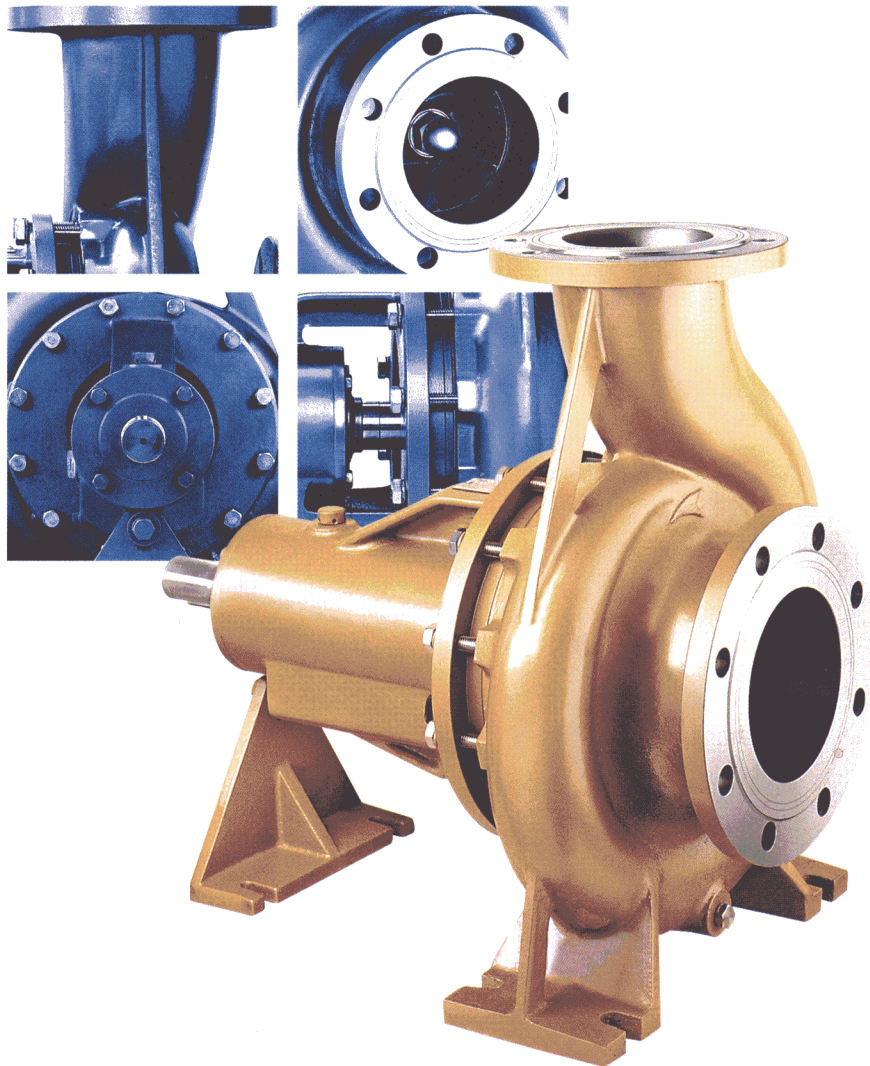


**KN KEWPUMP®**



## KS-SR

GENERAL APPLICATION PUMP

COMPLIES WITH ISO 2858

STANDARD



QUALITY  
MANAGEMENT  
SYSTEM

## Design

The KS-SR range of pumps is manufactured for a wide range of flow and head requirements and fully complies with ISO 2858:1975 standard. Back pull-out design to give instant access to most parts for simple and quick maintenance.

## Materials of Construction

All standard pump components in contact with the fluid are made of Stainless Steel 304 (CF-8). Stainless Steel 316 (CF-8M) and Cast Iron are also available upon request.

### FLANGES

Flanges are drilled according to ISO 7005-1:1992 - PN16.

### CASING

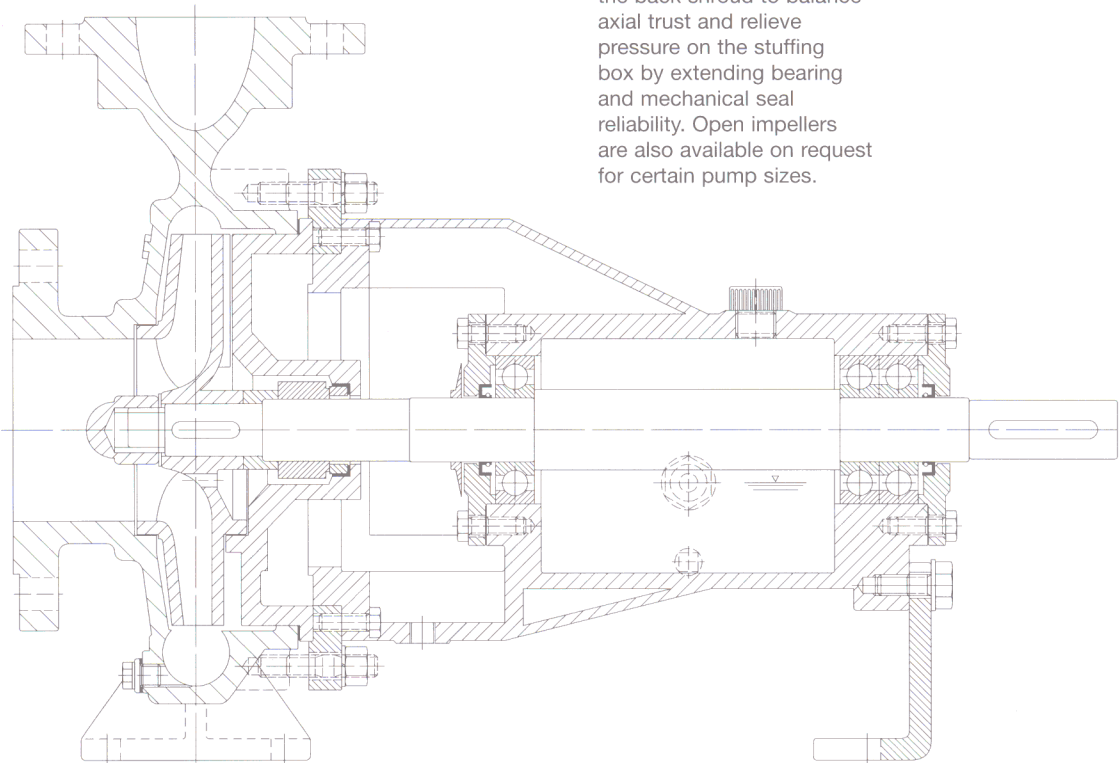
Highly efficient one-piece volute type with integrally cast feet. End suction with vertical centreline discharge nozzle.

