



# ITT

# Lowara

| FHF - SHF size 25 - 32 - 40 50 Hz<br>Impeller Dimensions |                 |            |              |          | ST-G50 / FHF - SHF    |    | Page | 1/6 |
|--|-----------------|------------|--------------|----------|-----------------------|----|------|-----|
|  |                 |            |              |          | Issue 1st: March 2001 |    | Rev. |     |
| Pump Type  | Power, Rated kW |            | Impeller P/N | Material | Dimensions ( mm )     |    |      |     |
|  | 2P              | 4P         |              |          | D2                    | D1 | b2   | Dm  |
| FHF/SHF : 32-125/119                                     | 0,75            | 0,25       | 150783100    | A316L    | 119                   | S2 | 3,35 | 18  |
| FHF/SHF : 32-125/136 (SHF 25                             | 1,1             | 0,25       | 150783200    | A316L    | 136                   | S2 | 3,2  | 18  |
| FHF/SHF : 32-160/150 (SHF 25                             | 1,5             | 0,25       | 150783300    | A316L    | 150                   | S2 | 3,15 | 18  |
| FHF/SHF : 32-160/164 (SHF 25                             | 2,2             | 0,37       | 150783400    | A316L    | 164                   | S2 | 3,1  | 18  |
| -  | 5,5             | 0,75       | 150783455    | A316L    | 177                   | S2 | 2,5  | 18  |
| FHF/SHF : 32-200/188 (SHF 25                             | 3 - 4           | 0,37       | 150783500    | A316L    | 188                   | S2 | 2,4  | 18  |
| -  | 5,5             | 0,75       | 150783505    | A316L    | 188                   | S2 | 2,4  | 18  |
| -  | 7,5             | 1,1        | 150783555    | A316L    | 200                   | S2 | 2,4  | 18  |
| FHF/SHF : 32-200/204 (SHF 25                             | 4               | 0,55       | 150783600    | A316L    | 204                   | S2 | 2,35 | 18  |
| Impeller 32-200/222                                      | 5,5             | 0,75       | 150783700    | A316L    | 222                   | S2 | 2,25 | 18  |
| FHF/SHF : 32-200/242 (SHF 25                             | 7,5             | 1,1        | 150783750    | A316L    | 242                   | S2 | 2,15 | 18  |
| Impeller 32-250/256                                      | 11              | 1,5        | 150783800    | A316L    | 256                   | S2 | 2,1  | 18  |
| FHF/SHF : 40-125/112                                     | 1,1             | 0,25       | 150784050    | A316L    | 108                   | S2 | 8,3  | 18  |
| FHF/SHF : 40-125/122                                     | 1,5             | -          | 150784100    | A316L    | 122                   | S2 | 7,3  | 18  |
| FHF/SHF : 40-125/135                                     | -               | 0,25       | 150784130    | A316L    | 135                   | S2 | 6,9  | 18  |
| FHF/SHF : 40-125/143                                     | 2,2             | 0,25 - 0,3 | 150784150    | A316L    | 143                   | S2 | 6,5  | 18  |
| FHF/SHF : 40-160/159                                     | 3               | 0,37       | 150784300    | A316L    | 159                   | S2 | 5,9  | 18  |
| FHF/SHF : 40-160/171                                     | 4               | 0,55       | 150784350    | A316L    | 171                   | S2 | 5,5  | 18  |
| FHF/SHF : 40-200/190                                     | 5,5             | 0,75       | 150784450    | A316L    | 190                   | S2 | 4,7  | 18  |
| FHF/SHF : 40-200/209                                     | 7,5             | 1,1        | 150784500    | A316L    | 209                   | S2 | 4,4  | 18  |
| FHF/SHF : 40-250/218                                     | 9,2 - 11        | 1,1        | 150784780    | A316L    | 218                   | S2 | 4,65 | 18  |
| FHF/SHF : 40-250/233                                     | 11              | 1,5        | 150784800    | A316L    | 233                   | S2 | 4,4  | 18  |
| FHF/SHF : 40-250/251                                     | 15              | 2,2        | 150784850    | A316L    | 251                   | S3 | 4,25 | 24  |
| FHF/SHF : 50-125/119                                     | 2,2             | 0,37       | 150785100    | A316L    | 119                   | S2 | 13,3 | 18  |
| FHF/SHF : 50-125/130                                     | 3               | 0,37       | 150785150    | A316L    | 130                   | S2 | 13   | 18  |
| FHF/SHF : 50-125/139                                     | 4               | 0,55       | 150785200    | A316L    | 139                   | S2 | 11,8 | 18  |
| FHF/SHF : 50-160/158                                     | 5,5             | 0,75       | 150785300    | A316L    | 158                   | S2 | 10,4 | 18  |
| FHF/SHF : 50-160/174                                     | 7,5             | 1,1        | 150785350    | A316L    | 174                   | S2 | 9,4  | 18  |
| FHF/SHF : 50-200/197                                     | 9,2             | 1,1        | 150785500    | A316L    | 197                   | S2 | 7,8  | 18  |
| FHF/SHF : 50-200/209                                     | 11              | 1,5        | 150785550    | A316L    | 209                   | S2 | 6,9  | 18  |
| FHF/SHF : 50-250/224                                     | 15              | 2,2        | 150785700    | A316L    | 224                   | S3 | 6,95 | 24  |
| FHF/SHF : 50-250/237                                     | 18,5            | 2,2        | 150785750    | A316L    | 237                   | S3 | 6,6  | 24  |
| FHF/SHF : 50-250/250                                     | 22              | 3          | 150785800    | A316L    | 250                   | S3 | 6,1  | 24  |
| Impeller 65-160/113                                      | -               | -          | 150786030    | A316L    | 113x104.5             | S2 | 23   | 18  |
| SHF : 65-160/119   | 4               | 0,55       | 150786050    | A316L    | 119.5x114.5           | S2 | 23   | 18  |
| FHF : 65-125/121   | 4               | 0,55       | 150786100    | A316L    | 121x116               | S2 | 23   | 18  |
| FHF : 65-125/129   | 5,5             | 0,75       | 150786150    | A316L    | 129                   | S2 | 23   | 18  |
| SHF : 65-160/129   | 5,5             |            | 150786150    | A316L    | 129                   | S2 | 23   | 18  |
| SHF : 65-160/137   | 7,5             |            | 150786190    | A316L    | 137                   | S2 | 23   | 18  |
| FHF/SHF : 65-160/140                                     | 7,5             | 1,1        | 150786200    | A316L    | 139,5                 | S2 | 23   | 18  |

