

DIMENSION SHEET FOR ROTOR DETAILS OF SPLIT CASE PUMP (PACK GLAND FITTED)

| PSF<br>MODEL | SUCTION<br>BORE | DISCHARGE<br>BORE | SHAFT<br>GROUP | PUMP SHAFT DETAILS |    |    |       | STUFFING BOX DETAILS |     |     |    | IMPELLER DIMENSIONS |     |       |     |      |    |      |       |       |       | ZØ   | Z1Ø   | Z2Ø    | BRG.<br>NO. |     |      |     |      |
|--------------|-----------------|-------------------|----------------|--------------------|----|----|-------|----------------------|-----|-----|----|---------------------|-----|-------|-----|------|----|------|-------|-------|-------|------|-------|--------|-------------|-----|------|-----|------|
|              |                 |                   |                | A                  | B  | C  | D     | EØ                   | FØ  | G   | HØ | J                   | KØ  | LØ    | MØ  | N    | PØ | Q    | R     | S     | T     |      |       |        |             | U   | V    | W   | Y    |
| 2HS13        | 65              | 50                | 1              | 29                 | 25 | 8  | 55    | -                    | 49  | 38  | 10 | 65                  | 108 | 88    | 37  | 14   | 33 | 20   | 50    | 150   | 150   | 18.5 | 87.5  | 495.5  | -           | 43  | 30   | 37  | 6306 |
| 3HS10        | 100             | 80                | 1              | 29                 | 25 | 8  | 55    | -                    | 49  | 38  | 10 | 65                  | 102 | 81    | 37  | 18   | 33 | 18   | 50    | 152   | 152   | 18   | 87.5  | 495    | -           | 43  | 31   | 37  | 6306 |
| 3HS13        | 100             | 80                | 1              | 29                 | 25 | 8  | 89.5  | -                    | 73  | 70  | 14 | 108                 | 137 | 111   | 53  | 19   | 40 | 24   | 64    | 275   | 275   | 21   | 128.5 | 811.5  | -           | 59  | 41   | 53  | 6306 |
| 4HS11        | 125             | 100               | 1              | 29                 | 25 | 8  | 89.5  | -                    | 73  | 70  | 14 | 108                 | 135 | 114   | 53  | 40   | 40 | 28   | 84    | 261   | 261   | 21   | 128.5 | 811.5  | -           | 59  | 41   | 53  | 6306 |
| 4HS11L       | 125             | 100               | 1              | 29                 | 25 | 8  | 89    | -                    | 73  | 70  | 14 | 108                 | 150 | 122   | 53  | 45   | 40 | 26   | 88    | 261   | 261   | 21   | 128.5 | 811.5  | -           | 59  | 41   | 53  | 6306 |
| 4HS15        | 125             | 100               | 1              | 29                 | 25 | 8  | 89.5  | -                    | 73  | 70  | 14 | 108                 | 154 | 130.3 | 53  | 15   | 40 | 20.3 | 99.39 | 261   | 261   | 21   | 128.5 | 811.5  | -           | 59  | 41   | 53  | 6306 |
| 4HS16        | 125             | 100               | 1              | 29                 | 25 | 8  | 89.5  | -                    | 73  | 70  | 14 | 108                 | 164 | 140   | 53  | 15   | 40 | 23   | 98    | 259   | 259   | 21   | 128.5 | 811.5  | -           | 59  | 41   | 53  | 6306 |
| 5HS12        | 150             | 125               | 1              | 29                 | 25 | 8  | 89.5  | -                    | 73  | 70  | 14 | 108                 | 165 | 144   | 53  | 34   | 40 | 28   | 92    | 257   | 257   | 21   | 128.5 | 811.5  | -           | 59  | 41   | 53  | 6306 |
| 5HS13        | 150             | 125               | 1              | 29                 | 25 | 8  | 89.5  | -                    | 73  | 70  | 14 | 108                 | 180 | 158   | 53  | 30   | 40 | 25   | 90    | 261   | 261   | 21   | 128.5 | 811.5  | -           | 59  | 41   | 53  | 6306 |
| 5HS17        | 150             | 125               | 2              | 39                 | 34 | 12 | 100   | -                    | 89  | 80  | 18 | 130                 | 185 | 155   | 65  | 23   | 51 | 29.5 | 109   | 326   | 326   | 28   | 142.2 | 990    | -           | 70  | 47   | 65  | 6308 |
| 5HS19        | 150             | 125               | 2              | 39                 | 34 | 12 | 100   | -                    | 89  | 80  | 18 | 130                 | 170 | 140   | 65  | 24.5 | 51 | 32   | 116   | 319.9 | 319.9 | 28   | 142.2 | 990    | -           | 70  | 47   | 65  | 6308 |