### IMPELLER

Enclosed type with twisted vane design for maximum performance. Swept back clearing vanes or impeller running rings are cast onto the back shroud to balance axial thrust and relieve pressure on the stuffing box by extending bearing and mechanical seal reliability. Open impellers are also available on request for certain pump sizes.

### SHAFT

Robust and stiff solid shaft ensures less deflection at the seal face to extend the mechanical seal life.



### SHAFT SLEEVE

For gland packing sealing, renewable hook type shaft sleeve is fitted to prevent shaft damage under the gland packing.

### STUFFING BOX COVER

Cast in one-piece with large bore seal chamber available on all pumps furnished with mechanical seal. Standard bore stuffing box cover can be fitted with a packed gland as an alternative.

### BEARING BRACKET

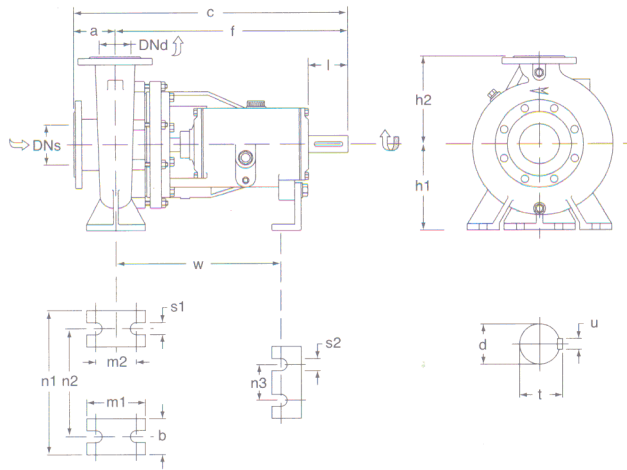
Rigid single-piece cast iron construction and in connection with the support foot. Designed with large oil reservoir for better dissipation of heat, and standard oil level bulls-eye sight glass for easy monitoring.

### BEARINGS

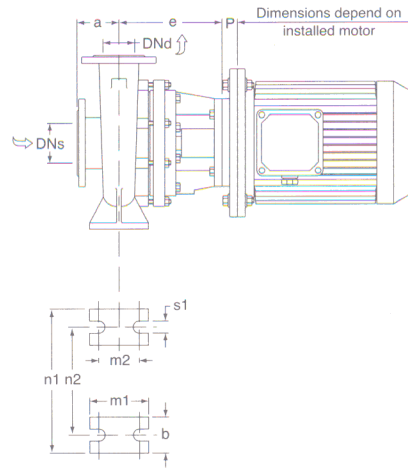
Heavy duty, single row, deep groove ball bearings are designed with oil bath lubrication. Each bearing is protected by a cast iron cover with inbuilt oil seal to ensure an exceptionally long, trouble free bearing life.