  

|    |     |                           |            |                        |
|----|-----|---------------------------|------------|------------------------|
| D2 | --> | - Imp. OUTside Blade Dia. | <b>USA</b> | <b>EUROPE</b>          |
| b2 | --> | - MINimum Blade Height    | A316L      | S.S. 1.4404 EN 10088-1 |
| D1 | --> | - Imp. EYE Dia.           |            |                        |
| Dm | --> | - Hub INTernal Dia        |            |                        |



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| FHF - SHF size 65 - 80 50 Hz<br>Impeller Dimensions |                 |      |   |          |                             | ST-G50 / FHF - SHF    |    | Page 2/6 |    |
|---|-----------------|------|---|----------|-----------------------------|-----------------------|----|----------|----|
|   |                 |      |   |          |                             | Issue 1st: March 2001 |    | Rev.     |    |
| Pump Type   | Power, Rated kW |      | Impeller P/N<br>Cast steel<br>Cast iron | Material | Impeller P/N<br>Cast bronze | Dimensions ( mm )     |    |          |    |
|   | 2P              | 4P   |   |          |                             | D2                    | D1 | b2       | Dm |
| SHF : 65-160/168                                    | 11              | 1,1  | 160703080                               | CF8M     |                             | 168                   | S2 | 21,3     | 18 |
| SHF : 65-160/177                                    | 11              | 1,5  | 160703100                               | CF8M     |                             | 177                   | S3 | 20,35    | 24 |
| SHF : 65-200/187                                    |                 | 1,5  | 160701860                               | CF8M     |                             | 187                   | S3 | 19,7     | 24 |
| SHF : 65-200/192                                    | 15              | 0,75 | 160703110                               | CF8M     |                             | 192                   | S3 | 19,4     | 24 |
| SHF : 65-200/203                                    | 18,5            | 2,2  | 160701870                               | CF8M     |                             | 203                   | S3 | 18,8     | 24 |
| SHF : 65-200/215                                    | 22              | -    | 160703113                               | CF8M     |                             | 215                   | S3 | 18,2     | 24 |
| SHF : 65-200/222                                    | -               | 3    | 160701880                               | CF8M     |                             | 222                   | S3 | 17,8     | 24 |
| SHF : 65-250/240                                    | 30              | 4    | 160701900                               | CF8M     |                             | 240                   | S4 | 16,9     | 29 |
| SHF : 65-250/255                                    | 37              | 5,5  | 160702210                               | CF8M     |                             | 255                   | S4 | 16,1     | 29 |
| SHF : 80-160/169                                    | 11              | 1,5  | 160703120                               | CF8M     |                             | 169x15°               | S3 | 29,5     | 24 |
| SHF : 80-160/177                                    | 15              | 2,2  | 160703140                               | CF8M     |                             | 177                   | S3 | 28       | 24 |
| SHF : 80-160/186                                    | 18,5            | 2,2  | 160703160                               | CF8M     |                             | 186                   | S3 | 26,8     | 24 |
| SHF : 80-200/198                                    | 22              | 3    | 160703180                               | CF8M     |                             | 198                   | S3 | 25,9     | 24 |
| SHF : 80-200/215                                    | 30              |      | 160702220                               | CF8M     |                             | 215                   | S4 | 24,8     | 29 |
| SHF : 80-200/220                                    | -               | 4    | 160703200                               | CF8M     |                             | 220                   | S3 | 24,6     | 24 |
| SHF : 80-200/226                                    | 37              | -    | 160702240                               | CF8M     |                             | 226                   | S4 | 24,1     | 29 |
| SHF : 80-250/237                                    | 45              | 5,5  | 160701950                               | CF8M     |                             | 237                   | S4 | 23,5     | 29 |
| SHF : 80-250/252                                    | 55              | 7,5  | 160701960                               | CF8M     |                             | 252                   | S4 | 22,6     | 29 |
