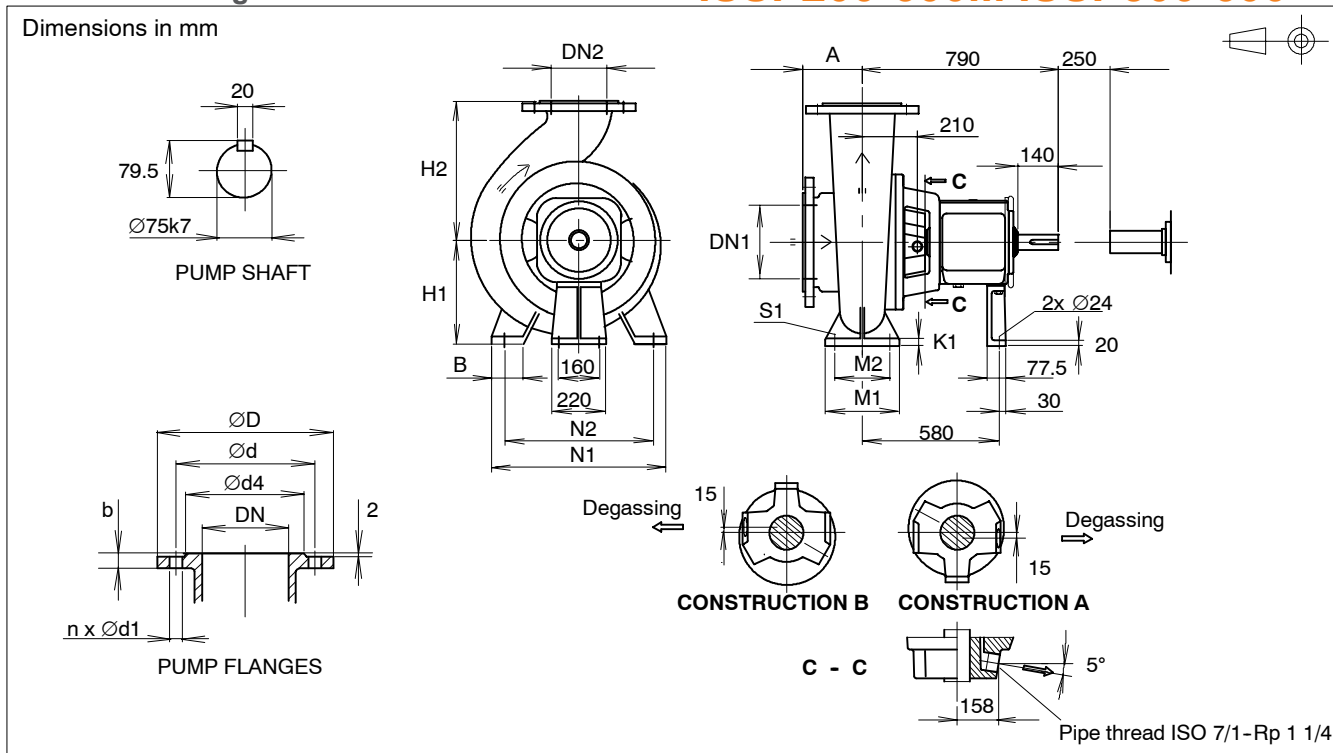


## TECHNICAL DATA SHEETS

### RETRO-FIT ISSP PROCESS PUMP

ISSP250-400... ISSP400-500  
ISSP200-600... ISSP300-600

#### Dimensional Drawing



#### DIMENSIONS

| Pump size  | DN1 | DN2 | A   | H1  | H2   | B   | M1  | M2  | N1  | N2  | S1 | K1 | J kgm <sup>2</sup> | Weight kg |
|------------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|----|----|--------------------|-----------|
| ISSP51-250 | 300 | 250 | 200 | 450 | 560  | 90  | 250 | 190 | 570 | 500 | 28 | 25 | 1.080              | 485       |
| ISSP51-300 | 350 | 300 | 250 | 450 | 670  | 90  | 250 | 190 | 570 | 500 | 28 | 25 | 1.400              | 620       |
| ISSP52-350 | 400 | 350 | 280 | 560 | 800  | 110 | 315 | 250 | 680 | 600 | 28 | 30 | 1.830              | 800       |
| ISSP52-400 | 400 | 400 | 280 | 630 | 850  | 135 | 400 | 315 | 940 | 850 | 35 | 30 | 2.800              | 910       |
| ISSP53-100 | 200 | 100 | 180 | 400 | 500  | 90  | 250 | 190 | 570 | 500 | 28 | 25 | 0.760              | 400       |
| ISSP53-150 | 250 | 150 | 180 | 400 | 500  | 90  | 250 | 190 | 570 | 500 | 28 | 25 | 0.810              | 430       |
| ISSP53-200 | 250 | 200 | 180 | 400 | 560  | 90  | 250 | 190 | 570 | 500 | 28 | 25 | 1.300              | 550       |
| ISSP53-250 | 300 | 250 | 200 | 450 | 630  | 90  | 250 | 190 | 570 | 500 | 28 | 25 | 1.750              | 620       |
| ISSP53-300 | 350 | 300 | 250 | 500 | 670  | 90  | 250 | 190 | 570 | 500 | 28 | 25 | 2.100              | 670       |
| ISSP54-400 | 500 | 400 | 355 | 630 | 850  | 135 | 400 | 315 | 940 | 850 | 35 | 30 | 3.900              | 1100      |
| ISSP54-500 | 500 | 500 | 355 | 710 | 1000 | 135 | 400 | 315 | 940 | 850 | 35 | 30 | 4.400              | 1240      |
| ISSP55-200 | 300 | 200 | 200 | 500 | 630  | 110 | 315 | 250 | 680 | 600 | 28 | 30 | 3.400              | 860       |
| ISSP55-250 | 300 | 250 | 225 | 500 | 710  | 110 | 315 | 250 | 680 | 600 | 28 | 30 | 3.500              | 940       |
| ISSP55-300 | 400 | 300 | 250 | 560 | 800  | 110 | 315 | 250 | 680 | 600 | 28 | 30 | 4.100              | 1030      |

#### DRILLING OF FLANGES

| DN  | D   | d4  | b  | ISO 7005-1 PN10 <sup>(4)</sup> |    |    | ISO 7005-1 PN16 <sup>(4)</sup> |    |    | ISO 7005-2 PN10 <sup>(4)</sup> |    |    | ISO 7005-2 PN16 <sup>(4)</sup> |    |    | JIS B 2210 10K |    |    | JIS B 2210 16K |    |    | ANSI/ASME B 16 Class 125/150 |    |    |
|-----|-----|-----|----|--------------------------------|----|----|--------------------------------|----|----|--------------------------------|----|----|--------------------------------|----|----|----------------|----|----|----------------|----|----|------------------------------|----|----|