**SR ( BARESHAFT )**



**SRM ( CLOSE-COUPLED )**



**Dimensions in mm**

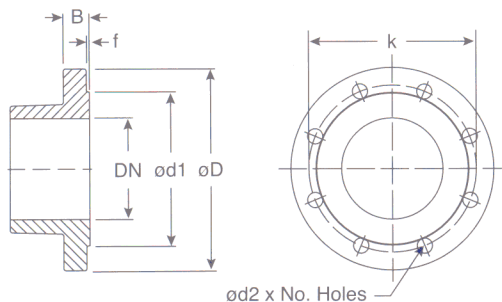
| PUMP<br>MODEL           | SR & SRM (where applicable) |     |                 |     |     |     |     |                 |     |     |     |     |     |    |    |     |           |      |      |     | SRM                      |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
|-------------------------|-----------------------------|-----|-----------------|-----|-----|-----|-----|-----------------|-----|-----|-----|-----|-----|----|----|-----|-----------|------|------|-----|--------------------------|------------------------------------|------|------|------|-----|-----|-----|------|-----|-----|----|------|------|-----|-----|
|                         | Flanges                     |     | Pump Dimensions |     |     |     |     | Foot Dimensions |     |     |     |     |     |    |    |     | Shaft End |      |      |     | Close-Coupled Dimensions |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
|                         | DNd                         | DNs | a               | f   | c   | h1  | h2  | b               | m1  | m2  | n1  | n2  | n3  | s1 | s2 | w   | d         | l    | t    | u   | e                        | P                                  |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 32-130                  | 32                          | 50  | 80              | 385 | 465 | 112 | 140 | 50              | 100 | 70  | 190 | 140 | 110 | 14 | 14 | 285 | 24        | 50   | 27.9 | 8   | 151                      | Motor Sizes 80M, 90S, 90L<br>P = 0 |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 32-160                  |                             |     |                 |     | 132 | 160 | 240 |                 |     |     | 190 | 193 |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 32-200                  |                             |     |                 |     | 160 | 180 | 320 |                 |     |     | 250 | 198 |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 32-260                  |                             |     |                 |     | 100 | 500 |     |                 |     |     |     |     |     |    |    |     |           |      |      |     | 600                      |                                    | 180  | 225  | 65   | 125 | 95  | 320 | 250  | 370 | 32  | 80 | 35.3 | 10   |     |     |
| 40-130                  | 40                          | 65  | 80              | 385 | 465 | 112 | 140 | 50              | 100 | 70  | 210 | 160 | 110 | 14 | 14 | 285 | 24        | 50   | 27.9 | 8   | 151                      |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 40-160                  |                             |     |                 |     | 132 | 160 | 240 |                 |     |     | 190 | 193 |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 40-200                  |                             |     |                 |     | 485 | 160 | 180 |                 |     |     | 265 | 212 |     |    |    |     |           |      |      |     | 370                      |                                    | 32   | 80   | 35.3 | 10  | 198 |     |      |     |     |    |      |      |     |     |
| 40-260                  |                             |     | 100             | 600 | 180 | 225 | 320 |                 |     |     | 250 |     |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 40-320                  |                             |     | 125             | 500 | 625 | 200 | 250 |                 |     |     | 345 | 280 |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 50-130                  | 50                          | 80  | 100             | 385 | 485 | 132 | 160 | 50              | 100 | 70  | 240 | 190 | 110 | 14 | 14 | 285 | 24        | 50   | 27.9 | 8   | 151                      |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 50-160                  |                             |     |                 |     | 160 | 180 | 265 |                 |     |     | 212 | 193 |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 50-200                  |                             |     |                 |     | 200 | 320 | 250 |                 |     |     | 370 | 32  |     |    |    |     |           |      |      |     | 80                       |                                    | 35.3 | 10   | 198  |     |     |     |      |     |     |    |      |      |     |     |
| 50-260                  |                             |     |                 |     | 180 |     |     |                 |     |     |     |     |     |    |    |     |           |      |      |     |                          |                                    |      |      |      | 225 |     |     |      |     |     |    |      |      |     |     |
| 50-320                  |                             |     |                 |     | 125 |     |     |                 |     |     |     |     |     |    |    |     |           |      |      |     |                          |                                    |      |      |      | 500 | 625 | 225 | 280  | 345 | 280 |    |      |      |     |     |
| 65-130                  | 65                          | 100 | 100             | 385 | 485 | 160 | 180 | 65              | 125 | 95  | 280 | 212 | 110 | 14 | 14 | 285 | 24        | 50   | 27.9 | 8   | 151                      |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 65-160                  |                             |     |                 | 600 | 180 | 225 | 320 |                 |     |     | 250 | 370 |     |    |    |     |           |      |      |     | 32                       |                                    | 80   | 35.3 | 10   | 198 |     |     |      |     |     |    |      |      |     |     |
| 65-200                  |                             |     |                 | 500 | 625 | 200 | 250 |                 |     |     | 360 |     |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     | 280 |     |      |     |     |    |      |      |     |     |
| 65-260                  |                             |     |                 | 125 | 625 | 200 | 250 |                 |     |     | 80  |     |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     | 160 | 120 | 400  | 315 | 18  | 42 | 95   | 45.1 | 12  | 203 |
| 65-320 <sup>1)</sup>    |                             |     |                 | 530 | 655 | 225 | 280 |                 |     |     | 80  |     |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     | 160 | 120 | 400  | 315 |     |    |      |      |     |     |
| 80-160                  | 80                          | 125 | 125             | 500 | 625 | 180 | 250 | 65              | 125 | 95  | 320 | 250 | 110 | 14 | 14 | 370 | 32        | 80   | 35.3 | 10  | 198                      |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 80-200                  |                             |     |                 |     | 225 | 280 | 345 |                 |     |     | 280 | 18  |     |    |    |     |           |      |      |     |                          | 42                                 | 95   | 45.1 | 12   | 203 |     |     |      |     |     |    |      |      |     |     |
| 80-260 <sup>2)</sup>    |                             |     |                 |     | 200 | 280 | 400 |                 |     |     | 315 |     |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 80-320 <sup>3)</sup>    |                             |     |                 |     | 250 | 315 | 435 |                 |     |     | 355 |     |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     | 203 |     |      |     |     |    |      |      |     |     |
| 80-400 <sup>4)</sup>    |                             |     |                 |     | 280 | 355 | 435 |                 |     |     | 355 |     |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     | --  |     |      |     |     |    |      |      |     |     |
| 100-160                 | 100                         | 125 | 125             | 500 | 625 | 200 | 280 | 80              | 160 | 120 | 340 | 260 | 110 | 18 | 14 | 370 | 32        | 80   | 35.3 | 10  | 198                      |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 100-200                 |                             |     |                 |     |     | 225 | 280 |                 |     |     | 360 | 280 |     |    |    |     |           |      |      |     |                          | 23                                 | 42   | 95   | 45.1 | 12  | 203 |     |      |     |     |    |      |      |     |     |
| 100-260 <sup>3)</sup>   |                             |     |                 |     |     | 225 | 280 |                 |     |     | 400 | 315 |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 100-320 <sup>3)</sup>   |                             |     | 250             | 315 | 435 | 355 | 100 |                 |     |     | 200 | 150 |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     |     | 500 | 400  | --  |     |    |      |      |     |     |
| 100-400 <sup>3)</sup>   |                             |     | 280             | 355 | 435 | 355 | 100 |                 |     |     | 200 | 150 |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     |     | 500 | 400  | 23  | 42  | 95 | 45.1 | 12   | 203 |     |
| 125-200                 | 125                         | 150 | 140             | 500 | 640 | 250 | 315 | 80              | 160 | 120 | 400 | 315 | 110 | 18 | 14 | 370 | 32        | 80   | 35.3 | 10  | 198                      |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 125-260 <sup>3)</sup>   |                             |     |                 |     | 250 | 315 | 400 |                 |     |     | 315 | 203 |     |    |    |     |           |      |      |     |                          |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 125-320 <sup>3)</sup>   |                             |     |                 |     | 530 | 670 | 280 |                 |     |     | 355 | 100 |     |    |    |     |           |      |      |     |                          | 200                                | 150  | 500  | 400  | 23  | 42  | 95  | 45.1 | 12  | --  |    |      |      |     |     |
| 125-400 <sup>3)</sup>   |                             |     |                 |     | 315 | 400 | 435 |                 |     |     | 355 | 100 |     |    |    |     |           |      |      |     |                          | 200                                | 150  | 500  | 400  | 23  | 42  | 95  | 45.1 | 12  | --  |    |      |      |     |     |
| 150-200                 | 150                         | 200 | 160             | 500 | 660 | 280 | 375 | 100             | 200 | 150 | 550 | 450 | 110 | 23 | 14 | 370 | 32        | 80   | 35.3 | 10  | --                       |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 150-260 <sup>3(4)</sup> |                             |     |                 | 530 | 690 |     | 42  |                 |     |     |     |     |     |    |    |     | 95        | 45.1 | 12   |     |                          |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 150-320 <sup>3)</sup>   |                             |     |                 | 670 | 830 |     | 400 |                 |     |     |     |     |     |    |    |     | 315       | 450  | 48   | 110 |                          | 51.5                               | 14   |      |      |     |     |     |      |     |     |    |      |      |     |     |
| 150-400                 |                             |     |                 | 315 | 450 |     | 48  |                 |     |     |     |     |     |    |    |     | 110       | 51.5 | 14   |     |                          |                                    |      |      |      |     |     |     |      |     |     |    |      |      |     |     |