| SHF : 80-250/270                                    | 75              | 9,2  | 160701970                               | CF8M     |                             | 270                   | S4 | 21,5     | 29 |
| FHF : 65-160/161                                    | 11              | 1,1  | 160751470                               | Class25  | 160720410                   | 161                   | S2 | 18,9     | 18 |
| FHF : 65-160/168                                    | 11              | 1,5  | 160751480                               | Class25  | 160720460                   | 168                   | S3 | 18,5     | 24 |
| Impeller 65-200/177                                 | -               | 1,5  | 160751630                               | Class25  | 160720500                   | 177                   | S3 | 15,8     | 24 |
| FHF : 65-160/178                                    | 15              | 2,2  | 160751490                               | Class25  | 160720470                   | 178                   | S3 | 18,1     | 24 |
| FHF : 65-200/180                                    | 11              | 1,5  | 160751500                               | Class25  | 160720510                   | 180                   | S3 | 15,6     | 24 |
| FHF : 65-200/187                                    | 15              | 1,5  | 160751510                               | Class25  | 160720520                   | 187                   | S3 | 15,2     | 24 |
| FHF : 65-200/198                                    | 18,5            | 2,2  | 160751520                               | Class25  | 160720530                   | 198                   | S3 | 14,5     | 24 |
| FHF : 65-200/210                                    | 22              | 3    | 160751530                               | Class25  | 160720540                   | 210                   | S3 | 13,9     | 24 |
| FHF : 65-200/205                                    | 30              | 4    | 160751571                               | Class25  | 160720570                   | 205                   | S3 | 14,1     | 24 |
| FHF : 65-250/220                                    | 22              | 3    | 160751540                               | Class25  | 160720580                   | 220                   | S3 | 13,5     | 24 |
| FHF : 65-250/241                                    | 30              | 4    | 160751550                               | Class25  | 160720590                   | 241                   | S3 | 12,7     | 24 |
| FHF : 65-250/258                                    | 37              | 5,5  | 160751560                               | Class25  | 160720600                   | 258                   | S3 | 12       | 24 |
| FHF : 80-160/152                                    | 11              | -    | 160751250                               | Class25  | 160720680                   | 152                   | S3 | 29,1     | 24 |
| FHF : 80-160/160                                    | -               | 1,5  | 160751260                               | Class25  | 160720700                   | 160                   | S3 | 28,3     | 24 |
| FHF : 80-160/163                                    | 15              | -    | 160751270                               | Class25  | 160720710                   | 163                   | S3 | 28       | 24 |
| FHF : 80-160/173                                    | 18,5            | 2,2  | 160751280                               | Class25  | 160720720                   | 173                   | S3 | 27       | 24 |
| FHF : 80-200/189                                    | 22              | 3    | 160751290                               | Class25  | 160720780                   | 189                   | S3 | 21,5     | 24 |
| FHF : 80-200/207                                    | 30              | 4    | 160751300                               | Class25  | 160720790                   | 207                   | S3 | 20,2     | 24 |
| FHF : 80-250/194                                    | -               | -    | 160751650                               | Class25  | 160720820                   | 194                   | S3 | 18,8     | 24 |
| FHF : 80-250/204                                    | -               | -    | 160751670                               | Class25  | 160720840                   | 204                   | S3 | 22,5     | 24 |
| FHF : 80-250/225                                    | 37              | -    | 160751320                               | Class25  | 160720870                   | 225                   | S3 | 17       | 24 |
| FHF : 80-250/238                                    | 45              | 5,5  | 160751330                               | Class25  | 160720900                   | 238                   | S4 | 16,3     | 29 |
| FHF : 80-250/256                                    | 55              | 7,5  | 160751340                               | Class25  | 160720910                   | 256                   | S4 | 15,2     | 29 |