|     |     |     |    | d                              | d1 | n  | d                              | d1 | n  | d                              | d1 | n  | d                              | d1 | n  | d              | d1 | n  | d              | d1 | n  | d                            | d1 | n  |
| 100 | 229 | 155 | 24 | 180                            | 18 | 8  | 180                            | 18 | 8  | 180                            | 19 | 8  | 180                            | 19 | 8  | 175            | 19 | 8  | 185            | 23 | 8  | 190.5                        | 20 | 8  |
| 150 | 305 | 212 | 26 | 240                            | 22 | 8  | 240                            | 22 | 8  | 240                            | 23 | 8  | 240                            | 23 | 8  | 240            | 23 | 8  | 260            | 25 | 12 | 241.5                        | 22 | 8  |
| 200 | 350 | 266 | 29 | 295                            | 22 | 8  | 295                            | 22 | 12 | 295                            | 23 | 8  | 295                            | 23 | 12 | 290            | 23 | 12 | 305            | 25 | 12 | 298.5                        | 22 | 8  |
| 250 | 430 | 320 | 31 | 350                            | 22 | 12 | 355                            | 26 | 12 | 350                            | 23 | 12 | 355                            | 28 | 12 | 355            | 25 | 12 | 380            | 27 | 12 | 362.0                        | 26 | 12 |
| 300 | 485 | 370 | 32 | 400                            | 22 | 12 | 410                            | 26 | 12 | 400                            | 23 | 12 | 410                            | 28 | 12 | 400            | 25 | 16 | 430            | 27 | 16 | 432.0                        | 26 | 12 |
| 350 | 540 | 419 | 36 | 460                            | 22 | 16 | 470                            | 26 | 16 | 460                            | 23 | 16 | 470                            | 28 | 16 | 445            | 25 | 16 | 480            | 33 | 16 | 476.0                        | 30 | 12 |
| 400 | 605 | 482 | 37 | 515                            | 26 | 16 | 525                            | 30 | 16 | 515                            | 28 | 16 | 525                            | 31 | 16 | 510            | 27 | 16 | 540            | 33 | 16 | 540.0                        | 30 | 16 |
| 500 | 730 | 585 | 43 | 620                            | 26 | 20 | 650                            | 33 | 20 | 620                            | 28 | 20 | 650                            | 34 | 20 | 620            | 27 | 20 | 660            | 33 | 20 | 635.0                        | 33 | 20 |

1. Same as ISO 2084, DIN 2501 and SFS 2123 except steel flange DN65 n=8.

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