1) In these models the dimension "t" is 15mm shorter than the specified in ISO 2858. The dimension "t" is according to ISO 2858

2) In this model the dimension "h1" is 25mm smaller than the specified in ISO 2858

3) In this model the dimension "h1" is 35mm smaller than the specified in ISO 2858

4) In this model the dimensions "n1" and "n2" are 50mm bigger than the specified in ISO 2858



Product specifications subject to change without prior notice.

**Dimensions in mm**

| Nominal Dia. | Flange |    | Raised Face |   | Drilling* |    |     | Bolting |
|--------------|--------|----|-------------|---|-----------|----|-----|---------|
| DN           | D      | B  | d1          | f | No.       | d2 | k   |         |
| 32           | 140    | 18 | 76          | 2 | 4         | 18 | 100 | M16     |
| 40           | 150    | 18 | 84          | 2 | 4         | 18 | 110 | M16     |
| 50           | 165    | 20 | 99          | 2 | 4         | 18 | 125 | M16     |
| 65           | 185    | 20 | 118         | 2 | 4**       | 18 | 145 | M16     |
| 80           | 200    | 20 | 132         | 2 | 8         | 18 | 160 | M16     |
| 100          | 220    | 22 | 156         | 2 | 8         | 18 | 180 | M16     |
| 125          | 250    | 22 | 184         | 2 | 8         | 18 | 210 | M16     |
| 150          | 285    | 24 | 211         | 2 | 8         | 22 | 240 | M20     |
| 200          | 340    | 24 | 266         | 2 | 12        | 22 | 295 | M20     |

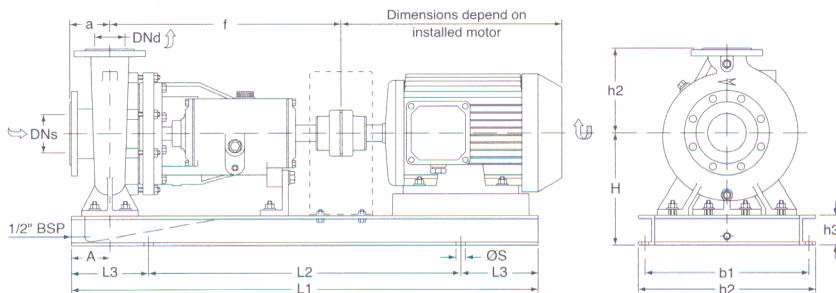
Flange dimensions and drilling according to ISO 7005-1:1992 - PN16

\* Holes equally spaced straddling pump centreline

\*\* Number of holes drilled less than the specified in ISO 7005-1:1992 - PN16



# KEWPUMP® KS-SR PUMP SET DIMENSIONS WITH BASEPLATE



Baseplate Dimensions According to ISO 3661

| Baseplate Number | b1  | b2  | h3  | L1   | L2   | L3  | S  | For Bolt |
|------------------|-----|-----|-----|------|------|-----|----|----------|
| 3661.2           | 320 | 360 | 100 | 800  | 540  | 130 | 18 | M16      |
| 3661.3           | 350 | 390 | 100 | 900  | 600  | 150 | 18 | M16      |
| 3661.4           | 400 | 450 | 100 | 1000 | 660  | 170 | 22 | M20      |
| 3661.5           | 440 | 490 | 100 | 1120 | 740  | 190 | 22 | M20      |
| 3661.6           | 490 | 540 | 100 | 1250 | 840  | 205 | 22 | M20      |
| 3661.7           | 550 | 610 | 125 | 1400 | 940  | 230 | 26 | M24      |
| 3661.8           | 600 | 660 | 125 | 1600 | 1060 | 270 | 26 | M24      |
| 3661.9           | 670 | 730 | 150 | 1800 | 1200 | 300 | 26 | M24      |

Dimensions in mm

H and the Standardized Baseplate Number, in Terms of Motor Size (I.E.C.)