  

|    |     |                           |            |                          |
|----|-----|---------------------------|------------|--------------------------|
| D2 | --> | - Imp. OUTside Blade Dia. | <b>USA</b> | <b>EUROPE</b>            |
| b2 | --> | - MINimum Blade Height    | CF8M       | S.S. 1.4408 EN 10213-4   |
| D1 | --> | - Imp. EYE Dia.           | Class 25   | Cast iron JL1030 EN 1561 |
| Dm | --> | - Hub INTERNAL Dia        | C90700     | Bronze CC480K EN 1982    |



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| FHF size 65 - 80 - 100 50 Hz<br>Impeller Dimensions |                 |      |                           |                             | ST-G50 / FHF          |     | Page 3/6          |    |
|---|-----------------|------|---------------------------|-----------------------------|-----------------------|-----|-------------------|----|
|   |                 |      |                           |                             | Issue 1st: March 2009 |     | Last issue : Rev. |    |
| Pump Type   | Power, Rated kW |      | Impeller P/N<br>Cast iron | Impeller P/N<br>Cast bronze | Dimensions ( mm )     |     |                   |    |
|   | 2P              | 4P   |                           |                             | D2                    | D1  | b2                | Dm |
| FHF 65-315/236                                      |                 | 4    | 76015001F                 | 76012001F                   | 236                   |     |                   | 32 |
| FHF 65-315/256                                      |                 | 5,5  | 76015001E                 | 76012001E                   | 256                   |     |                   | 32 |
| FHF 65-315/277                                      |                 | 7,5  | 76015001D                 | 76012001D                   | 277                   |     |                   | 32 |
| FHF 65-315/295                                      |                 | 11   | 76015001B                 | 76012001B                   | 295                   |     |                   | 32 |
| FHF 65-315/310                                      |                 | 11   | 76015001A                 | 76012001A                   | 310                   |     |                   | 32 |
| Impeller 65-315/312                                 |                 | tbd  | 760150010                 | 760120010                   |                       | 312 |                   | 32 |
| FHF 80-315/244                                      |                 | 5,5  | 76015002E                 | 76012002E                   | 244                   |     |                   | 32 |
| FHF 80-315/266                                      |                 | 7,5  | 76015002D                 | 76012002D                   | 266                   |     |                   | 32 |
| FHF 80-315/291                                      |                 | 11   | 76015002C                 | 76012002C                   | 291                   |     |                   | 32 |
| FHF 80-315/316                                      |                 | 15   | 76015002B                 | 76012002B                   | 316                   |     |                   | 32 |
| Impeller 80-315/322                                 |                 | 18,5 | 760150020                 | 760120020                   |                       | 322 |                   | 32 |
| FHF 80-400/339                                      |                 | 18,5 | 76015003C                 | 76012003C                   | 339                   |     |                   | 42 |
| FHF 80-400/355                                      |                 | 22   | 76015003B                 | 76012003B                   | 355                   |     |                   | 42 |
| FHF 80-400/391                                      |                 | 30   | 76015003A                 | 76012003A                   | 391                   |     |                   | 42 |
| Impeller 80-400/396                                 |                 | tbd  | 760150030                 | 760120030                   |                       | 396 |                   | 42 |
| FHF 100-160/141                                     |                 | 2,2  | 76015004D                 | 76012004D                   | 141C                  |     |                   | 32 |
| FHF 100-160/150                                     | 18,5            |      | 76015004C                 | 76012004C                   | 150C                  |     |                   | 32 |
| FHF 100-160/165                                     | 22              | 3    | 76015004B                 | 76012004B                   | 165C                  |     |                   | 32 |
| FHF 100-160/185                                     | 30              | 4    | 760150040                 | 760120040                   |                       | 185 |                   | 32 |
| FHF 100-200/165                                     |                 | 2,2  | 76015005F                 | 76012005F                   | 165A                  |     |                   | 32 |
| FHF 100-200/168                                     | 18,5            |      | 76015005E                 | 76012005E                   | 168A                  |     |                   | 32 |
| FHF 100-200/176                                     |                 | 3    | 76015005D                 | 76012005D                   | 176A                  |     |                   | 32 |
| FHF 100-200/192                                     | 30              | 4    | 76015005C                 | 76012005C                   | 192A                  |     |                   | 32 |
| FHF 100-200/203                                     | 37              |      | 76015005A                 | 76012005A                   | 203                   |     |                   | 32 |
| FHF 100-200/213                                     | 45              | 5,5  | 760150050                 | 760120050                   |                       | 213 |                   | 32 |
| FHF 100-250/200                                     | 30              | 4    | 76015006G                 | 76012006G                   | 200                   |     |                   | 32 |
| FHF 100-250/221                                     | 45              | 5,5  | 76015006E                 | 76012006E                   | 221                   |     |                   | 32 |
| FHF 100-250/235                                     | 55              |      | 76015006D                 | 76012006D                   | 235                   |     |                   | 32 |
| FHF 100-250/242                                     |                 | 7,5  | 76015006C                 | 76012006C                   | 242                   |     |                   | 32 |
| FHF 100-250/254                                     | 75              |      | 76015006B                 | 76012006B                   | 254                   |     |                   | 32 |
| FHF 100-250/267                                     | 90              | 11   | 76015006A                 | 76012006A                   | 267                   |     |                   | 32 |
| Impeller 100-250/270                                |                 | 11   | 760150060                 | 760120060                   |                       | 270 |                   | 32 |
| FHF 100-315/268                                     |                 | 11   | 76015007D                 | 76012007D                   | 268                   |     |                   | 32 |
| FHF 100-315/291                                     |                 | 15   | 76015007C                 | 76012007C                   | 291                   |     |                   | 32 |
| FHF 100-315/305                                     |                 | 18,5 | 76015007B                 | 76012007B                   | 305                   |     |                   | 32 |
| FHF 100-315/319                                     |                 | 22   | 76015007A                 | 76012007A                   | 319                   |     |                   | 32 |
| Impeller 100-315/321                                |                 | tbd  | 760150070                 | 760120070                   |                       | 321 |                   | 32 |
| FHF 100-400/335                                     |                 | 22   | 76015008C                 | 76012008C                   | 335                   |     |                   | 42 |
| FHF 100-400/367                                     |                 | 30   | 76015008B                 | 76012008B                   | 367                   |     |                   | 42 |
| FHF 100-400/388                                     |                 | 37   | 76015008A                 | 76012008A                   | 388                   |     |                   | 42 |
| FHF 100-400/400                                     |                 | 40   | 760150080                 | 760120080                   |                       | 400 |                   | 42 |

