR 600/250  | 1.08XR3.060060 | PN16 | 600       | 250        | 35     | B    |     | M24 | 20           | 770      | 37       | 12            | 355       | 120    |
| XR 600/300  | 1.08XR3.060070 | PN16 | 600       | 300        | 35     | B    |     | M24 | 20           | 770      | 37       | 12            | 410       | 120    |
| XR 600/350  | 1.08XR3.060080 | PN16 | 600       | 350        | 35     | B    |     | M24 | 20           | 770      | 37       | 16            | 470       | 120    |
| XR 600/400  | 1.08XR3.060090 | PN16 | 600       | 400        | 35     | B    |     | M27 | 20           | 770      | 37       | 16            | 525       | 120    |
| XR 600/450  | 1.08XR3.060100 | PN16 | 600       | 450        | 50     | A    | M33 | M27 | 20           | 770      |          | 20            | 585       | 120    |
| XR 600/500  | 1.08XR3.060110 | PN16 | 600       | 500        | 50     | A    | M33 | M30 | 20           | 770      |          | 20            | 650       | 120    |
| XR 700/80-4 | 1.08XR3.070010 | PN16 | 700       | 80         | 40     | B    |     | M16 | 24           | 840      | 37       | 4             | 160       | 180    |
| XR 700/80   | 1.08XR3.070020 | PN16 | 700       | 80         | 40     | B    |     | M16 | 24           | 840      | 37       | 8             | 160       | 180    |
| XR 700/100  | 1.08XR3.070030 | PN16 | 700       | 100        | 40     | B    |     | M16 | 24           | 840      | 37       | 8             | 180       | 180    |
| XR 700/150  | 1.08XR3.070040 | PN16 | 700       | 150        | 40     | B    |     | M20 | 24           | 840      | 37       | 8             | 240       | 180    |
| XR 700/200  | 1.08XR3.070050 | PN16 | 700       | 200        | 40     | B    |     | M20 | 24           | 840      | 37       | 12            | 295       | 180    |
| XR 700/250  | 1.08XR3.070060 | PN16 | 700       | 250        | 40     | B    |     | M24 | 24           | 840      | 37       | 12            | 355       | 180    |
| XR 700/300  | 1.08XR3.070070 | PN16 | 700       | 300        | 40     | B    |     | M24 | 24           | 840      | 37       | 12            | 410       | 180    |

### Studded reducer flange (Xr) PN10/16

| Article     | Article Nr.    | PN   | ø DN [mm] | ø DN2 [mm] | L [mm] | Type | M   | M2  | Holes # [DN] | ø K [mm] | ø S [mm] | Holes # [DN2] | ø K2 [mm] | G [kg] |
|-------------|----------------|------|-----------|------------|--------|------|-----|-----|--------------|----------|----------|---------------|-----------|--------|
| XR 700/350  | 1.08XR3.070080 | PN16 | 700       | 350        | 40     | B    |     | M24 | 24           | 840      | 37       | 16            | 470       | 180    |
| XR 700/400  | 1.08XR3.070090 | PN16 | 700       | 400        | 40     | B    |     | M27 | 24           | 840      | 37       | 16            | 525       | 180    |
| XR 700/450  | 1.08XR3.070100 | PN16 | 700       | 450        | 60     | B    |     | M27 | 24           | 840      | 37       | 20            | 585       | 180    |
| XR 700/500  | 1.08XR3.070110 | PN16 | 700       | 500        | 60     | B    |     | M30 | 24           | 840      | 37       | 20            | 650       | 180    |
| XR 700/600  | 1.08XR3.070120 | PN16 | 700       | 600        | 60     | A    | M33 | M33 | 24           | 840      |          | 20            | 770       | 180    |
| XR 800/80-4 | 1.08XR3.080010 | PN16 | 800       | 80         | 40     | B    |     | M16 | 24           | 950      | 41       | 4             | 160       | 190    |
| XR 800/80   | 1.08XR3.080020 | PN16 | 800       | 80         | 40     | B    |     | M16 | 24           | 950      | 41       | 8             | 160       | 190    |
| XR 800/100  | 1.08XR3.080030 | PN16 | 800       | 100        | 40     | B    |     | M16 | 24           | 950      | 41       | 8             | 180       | 190    |
| XR 800/150  | 1.08XR3.080040 | PN16 | 800       | 150        | 40     | B    |     | M20 | 24           | 950      | 41       | 8             | 240       | 190    |
| XR 800/200  | 1.08XR3.080050 | PN16 | 800       | 200        | 40     | B    |     | M20 | 24           | 950      | 41       | 12            | 295       | 190    |
| XR 800/250  | 1.08XR3.080060 | PN16 | 800       | 250        | 40     | B    |     | M24 | 24           | 950      | 41       | 12            | 355       | 190    |
| XR 800/300  | 1.08XR3.080070 | PN16 | 800       | 300        | 40     | B    |     | M24 | 24           | 950      | 41       | 12            | 410       | 190    |
| XR 800/350  | 1.08XR3.080080 | PN16 | 800       | 350        | 40     | B    |     | M24 | 24           | 950      | 41       | 16            | 470       | 190    |
| XR 800/400  | 1.08XR3.080090 | PN16 | 800       | 400        | 60     | B    |     | M27 | 24           | 950      | 41       | 16            | 525       | 190    |
| XR 800/450  | 1.08XR3.080100 | PN16 | 800       | 450        | 60     | B    |     | M27 | 24           | 950      | 41       | 20            | 585       | 190    |
| XR 800/500  | 1.08XR3.080110 | PN16 | 800       | 500        | 60     | B    |     | M30 | 24           | 950      | 41       | 20            | 650       | 190    |
| XR 800/600  | 1.08XR3.080120 | PN16 | 800       | 600        | 60     | B    |     | M33 | 24           | 950      | 41       | 20            | 770       | 190    |
| XR 800/700  | 1.08XR3.080130 | PN16 | 800       | 700        | 60     | A    | M36 | M33 | 24           | 950      |          | 24            | 840       | 190    |