| PUMP MODEL | Flanges |     | Set Dimensions |     |     |     | H and the Standardized Baseplate Number, in Terms of Motor Size (I.E.C.) |     |     |        |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |  |
|------------|---------|-----|----------------|-----|-----|-----|--------------------------------------------------------------------------|-----|-----|--------|------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|
|            | DNd     | DNs | a              | f   | A   | h2  | 71M                                                                      | 80M | 90S | 90L    | 100L | 112M | 132S   | 132M   | 160M   | 160L   | 180M   | 180L   | 200L   | 225S   | 225M   | 250M   | 280S   | 280M   |        |        |        |  |  |
| 32-130     | 32      | 50  | 80             | 385 | 60  | 140 |                                                                          |     | 212 |        |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     | 3661.2 |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |  |
| 32-160     |         |     |                |     |     |     |                                                                          |     |     | 160    |      |      |        |        |        | 232    |        | 3661.3 | 3661.4 |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |  |
| 32-200     |         |     |                |     |     | 180 |                                                                          |     |     |        | 260  |      | 3661.3 | 3661.4 |        | 260    |        |        |        |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 3661.4 |        |        |        |        |        |        |        |        |        |        |        |  |  |
| 32-260     |         |     | 100            | 500 | 75  | 225 |                                                                          |     |     |        | 280  |      | 3661.4 |        |        |        | 280    |        |        |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 3661.5 | 3661.6 |        |        |        |        |        |        |        |        |        |        |  |  |
| 40-130     | 40      | 65  | 80             | 385 | 60  | 140 |                                                                          |     |     |        |      | 212  |        | 3661.2 |        | 3661.3 | 3661.4 |        |        |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |  |
| 40-160     |         |     |                |     |     |     |                                                                          |     |     | 160    |      |      |        |        |        | 232    |        | 3661.2 |        | 3661.3 | 3661.4 |        | 260    |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        |        | 3661.4 |        |        |        |        |  |  |
| 40-200     |         |     |                |     |     |     | 180                                                                      |     |     |        |      |      | 260    |        | 3661.3 | 3661.4 |        | 260    |        |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        | 3661.4 |        |        |        |        |        |        |        |        |        |  |  |
| 40-260     |         |     | 100            |     |     | 225 |                                                                          |     |     |        | 280  |      | 3661.4 |        |        |        | 280    |        |        | 325    |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 3661.5 | 3661.6 |        |        | 3661.7 |        |        |        |        |        |        |        |  |  |
| 40-320     |         |     | 125            | 500 | 75  | 250 |                                                                          |     |     |        |      |      |        |        |        | 300    |        |        |        |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 3661.5 |        |        |        |        |        |        |        |        |        |        |        |  |  |
| 50-130     | 50      | 80  | 100            | 385 | 60  | 160 |                                                                          |     |     |        |      | 232  |        | 3661.2 |        | 3661.3 | 3661.4 |        | 260    |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |  |
| 50-160     |         |     |                |     |     |     |                                                                          |     |     | 180    |      |      |        |        |        | 260    |        | 3661.3 | 3661.4 |        | 260    |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        | 3661.4 |        |        |        |        |        |        |  |  |
| 50-200     |         |     |                |     |     |     | 200                                                                      |     |     |        |      |      | 260    |        | 3661.3 | 3661.4 |        | 260    |        | 280    |        | 325    |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        | 3661.4 | 3661.5 | 3661.6 |        | 3661.7 |        |        |        |        |        |  |  |
| 50-260     |         |     | 125            | 500 | 75  | 225 |                                                                          |     |     |        |      |      |        |        |        | 280    |        |        | 325    |        |        | 350    | 375    |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 3661.4 |        | 3661.5 | 3661.6 |        | 3661.7 | 3661.7 | 3661.8 |        |        |        |        |  |  |
| 50-320     |         |     |                |     |     | 280 |                                                                          |     |     |        |      |      |        |        |        | 325    |        |        |        |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 3661.5 |        |        | 3661.6 |        |        |        |        |        |        |        |        |  |  |
| 65-130     | 65      | 100 | 100            | 385 | 75  | 180 |                                                                          |     |     |        |      | 260  |        | 3661.4 |        |        | 260    |        |        |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        | 3661.4 | 3661.5 |        |        |        |        |        |        |  |  |
| 65-160     |         |     |                |     |     |     |                                                                          |     |     | 200    |      |      |        |        |        | 260    |        | 3661.4 |        | 260    |        | 280    |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        | 3661.5 | 3661.6 |        |        |        |        |        |        |  |  |
| 65-200     |         |     |                |     |     |     | 225                                                                      |     |     |        |      |      | 280    |        | 3661.4 |        |        | 3661.5 | 3661.6 |        | 325    |        | 350    |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        | 3661.7 |        | 3661.7 | 3661.8 |        |        |        |  |  |
| 65-260     |         |     | 125            |     |     | 250 |                                                                          |     |     |        |      | 300  |        | 3661.5 |        |        | 300    |        | 325    |        | 350    | 375    | 430    |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        | 3661.6 |        | 3661.7 | 3661.7 | 3661.8 | 3661.9 |        |        |        |        |  |  |
| 65-320     |         |     |                | 530 | 90  | 280 |                                                                          |     |     |        |      |      |        |        |        | 325    |        |        |        |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 3661.6 |        |        |        |        |        |        |        |        |        |        |        |  |  |
| 80-160     | 80      | 125 | 125            | 500 | 75  | 225 |                                                                          |     |     |        |      | 280  |        | 3661.4 |        |        | 280    |        |        | 325    |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        | 3661.5 | 3661.6 |        | 3661.7 |        |        |        |        |  |  |
| 80-200     |         |     |                |     |     |     |                                                                          |     |     | 250    |      |      |        |        |        | 280    |        | 3661.5 |        |        | 3661.6 |        | 325    |        | 350    | 375    |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        |        | 3661.7 |        | 3661.7 | 3661.8 |        |  |  |
| 80-260     |         |     |                |     |     |     | 280                                                                      |     |     |        |      |      | 300    |        | 3661.6 |        |        | 300    |        | 325    |        | 350    | 375    | 430    |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        | 3661.6 |        | 3661.7 | 3661.7 | 3661.8 | 3661.9 |        |        |  |  |
| 80-320     |         |     |                |     | 90  | 315 |                                                                          |     |     |        |      |      |        |        |        | 350    |        |        | 375    |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 3661.6 |        |        | 3661.7 |        |        |        |        |        |        |        |        |  |  |
| 80-400     |         |     |                | 530 |     | 355 |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 405    |        |        |        |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 3661.7 |        |        |        |        |        |        |        |        |        |        |        |  |  |
| 100-160    | 100     | 125 | 125            | 500 | 90  | 280 |                                                                          |     |     |        | 300  |      | 3661.5 |        |        | 300    |        |        | 325    |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        | 3661.6 |        | 3661.7 |        |        |        |  |  |
| 100-200    |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 300    |        | 3661.5 |        |        | 3661.6 |        | 325    |        | 350    | 375    | 430    |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        |        | 3661.7 |        | 3661.7 | 3661.8 | 3661.9 |  |  |
| 100-260    |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        | 325    |        |        | 3661.7 |        | 3661.7 | 3661.8 | 3661.9 |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        | 3661.6 |        | 3661.7 | 3661.7 | 3661.8 | 3661.9 |        |        |  |  |
| 100-320    |         |     | 140            | 530 |     | 315 |                                                                          |     |     |        |      |      |        |        |        | 350    |        |        | 375    |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        | 3661.6 |        |        | 3661.7 |        |        |        |        |        |        |        |        |  |  |
| 100-400    |         |     |                |     | 110 | 355 |                                                                          |     |     |        |      |      |        |        |        |        |        |        | 405    |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        | 3661.8 |        |        |        |        |        |        |        |        |  |  |
| 125-200    | 125     | 150 | 140            | 500 | 90  | 315 |                                                                          |     |     |        |      |      |        |        |        | 350    |        |        |        |        |        | 375    | 430    |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        | 3661.6 |        |        |        |        | 3661.8 | 3661.9 |        |  |  |
| 125-260    |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        | 350    |        | 375    |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        | 3661.6 |        | 3661.7 |        |        |        |        |  |  |
| 125-320    |         |     |                |     |     | 355 |                                                                          |     |     |        |      |      |        |        |        |        |        |        | 405    |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        | 3661.8 |        |        |        |        |        |        |        |        |  |  |
| 125-400    |         |     |                |     | 110 | 400 |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        | 440    |        | 465    |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        | 3661.8 |        | 3661.9 |        |        |        |        |        |        |  |  |
| 150-200    | 150     | 200 | 160            | 500 | 110 | 375 |                                                                          |     |     |        |      |      |        |        |        |        |        |        | 430    |        |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        |        | 3661.9 |        |        |        |        |  |  |
| 150-260    |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        |        | 430    |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        |        | 3661.9 |        |        |        |        |  |  |
| 150-320    |         |     |                |     |     | 400 |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        | 430    |        |        |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        | 3661.9 |        |        |        |        |        |        |        |        |  |  |
| 150-400    |         |     |                |     |     | 450 |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        | 465    |        |        |        |        |        |  |  |
|            |         |     |                |     |     |     |                                                                          |     |     |        |      |      |        |        |        |        |        |        |        |        |        | 3661.9 |        |        |        |        |        |  |  |