  

|    |     |                        |            |                          |
|----|-----|------------------------|------------|--------------------------|
| D2 | --> | - Imp. OUTer Dia.      | <b>USA</b> | <b>EUROPE</b>            |
| b2 | --> | - MINimum Blade Height | Class 35   | Cast iron JL1040 EN 1561 |
| D1 | --> | - Imp. FULL Dia.       | C90700     | Bronze CC480K EN 1982    |
| Dm | --> | - Hub INTERNAL Dia     |            |                          |



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| FHF size 125-150 50 Hz<br>Impeller Dimensions |                 |      |                           |                             | ST-G50 / FHF          |     | Page 4/6 |    |
|---|-----------------|------|---------------------------|-----------------------------|-----------------------|-----|----------|----|
|   |                 |      |                           |                             | Issue 1st: March 2009 |     | Rev.     |    |
| Pump Type                                     | Power, Rated kW |      | Impeller P/N<br>Cast iron | Impeller P/N<br>Cast bronze | Dimensions ( mm )     |     |          |    |
|   | 2P              | 4P   |                           |                             | D2                    | D1  | b2       | Dm |
| FHF 125-200/180                               | 30              | 4    | 76015009F                 | 76012009F                   | 180C                  |     |          | 42 |
| FHF 125-200/194                               | 37              |      | 76015009E                 | 76012009E                   | 194C                  |     |          | 42 |
| FHF 125-200/203                               |                 | 5,5  | 76015009D                 | 76012009D                   | 203C                  |     |          | 42 |
| FHF 125-200/206                               | 45              |      | 76015009C                 | 76012009C                   | 206                   |     |          | 42 |
| FHF 125-200/216                               | 55              | 7,5  | 76015009B                 | 76012009B                   | 216                   |     |          | 42 |
| Impeller 125-200/225                          |                 | 11   | 760150090                 | 760120090                   |                       | 225 |          | 42 |
| FHF 125-250/213                               |                 | 11   | 76015011C                 | 76012011C                   | 213                   |     |          | 32 |
| FHF 125-250/237                               |                 | 11   | 76015011B                 | 76012011B                   | 237                   |     |          | 32 |
| FHF 125-250/257                               |                 | 15   | 76015011A                 | 76012011A                   | 257                   |     |          | 32 |
| FHF 125-250/268                               |                 | 18,5 | 760150110                 | 760120110                   |                       | 268 |          | 32 |
| FHF 125-270/205                               | 55              |      | 76015010G                 | 76012010G                   | 205A                  |     |          | 42 |
| FHF 125-270/224                               | 75              | 7,5  | 76015010E                 | 76012010E                   | 224A                  |     |          | 42 |
| FHF 125-270/237                               | 90              | 11   | 76015010D                 | 76012010D                   | 237                   |     |          | 42 |
| FHF 125-270/253                               | 110             |      | 76015010C                 | 76012010C                   | 253                   |     |          | 42 |
| FHF 125-270/261                               |                 | 15   | 76015010B                 | 76012010B                   | 261                   |     |          | 42 |
| FHF 125-270/266                               | 132             |      | 76015010A                 | 76012010A                   | 266                   |     |          | 42 |
| Impeller 125-270/270                          | 132             |      | 760150100                 | 760120100                   |                       | 270 |          | 42 |
| FHF 125-315/281                               |                 | 18,5 | 76015012C                 | 76012012C                   | 281                   |     |          | 42 |