| 6HS10        | 150             | 150               | 2              | 39                 | 34 | 12 | 100   | -                    | 89  | 80  | 18 | 130                 | 180 | 150   | 65  | 37   | 51 | 33   | 85.5  | 334   | 334   | 28   | 142.2 | 990    | -           | 70  | 47   | 65  | 6308 |
| 6HS12        | 200             | 150               | 1              | 29                 | 25 | 8  | 89.5  | -                    | 73  | 70  | 14 | 108                 | 180 | 154   | 53  | 44   | 40 | 28   | 94    | 256   | 256   | 21   | 128.5 | 811.5  | -           | 59  | 41   | 53  | 6306 |
| 6HS14        | 200             | 150               | 2              | 39                 | 34 | 12 | 100   | -                    | 89  | 80  | 18 | 130                 | 205 | 176   | 65  | 40   | 51 | 35   | 100   | 325   | 325   | 28   | 142.2 | 990    | -           | 70  | 47   | 65  | 6308 |
| 6HS15        | 200             | 150               | 2              | 39                 | 34 | 12 | 100   | -                    | 89  | 80  | 18 | 130                 | 190 | 168   | 65  | 34   | 51 | 20   | 140   | 320   | 320   | 28   | 142.2 | 990    | -           | 70  | 47   | 65  | 6308 |
| 6HS17        | 200             | 150               | 2              | 39                 | 34 | 12 | 100   | -                    | 89  | 80  | 18 | 130                 | 198 | 170   | 65  | 30   | 51 | 35   | 100   | 324.9 | 324.9 | 28   | 142.2 | 990    | -           | 70  | 47   | 65  | 6308 |
| 6HS21        | 200             | 150               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 212 | 185   | 73  | 28   | 64 | 35   | 125   | 337   | 337   | 33   | 170   | 1073   | -           | 90  | 64   | 73  | 6311 |
| 6HS23        | 200             | 150               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 183 | 153   | 73  | 19   | 64 | 35   | 125   | 337   | 337   | 33   | 170   | 1073   | -           | 90  | 64   | 73  | 6311 |
| 8HS12        | 200             | 200               | 2              | 39                 | 34 | 12 | 100   | -                    | 89  | 80  | 18 | 130                 | 198 | 170   | 65  | 30   | 51 | 35   | 100   | 324.9 | 324.9 | 28   | 142.2 | 990    | -           | 70  | 47   | 65  | 6308 |
| 8HS14        | 250             | 200               | 2              | 39                 | 34 | 12 | 100   | -                    | 89  | 80  | 18 | 130                 | 230 | 200   | 65  | 60   | 51 | 35   | 94    | 324.9 | 324.9 | 28   | 142.2 | 990    | -           | 70  | 47   | 65  | 6308 |
| 8HS15        | 250             | 200               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 225 | 200   | 73  | 57   | 64 | 30   | 145   | 333   | 333   | 30   | 170   | 1070   | -           | 90  | 64   | 73  | 6311 |
| 8HS16        | 200             | 200               | 2              | 39                 | 34 | 12 | 100   | -                    | 89  | 80  | 18 | 130                 | 225 | 197   | 65  | 45   | 51 | 35   | 110   | 320   | 320   | 28   | 142   | 990    | -           | 70  | 47   | 65  | 6308 |
| 8HS17        | 200             | 200               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 230 | 196   | 73  | 45   | 64 | 35   | 130   | 338   | 335   | 30   | 170   | 1070   | -           | 89  | 64   | 73  | 6311 |
| 8HS18TA      | 250             | 200               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 235 | 208   | 73  | 53   | 64 | 35   | 126   | 337   | 337   | 30   | 170   | 1073   | -           | 90  | 64   | 73  | 6311 |
| 8HS18TB      | 250             | 250               | 3              | 54                 | 48 | 16 | 105   | -                    | 105 | 110 | 18 | 150                 | 235 | 208   | 73  | 53   | 64 | 34.5 | 126   | 303   | 337   | 33   | 170   | 1073   | -           | 90  | 64   | 73  | 6311 |
| 8HS21TA      | 200             | 200               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 212 | 185.5 | 73  | 28   | 64 | 35   | 125   | 337.5 | 337.5 | 30   | 176   | 1077   | -           | 90  | 64   | 73  | 6311 |
| 8HS21TB      | 200             | 200               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 245 | 108   | 73  | 29   | 64 | 32   | 137   | 337   | 337   | 33   | 170   | 1073   | -           | 90  | 64   | 73  | 6311 |