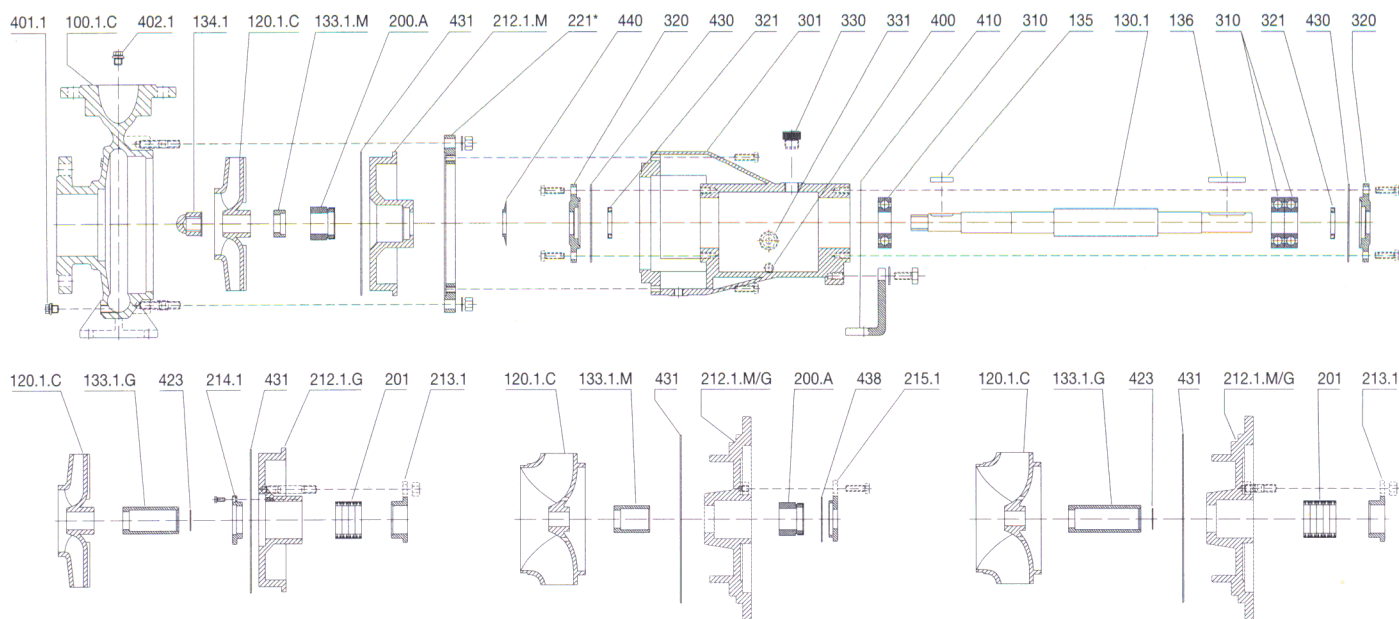
Baseplate selection based on standard couplings used

Motor Size and Power IP-55, Standardized to I.E.C.