| FHF 125-315/292                               |                 | 22   | 76015012B                 | 76012012B                   | 292                   |     |          | 42 |
| FHF 125-315/315                               |                 | 30   | 76015012A                 | 76012012A                   | 315                   |     |          | 42 |
| FHF 125-315/325                               |                 | 37   | 760150120                 | 760120120                   |                       | 325 |          | 42 |
| FHF 125-400/307                               |                 | 22   | 76015013E                 | 76012013E                   | 307                   |     |          | 42 |
| FHF 125-400/337                               |                 | 30   | 76015013D                 | 76012013D                   | 337                   |     |          | 42 |
| FHF 125-400/352                               |                 | 37   | 76015013C                 | 76012013C                   | 352                   |     |          | 42 |
| FHF 125-400/375                               |                 | 45   | 76015013B                 | 76012013B                   | 375                   |     |          | 42 |
| FHF 125-400/389                               |                 | 55   | 76015013A                 | 76012013A                   | 389                   |     |          | 42 |
| Impeller 125-400/400                          |                 | tbd  | 760150130                 | 760120130                   |                       | 400 |          | 42 |
| FHF 150-250/234                               |                 | 15   | 76015014C                 | 76012014C                   | 234C                  |     |          | 42 |
| FHF 150-250/258                               |                 | 18,5 | 76015014B                 | 76012014B                   | 258                   |     |          | 42 |
| FHF 150-250/270                               |                 | 22   | 76015014A                 | 76012014A                   | 270                   |     |          | 42 |
| Impeller 150-250/276                          |                 | 30   | 760150140                 | 760120140                   |                       | 276 |          | 42 |
| FHF 150-315/296                               |                 | 30   | 76015015C                 | 76012015C                   | 296                   |     |          | 42 |
| FHF 150-315/308                               |                 | 37   | 76015015B                 | 76012015B                   | 308                   |     |          | 42 |
| FHF 150-315/326                               |                 | 45   | 76015015A                 | 76012015A                   | 326                   |     |          | 42 |
| FHF 150-315/336                               |                 | 55   | 760150150                 | 760120150                   |                       | 336 |          | 42 |
| FHF 150-400/308                               |                 | 30   | 76015016E                 | 76012016E                   | 308                   |     |          | 42 |
| FHF 150-400/329                               |                 | 37   | 76015016D                 | 76012016D                   | 329                   |     |          | 42 |
| FHF 150-400/348                               |                 | 45   | 76015016C                 | 76012016C                   | 348                   |     |          | 42 |
| FHF 150-400/370                               |                 | 55   | 76015016B                 | 76012016B                   | 370                   |     |          | 42 |
| FHF 150-400/392                               |                 | 75   | 76015016A                 | 76012016A                   | 392                   |     |          | 42 |
| FHF 150-400/406                               |                 | 90   | 760150160                 | 760120160                   |                       | 406 |          | 42 |

  

|    |     |                        |            |                          |
|----|-----|------------------------|------------|--------------------------|
| D2 | --> | - Imp. OUTer Dia.      | <b>USA</b> | <b>EUROPE</b>            |
| b2 | --> | - MINimum Blade Height | Class 35   | Cast iron JL1040 EN 1561 |
| D1 | --> | - Imp. FULL Dia.       | C90700     | Bronze CC480K EN 1982    |
| Dm | --> | - Hub INTERNAL Dia     |            |                          |