| 8HS21TAK     | 250             | 200               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 245 | 108   | 73  | 29   | 64 | 32   | 137   | 337   | 337   | 33   | 170   | 1073   | -           | 90  | 64   | 73  | 6311 |
| 8HS22        | 250             | 200               | 4              | 69                 | 62 | 20 | 151   | 125                  | 125 | 106 | 22 | 180                 | 250 | 218   | 93  | 37   | 80 | 34.5 | 170   | 303   | 303   | 31.5 | 145.5 | 978    | 217         | 110 | 80   | 93  | 6314 |
| 8HS26        | 250             | 200               | 4              | 69                 | 62 | 20 | 150.5 | 125                  | 125 | 106 | 22 | 180                 | 240 | 212   | 93  | 23   | 80 | 35   | 170   | 372.5 | 372.5 | 34   | 192.5 | 1211.5 | 210         | 110 | 80   | 93  | 6314 |
| 10HS12       | 250             | 250               | 2              | 39                 | 34 | 12 | 100   | -                    | 89  | 80  | 18 | 130                 | 230 | 202.5 | 65  | 66   | 51 | 35   | 120   | 315   | 315   | 28   | 142   | 990    | -           | 70  | 46   | 65  | 6308 |
| 10HS13       | 300             | 250               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 212 | 185   | 73  | 28   | 64 | 35   | 125   | 337   | 337   | 33   | 170   | 1073   | -           | 90  | 64   | 73  | 6311 |
| 10HS13L      | 300             | 250               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 252 | 219   | 73  | 83   | 64 | 35   | 140   | 330   | 330   | 29.9 | 170   | 1070   | -           | 89  | 63.5 | 73  | 6311 |
| 10HS15       | 300             | 250               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 254 | 226   | 73  | 64   | 64 | 32   | 32    | 338   | 338   | 33   | 170   | 1073   | -           | 89  | 64   | 73  | 6311 |
| 10HS17       | 300             | 250               | 3              | 54                 | 48 | 16 | 125   | 105                  | 105 | 110 | 18 | 150                 | 260 | 231   | 73  | 72   | 64 | 35   | 130   | 335   | 335   | 33   | 170   | 1073   | 176         | 90  | 64   | 73  | 6311 |
| 10HS17L      | 250             | 250               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 258 | 226   | 73  | 61   | 64 | 42   | 116   | 335.5 | 335.5 | 34   | 170   | 1073   | -           | 90  | 64   | 73  | 6311 |
| 10HS20       | 300             | 250               | 4              | 69                 | 62 | 20 | 151   | 125                  | 125 | 106 | 22 | 180                 | 270 | 230   | 93  | 42   | 80 | 35   | 170   | 373   | 373   | 34   | 193   | 1212   | 210         | 110 | 80   | 93  | 6314 |
| 10HS22       | 300             | 250               | 4              | 69                 | 62 | 20 | 151   | 125                  | 125 | 106 | 22 | 180                 | 288 | 245   | 93  | 52   | 80 | 35   | 190   | 363   | 363   | 34   | 193   | 1212   | 210         | 110 | 80   | 93  | 6314 |
| 10HS27       | 300             | 250               | 5              | 79                 | 71 | 22 | 135   | 145                  | 145 | 135 | 22 | 200                 | 290 | 246   | 105 | 38   | 90 | 48   | 150   | 432.5 | 432.5 | 36.5 | 197.5 | 1345   | 210         | 122 | 90   | 105 | 6316 |
| 12HS13       | 350             | 300               | 3              | 54                 | 48 | 16 | 125   | -                    | 110 | 110 | 18 | 155                 | 260 | 330   | 78  | 114  | 64 | 34   | 162   | 345   | 345   | 30   | 170   | 1120   | -           | 95  | 64   | 78  | 6311 |
| 12HS15       | 350             | 300               | 3              | 54                 | 48 | 16 | 125   | -                    | 105 | 110 | 18 | 150                 | 278 | 247   | 73  | 101  | 64 | 30   | 170   | 320   | 320   | 34   | 170   | 1073   | -           | 90  | 64   | 73  | 6311 |
| 12HS16       | 40              |                   |                |                    |    |    |       |                      |     |     |    |                     |     |       |     |      |    |      |       |       |       |      |       |        |             |     |      |     |      |