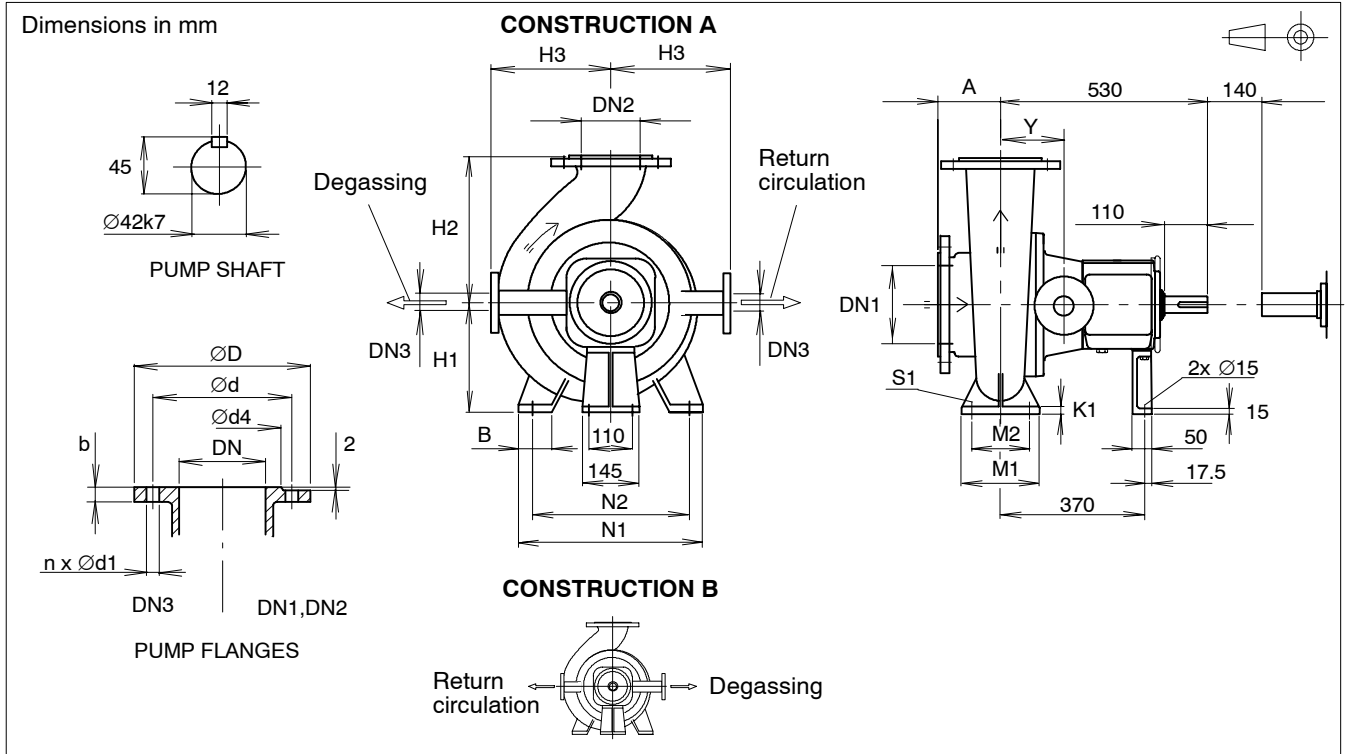


## TECHNICAL DATA SHEETS

### RETRO-FIT ISRP PROCESS PUMP ISRP100-250.. ISRP125-400

#### Dimensional Drawing



#### DIMENSIONS

| Pump size  | DN1 | DN2 | DN3 | A   | Y   | H1  | H2  | H3  | B  | M1  | M2  | N1  | N2  | S1 | K1 | J kgm <sup>2</sup> | Weight kg |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|----|--------------------|-----------|
| ISRP31-100 | 125 | 100 | 40  | 140 | 170 | 225 | 280 | 280 | 65 | 160 | 120 | 370 | 315 | 19 | 20 | 0.103              | 185       |
| ISRP31-10S | 150 | 100 | 40  | 140 | 170 | 225 | 280 | 280 | 65 | 160 | 120 | 370 | 315 | 19 | 20 | 0.103              | 185       |
| ISRP31-125 | 150 | 125 | 40  | 140 | 170 | 250 | 355 | 280 | 65 | 160 | 120 | 370 | 315 | 19 | 20 | 0.125              | 200       |
| ISRP31-10P | 150 | 100 | 40  | 140 | 170 | 250 | 355 | 280 | 65 | 160 | 120 | 370 | 315 | 19 | 20 | 0.125              | 200       |
| ISRP31-150 | 200 | 150 | 40  | 160 | 170 | 280 | 375 | 280 | 85 | 200 | 150 | 470 | 400 | 24 | 20 | 0.180              | 230       |
| ISRP32-65  | 100 | 65  | 40  | 125 | 170 | 225 | 280 | 280 | 65 | 160 | 120 | 370 | 315 | 19 | 20 | 0.083              | 195       |
| ISRP32-80  | 125 | 80  | 40  | 125 | 170 | 250 | 315 | 280 | 65 | 160 | 120 | 370 | 315 | 19 | 20 | 0.120              | 200       |
| ISRP32-8S  | 150 | 80  | 40  | 140 | 170 | 250 | 315 | 280 | 65 | 160 | 120 | 370 | 315 | 19 | 20 | 0.120              | 200       |
| ISRP32-100 | 125 | 100 | 40  | 140 | 170 | 250 | 315 | 280 | 65 | 160 | 120 | 370 | 315 | 19 | 20 | 0.150              | 210       |
| ISRP32-10S | 150 | 100 | 40  | 140 | 170 | 250 | 315 | 280 | 65 | 160 | 120 | 370 | 315 | 19 | 20 | 0.150              | 210       |
| ISRP32-125 | 150 | 125 | 40  | 140 | 170 | 280 | 355 | 280 | 85 | 200 | 150 | 470 | 400 | 24 | 20 | 0.200              | 220       |
| ISRP32-10P | 150 | 100 | 40  | 140 | 170 | 280 | 355 | 280 | 85 | 200 | 150 | 470 | 400 | 24 | 20 | 0.200              | 220       |
| ISRP33-100 | 125 | 100 | 40  | 140 | 170 | 280 | 355 | 280 | 85 | 200 | 150 | 470 | 400 | 24 | 20 | 0.220              | 260       |
| ISRP33-10S | 150 | 100 | 40  | 140 | 170 | 280 | 355 | 280 | 85 | 200 | 150 | 470 | 400 | 24 | 20 | 0.220              | 260       |
| ISRP33-125 | 150 | 125 | 40  | 140 | 170 | 315 | 400 | 280 | 85 | 200 | 150 | 470 | 400 | 24 | 20 | 0.290              | 275       |