# ITT

# Lowara

| FHF - SHF size 32 - 40 - 50 - 65 60 Hz<br>Impeller Dimensions |                 |      |              |          | ST-G60 / FHF - SHF    |    | Page 5/6 |    |
|---|-----------------|------|--------------|----------|-----------------------|----|----------|----|
|   |                 |      |              |          | Issue 1st: March 2001 |    | Rev.     |    |
| Pump Type   | Power, Rated kW |      | Impeller P/N | Material | Dimensions ( mm )     |    |          |    |
|   | 2P              | 4P   |              |          | D2                    | D1 | b2       | Dm |
| Impeller 32-125/116   | 1,1             | -    | 150783050    | A316L    | 116                   | S2 | 3,7      | 18 |
| FHF-SHF : 32-125/119  | -               | 0,25 | 150783100    | A316L    | 119                   | S2 | 3,35     | 18 |
| Impeller 32-160/130]  | 1,5             | -    | 150783150    | A316L    | 130                   | S2 | 3,3      | 18 |
| FHF-SHF : 32-160/136 (SHF 25)                                 | -               | 0,25 | 150783200    | A316L    | 136                   | S2 | 3,2      | 18 |
| Impeller 32-160/145   | 2,2             | -    | 150783270    | A316L    | 145                   | S2 | 3,19     | 18 |
| FHF-SHF : 32-160/150 (SHF 25)                                 | -               | 0,37 | 150783300    | A316L    | 150                   | S2 | 3,15     | 18 |
| Impeller 32   | 5,5             | 0,75 | 150783305    | A316L    | 150                   | S2 | 3,15     | 18 |
| Impeller 32-200/167   | 3               | 0,37 | 150783340    | A316L    | 162                   | S2 | 3,13     | 18 |
| Impeller 32   | 7,5             | 1,1  | 150783355    | A316L    | 164                   | S2 | 3,15     | 18 |
| FHF-SHF : 32-200/177  | 4               | 0,55 | 150783450    | A316L    | 177                   | S2 | 2,5      | 18 |
| Impeller 32   | -               | 1,1  | 150783455    | A316L    | 177                   | S2 | 2,5      | 18 |
| FHF - SHF : 32-200/188  | 5,5             | -    | 150783500    | A316L    | 188                   | S2 | 2,4      | 18 |
| Impeller 32   | -               | 0,75 | 150783550    | A316L    | 195                   | S2 | 2,4      | 18 |
| FHF-SHF: 32-200/204 (SHF 25)                                  | 7,5             | -    | 150783600    | A316L    | 204                   | S2 | 2,35     | 18 |
| Impeller 32-250/214   | -               | 1,1  | 150783650    | A316L    | 214                   | S2 | 2,3      | 18 |
| SHF : 32-250/222  | 11              | 1,5  | 150783700    | A316L    | 222                   | S2 | 2,25     | 18 |
| Impeller 40-125/108   | 1,5             | -    | 150784020    | A316L    | 108                   | S2 | 8,5      | 18 |
| FHF-SHF : 40-125/112  | -               | 0,25 | 150784050    | A316L    | 112                   | S2 | 8,3      | 18 |
| Impeller 40-125/119   | 2,2             | -    | 150784080    | A316L    | 119                   | S2 | 7,8      | 18 |
| FHF-SHF : 40-125/122  | -               | 0,37 | 150784100    | A316L    | 122                   | S2 | 7,3      | 18 |
| FHF-SHF : 40-125/135  | 3               | 0,37 | 150784130    | A316L    | 135                   | S2 | 6,9      | 18 |
| Impeller 40-160/146   | 4               | 0,55 | 150784200    | A316L    | 146                   | S2 | 6,4      | 18 |
| FHF-SHF : 40-200/159  | 5,5             | 0,75 | 150784300    | A316L    | 159                   | S2 | 5,9      | 18 |
| SHF : 40-200/181  | 7,5             | 1,1  | 150784400    | A316L    | 181                   | S2 | 5,2      | 18 |
| Impeller 40-250/187   | 9,2             | 1,1  | 150784670    | A316L    | 187                   | S2 | 5,3      | 18 |
| SHF: 40-250/198   | 11              | 1,5  | 150784710    | A316L    | 198                   | S2 | 5,05     | 18 |
| FHF: 40-250/215   | 15              | -    | 150784830    | A316L    | 215                   | S3 | 4,7      | 24 |
| Impeller 40-250/218   | -               | 2,2  | 150784783    | A316L    | 218                   | S3 | 4,65     | 24 |
| Impeller 50-125/113   | 3               | -    | 150785050    | A316L    | 113                   | S2 | 14,95    | 18 |
| Impeller 50-125/116   | 3               | 0,37 | 150785080    | A316L    | 116                   | S2 | 14,6     | 18 |
| SHF : 50-125/122  | 4               | 0,55 | 150785120    | A316L    | 122                   | S2 | 13       | 18 |
| Impeller 50-160/135   | 5,5             | 0,75 | 150785180    | A316L    | 135                   | S2 | 12,5     | 18 |
| SHF : 50-160/148  | 7,5             | 1,1  | 150785250    | A316L    | 148                   | S2 | 11,3     | 18 |
| FHF-SHF : 50-200/158  | 9,2             | 1,1  | 150785300    | A316L    | 158                   | S2 | 10,4     | 18 |
| FHF-SHF : 50-200/170  | 11              | -    | 150785450    | A316L    | 170                   | S2 | 9,7      | 18 |
| FHF-SHF : 50-160/174  | -               | 1,5  | 150785350    | A316L    | 174                   | S2 | 9,4      | 18 |
| Impeller 50-250/189   | 15              | 2,2  | 150785570    | A316L    | 189                   | S3 | 8        | 24 |
| Impeller 50-250/200   | 18,5            | 2,2  | 150785590    | A316L    | 200                   | S3 | 7,7      | 24 |
| SHF : 50-250/212  | 22              | 2,2  | 150785630    | A316L    | 212                   | S3 | 7,3      | 24 |
| FHF-SHF : 50-250/224  | -               | 3    | 150785700    | A316L    | 224                   | S3 | 6,95     | 24 |