| Power hp at 50 Hz    | 0.5 | 0.75 | 1.0 | 1.5 | 2.0  | 3.0  | 4.0  | 5.5  | 7.5  | 10   | 15   | 20   | 25   | 30   | 40   | 50   | 60   | 75   | 100 | 125 |
|----------------------|-----|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| Motor Size of 4 Pole | 71M | 80M  | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M |     |     |
| Motor Size of 2 Pole | 71M | 80M  | 90S | 90L | 100L | 112M | 132S |      | 160M | 160L | 180M | 180L | 200L | 225M | 250M | 280S | 280M |      |     |     |



## SR ( BARESHAFT )



Gland Packing

Models 125-320, 125-400 and models  
with discharge diameter 150mm  
(Mechanical Sealing)

Models 125-320, 125-400 and models  
with discharge diameter 150mm  
(Gland Packing)

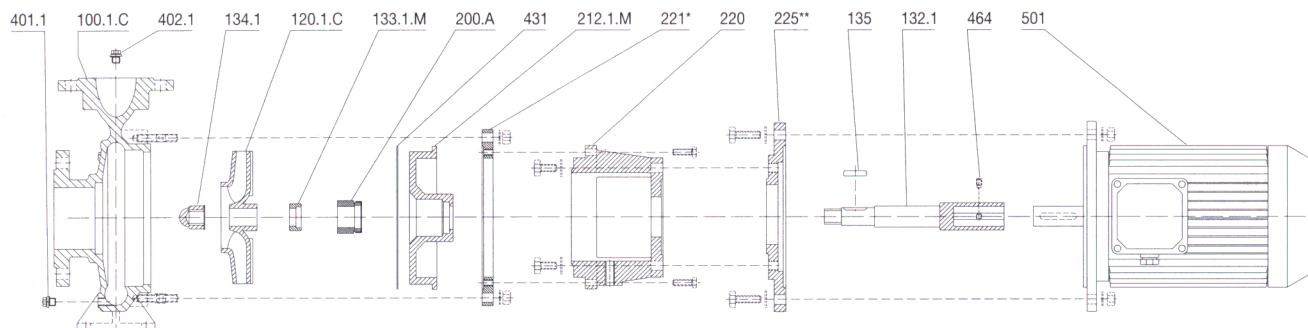
| Part No.  | Description                                                 | Standard Material   |
|-----------|-------------------------------------------------------------|---------------------|
| 100.1.C   | Casing for Closed Impeller                                  | Stainless Steel 304 |
| 120.1.C   | Closed Impeller                                             | Stainless Steel 304 |
| 130.1     | Shaft                                                       | Stainless Steel 304 |
| 133.1.G   | Shaft Sleeve for Gland Packing                              | Stainless Steel 304 |
| 133.1.M   | Shaft Sleeve for Mechanical Sealing                         | Stainless Steel 304 |
| 134.1     | Impeller Nut                                                | Stainless Steel 304 |
| 135       | Key for Impeller                                            | Stainless Steel 304 |
| 136       | Shaft End Key                                               | Stainless Steel 304 |
| 200.A     | Mechanical Seal                                             | Carbon vs. Ceramic  |
| 201       | Packing                                                     | Asbestos            |
| 212.1.G   | Stuffing Box Cover for Gland Packing                        | Stainless Steel 304 |
| 212.1.M   | Stuffing Box Cover for Mechanical Sealing                   | Stainless Steel 304 |
| 212.1.M/G | Stuffing Box Cover for Mechanical Sealing and Gland Packing | Stainless Steel 304 |
| 213.1     | Gland                                                       | Stainless Steel 304 |
| 214.1     | End Ring                                                    | Stainless Steel 304 |
| 215.1     | Seal Cover                                                  | Stainless Steel 304 |

| Part No. | Description                | Standard Material   |
|----------|----------------------------|---------------------|
| 221*     | Adaptor Extension Ring     | Cast Iron           |
| 301      | Bearing Bracket            | Cast Iron           |
| 310      | Bearing                    | Steel               |
| 320      | Bearing Cover              | Cast Iron           |
| 321      | Oil Seal                   | Synthetic Rubber    |
| 330      | Oil Cover                  | Aluminium Alloy     |
| 331      | Oil Gauge                  | Plastic Threaded    |
| 400      | Bearing Bracket Drain Plug | Galvanise Steel     |
| 401.1    | Casing Drain Plug          | Stainless Steel 304 |
| 402.1    | Venting Plug               | Stainless Steel 304 |
| 410      | Support Foot               | Cast Iron           |
| 423      | Shaft Sleeve "O" Ring      | Synthetic Rubber    |
| 430      | Bearing Cover Gasket       | Asbestos Sheet      |
| 431      | Stuffing Box Cover Gasket  | P.T.F.E.            |
| 438      | Seal Cover Gasket          | Asbestos Sheet      |
| 440      | Deflector                  | Synthetic Rubber    |

\* For all models except 32-130, 40-130, 50-130, 65-130, 65-160, 80-160, 100-260, 125-260, 125-320, 125-400 and models with discharge diameter 150mm

## SRM ( CLOSE-COUPLED )

Applicable Models : All models except 80-400, 100-400, 125-320, 125-400 and models with discharge diameter 150mm  
Applicable Motor Sizes : 80M, 90S, 90L, 100L, 112M, 132S, 132M, 160M, 160L, 180M and 180L