| ISRP33-10P | 150 | 100 | 40  | 140 | 170 | 315 | 400 | 280 | 85 | 200 | 150 | 470 | 400 | 24 | 20 | 0.290              | 275       |

#### DRILLING OF FLANGES

|     |     |     |    | ISO 7005-1<br>PN10 <sup>(1)</sup> |    |   | ISO 7005-1<br>PN16 <sup>(1)</sup> |    |    | ISO 7005-2<br>PN10 <sup>(1)</sup> |    |   | ISO 7005-2<br>PN16 <sup>(1)</sup> |    |    | JIS B 2210<br>10K |    |    | JIS B 2210<br>16K |    |    | ANSI/ASME B 16<br>Class 125/150 |    |   |
|-----|-----|-----|----|-----------------------------------|----|---|-----------------------------------|----|----|-----------------------------------|----|---|-----------------------------------|----|----|-------------------|----|----|-------------------|----|----|---------------------------------|----|---|
| DN  | D   | d4  | b  | d                                 | d1 | n | d                                 | d1 | n  | d                                 | d1 | n | d                                 | d1 | n  | d                 | d1 | n  | d                 | d1 | n  | d                               | d1 | n |
| 40  | 150 | -   | 18 | 110                               | 18 | 4 | 110                               | 18 | 4  | -                                 | -  | - | -                                 | -  | -  | 105               | 19 | 4  | 105               | 19 | 4  | 98.5                            | 16 | 4 |
| 65  | 185 | 119 | 23 | 145                               | 18 | 8 | 145                               | 18 | 8  | 145                               | 19 | 4 | 145                               | 19 | 4  | 140               | 19 | 4  | 140               | 19 | 8  | 139.5                           | 20 | 4 |
| 80  | 200 | 130 | 24 | 160                               | 18 | 8 | 160                               | 18 | 8  | 160                               | 19 | 8 | 160                               | 19 | 8  | 150               | 19 | 8  | 160               | 23 | 8  | 152.5                           | 20 | 4 |
| 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 |
| 125 | 270 | 186 | 24 | 210                               | 18 | 8 | 210                               | 18 | 8  | 210                               | 19 | 8 | 210                               | 19 | 8  | 210               | 23 | 8  | 225               | 25 | 8  | 216.0                           | 22 | 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 |

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

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