



Grey marked area is QDS program

MIXER DIMENSION & WEIGHT (ASME B16.5 WN/RF CLASS 150 FLANGES)

| Size | Outside diameter | Wall thickness | NUMBER OF ELEMENTS | | | | | | | | | | | |
|--------|------------------|----------------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | 2 | | 3 | | 4 | | 5 | | 6 | | 8 | |
| | | | L [mm] | W [kg] | L [mm] | W [kg] | L [mm] | W [kg] | L [mm] | W [kg] | L [mm] | W [kg] | L [mm] | W [kg] |
| 1/2" | 21.34 | 2.77 | 150 | 1.6 | 175 | 1.6 | 200 | 1.7 | 225 | 1.7 | 250 | 1.8 | 305 | 1.8 |
| 3/4" | 26.67 | 2.87 | 174 | 1.9 | 209 | 2.0 | 244 | 2.1 | 279 | 2.2 | 314 | 2.2 | 380 | 2.4 |
| 1" | 33.40 | 3.38 | 200 | 2.8 | 245 | 2.9 | 290 | 3.0 | 335 | 3.2 | 380 | 3.3 | 465 | 3.6 |
| 1 1/4" | 42.16 | 3.56 | 229 | 3.9 | 289 | 4.2 | 344 | 4.4 | 404 | 4.7 | 459 | 5.0 | 570 | 5.5 |
| 1 1/2" | 48.26 | 3.68 | 257 | 4.8 | 327 | 5.2 | 392 | 5.6 | 457 | 5.9 | 522 | 6.3 | 655 | 7.0 |
| 2" | 60.33 | 3.91 | 307 | 7.4 | 387 | 8.0 | 472 | 8.6 | 557 | 9.2 | 642 | 9.8 | 815 | 11.0 |
| 2 1/2" | 73.03 | 5.16 | 350 | 12.3 | 450 | 13.3 | 550 | 14.4 | 650 | 15.5 | 750 | 16.6 | 955 | 18.8 |
| 3" | 88.90 | 5.49 | 400 | 15.8 | 520 | 17.5 | 650 | 19.4 | 770 | 21.2 | 900 | 23.0 | 1150 | 26.7 |
| 4" | 114.30 | 6.02 | 488 | 24.6 | 648 | 28.0 | 818 | 31.6 | 978 | 35.0 | 1148 | 38.6 | 1475 | 45.5 |
| 5" | 141.30 | 3.40 | 655 | 30.0 | 885 | 34.7 | 1110 | 39.3 | 1340 | 44.0 | 1570 | 48.6 | 2025 | 57.9 |
| 6" | 168.28 | 3.40 | 750 | 38.2 | 1025 | 44.9 | 1300 | 51.6 | 1575 | 58.3 | 1850 | 65.0 | 2400 | 78.4 |

| Size | Outside diameter | Wall thickness | NUMBER OF ELEMENTS | | | | | | | | | | | |
|--------|------------------|----------------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | 10 | | 12 | | 14 | | 16 | | 20 | | 24 | |
| | | | L [mm] | W [kg] | L [mm] | W [kg] | L [mm] | W [kg] | L [mm] | W [kg] | L [mm] | W [kg] | L [mm] | W [kg] |
| 1/2" | 21.34 | 2.77 | 355 | 1.9 | 405 | 2.0 | 455 | 2.1 | 505 | 2.2 | 610 | 2.3 | 710 | 2.5 |
| 3/4" | 26.67 | 2.87 | 445 | 2.5 | 515 | 2.7 | 580 | 2.8 | 650 | 3.0 | 780 | 3.3 | 915 | 3.6 |
| 1" | 33.40 | 3.38 | 550 | 3.9 | 635 | 4.1 | 720 | 4.4 | 805 | 4.7 | 975 | 5.2 | 1145 | 5.8 |
| 1 1/4" | 42.16 | 3.56 | 685 | 6.0 | 795 | 6.5 | 905 | 7.0 | 1020 | 7.5 | 1245 | 8.5 | 1470 | 9.6 |
| 1 1/2" | 48.26 | 3.68 | 785 | 7.7 | 920 | 8.4 | 1050 | 9.1 | 1180 | 9.8 | 1440 | 11.2 | 1705 | 12.7 |
| 2" | 60.33 | 3.91 | 985 | 12.2 | 1150 | 13.4 | 1320 | 14.7 | 1485 | 15.9 | 1825 | 18.3 | 2160 | 20.7 |
| 2 1/2" | 73.03 | 5.16 | 1155 | 20.9 | 1355 | 23.1 | 1555 | 25.3 | 1760 | 27.5 | 2160 | 31.8 | 2560 | 36.1 |
| 3" | 88.90 | 5.49 | 1400 | 30.3 | 1650 | 34.0 | 1900 | 37.6 | 2145 | 41.2 | 2645 | 48.5 | 3145 | 55.8 |
| 4" | 114.30 | 6.02 | 1805 | 52.5 | 2130 | 59.4 | 2460 | 66.4 | 2785 | 73.4 | 3440 | 87.3 | 4095 | 101.2 |
| 5" | 141.30 | 3.40 | 2485 | 67.2 | 2940 | 76.5 | 3400 | 85.9 | 3855 | 95.1 | 4770 | 113.7 | 5685 | 132.4 |
| 6" | 168.28 | 3.40 | 2950 | 91.8 | 3495 | 105.1 | 4045 | 118.5 | 4595 | 131.9 | 5695 | 158.7 | 6790 | 185.4 |

| | | | | | | | | |
|-----------|------------------------|-------------------------------|-------------|-------------|----------|-----------------|---------|-------|
| 03 | Welding Neck Flange | ASME B16.5 RF Class 150 | 316L | 3.1 | 2 | | | |
| 02 | Helical Shaped element | | 1.4404/316L | 2.2 | | | | |
| 01 | Housing | | 1.4404/316L | 3.1 | 1 | | | |
| Item No.: | Description: | Reference standard / drawing: | Material: | Mat. Cert.: | No.-off: | Final dimension | Weight: | Rev.: |

| | | | | | | | |
|--|-------------|--------------|-------------|--|----------|--------|----------|
| Drawn by: | Checked by: | Approved by: | Date: | Client ref.: | Project: | Scale: | Format: |
| NR | RJW | | 15/12/04 | | | 1:~ | A4 |
| | | | Projection: | Title: | | | |
| Postbus 220, 3640 AE Mijdrecht Nijverheidsweg 17-f, 3641 RP Mijdrecht The Netherlands T +31 (0)297-28 77 78 F +31 (0)297-28 60 30 E info@primix.eu I www.primix.eu | | | | ASME STATIC MIXER dwg.no.: PMS - -316L-ASME | | | |
| | | | | | | Sheet: | Rev.No.: |
| | | | | | | 1/1 | 0 |