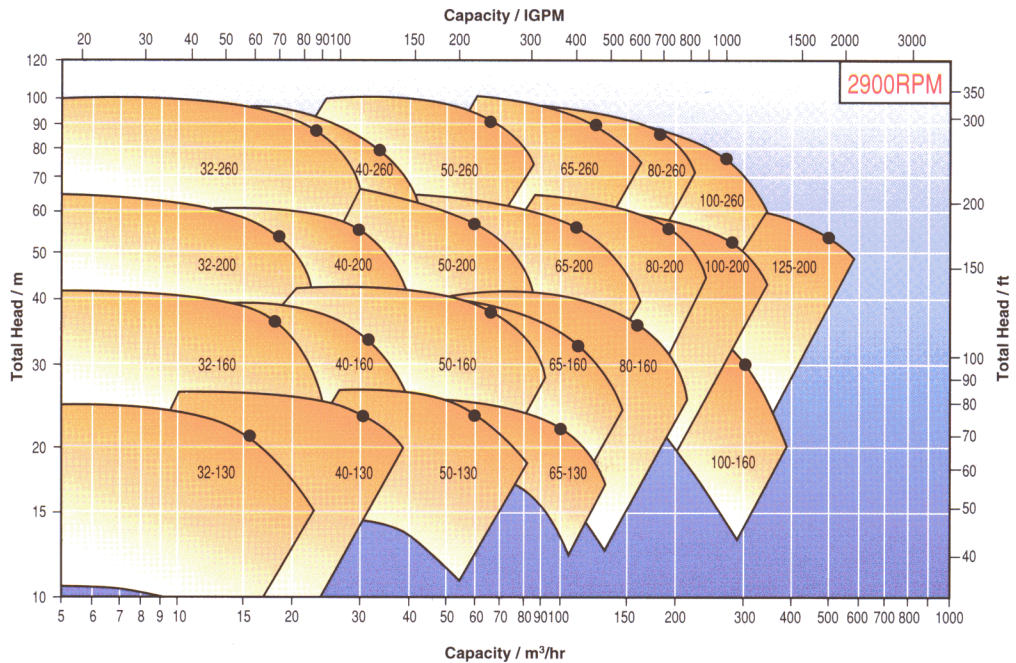
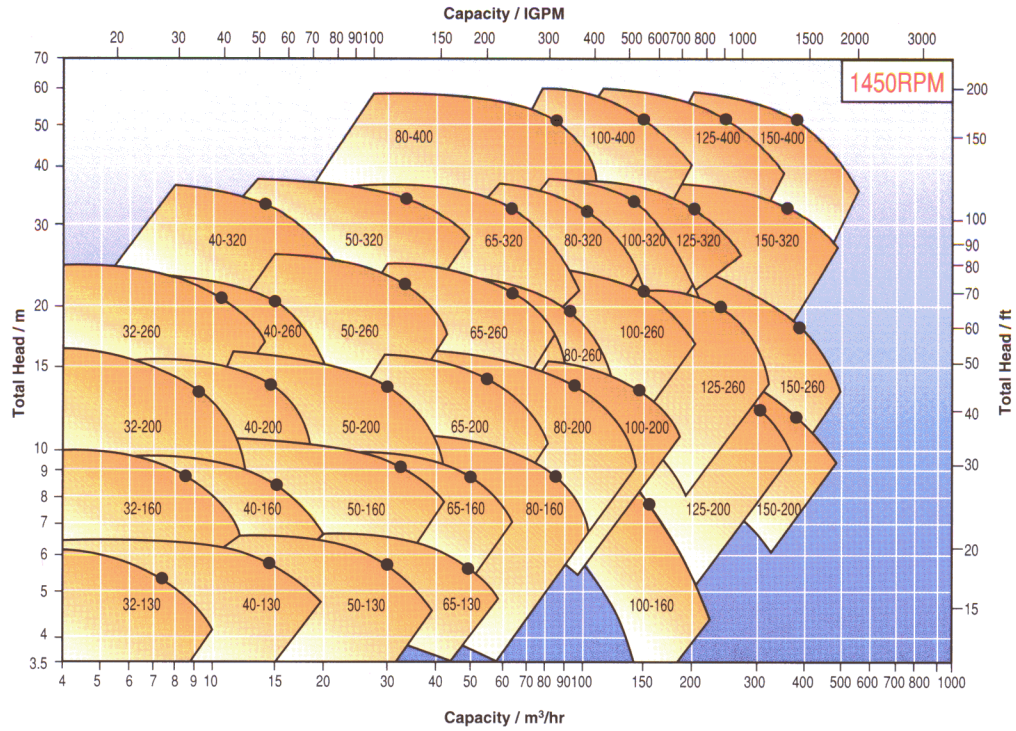
| Part No. | Description                               | Standard Material   |
|----------|-------------------------------------------|---------------------|
| 100.1.C  | Casing for Closed Impeller                | Stainless Steel 304 |
| 120.1.C  | Closed Impeller                           | Stainless Steel 304 |
| 132.1    | Motor Extension Shaft                     | Stainless Steel 304 |
| 133.1.M  | Shaft Sleeve for Mechanical Sealing       | Stainless Steel 304 |
| 134.1    | Impeller Nut                              | Stainless Steel 304 |
| 135      | Key for Impeller                          | Stainless Steel 304 |
| 200.A    | Mechanical Seal                           | Carbon vs. Ceramic  |
| 212.1.M  | Stuffing Box Cover for Mechanical Sealing | Stainless Steel 304 |

| Part No. | Description                  | Standard Material   |
|----------|------------------------------|---------------------|
| 220      | Frame Adaptor                | Cast Iron           |
| 221*     | Adaptor Extension Ring       | Cast Iron           |
| 225**    | Motor Adaptor Extension Ring | Cast Iron           |
| 401.1    | Casing Drain Plug            | Stainless Steel 304 |
| 402.1    | Venting Plug                 | Stainless Steel 304 |
| 431      | Stuffing Box Cover Gasket    | P.T.F.E.            |
| 464      | Jam Nut                      | Stainless Steel 304 |
| 501      | Flange-Mounted Motor         | -                   |

\* For all applicable models except 32-130, 40-130, 50-130, 65-130, 32-160, 40-160, 50-160, 65-160 and 80-160

\*\* For all applicable motor sizes except 80M, 90S and 90L

# KS-SR PUMP SELECTION CHART



Curve for reference only. For final selection refer to individual pump curve.  
Black dots on curves show best efficiency points.

**KEWPUMP®**

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