  

|    |     |                           |            |                        |
|----|-----|---------------------------|------------|------------------------|
| D2 | --> | - Imp. OUTside Blade Dia. | <b>USA</b> | <b>EUROPE</b>          |
| b2 | --> | - MINimum Blade Height    | A316L      | S.S. 1.4404 EN 10088-1 |
| D1 | --> | - Imp. EYE Dia.           |            |                        |
| Dm | --> | - Hub INTernal Dia        |            |                        |



# ITT

# Lowara

| FHF - SHF size 65 - 80 60 Hz<br>Impeller Dimensions |                 |      |   |          | ST-G60 / FHF - SHF          |                   | Page                 |       | 6/6  |  |
|---|-----------------|------|---|----------|-----------------------------|-------------------|----------------------|-------|------|--|
|   |                 |      |   |          | Issue 1st: March 2001       |                   | Last issue : March09 |       | Rev. |  |
| Pump Type   | Power, Rated kW |      | Impeller P/N<br>Cast steel<br>Cast iron | Material | Impeller P/N<br>Cast bronze | Dimensions ( mm ) |                      |       |      |  |
|   | 2P              | 4P   |   |          |                             | D2                | D1                   | b2    | Dm   |  |
| SHF : 65-160/146                                    | 9,2             | 1,1  | 160703450                               |          |                             | 146               | S2                   | 25    | 18   |  |
| Impeller 65-160/152                                 | 11              | 1,5  | 160703060                               |          |                             | 152               | S3                   | 23,7  | 24   |  |
| Impeller 65-200/164                                 | 15              | 1,5  | 160703470                               |          |                             | 164               | S3                   | 21,8  | 24   |  |
| Impeller 65-200/175                                 | 18,5            | -    | 160701840                               |          |                             | 175               | S3                   | 20,5  | 24   |  |
| SHF : 65-200/177                                    | 22              | -    | 160703100                               |          |                             | 177               | S3                   | 20,35 | 24   |  |
| Impeller 65-200/183                                 | 22              | -    | 160703480                               |          |                             | 183               | S3                   | 19,8  | 24   |  |
| SHF : 65-200/192                                    | -               | 3    | 160703110                               |          |                             | 192               | S3                   | 19,4  | 24   |  |
| SHF : 65-250/205                                    | 30              | 4    | 160703490                               |          |                             | 205               | S4                   | 18,7  | 29   |  |
| SHF : 65-250/215                                    | 37              | -    | 160701851                               |          |                             | 215               | S4                   | 18,2  | 29   |  |
| SHF : 65-250/223                                    | -               | 5,5  | 160702180                               |          |                             | 223               | S4                   | 17,8  | 29   |  |
| SHF : 80-160/155                                    | 15              | 2,2  | 160703500                               |          |                             | 155x15°           | S3                   | 32,9  | 24   |  |
| Impeller 80-160/164                                 | 18,5            | 2,2  | 160703510                               |          |                             | 164x15°           | S3                   | 30,5  | 24   |  |
| Impeller 80-200/174                                 | 22              | -    | 160703520                               |          |                             | 174x15°           | S3                   | 28,5  | 24   |  |
| SHF : 80-200/177                                    | -               | 3    | 160703140                               |          |                             | 177               | S3                   | 28    | 24   |  |
| Impeller 80-160/186                                 | -               | 4    | 160703160                               |          |                             | 186               | S3                   | 26,8  | 24   |  |
| Impeller 80-200/186                                 | 30              | -    | 160703530                               |          |                             | 186               | S4                   | 26,8  | 29   |  |
| SHF : 80-200/193                                    | 37              | -    | 160703540                               |          |                             | 193               | S4                   | 26,2  | 29   |  |
| SHF : 80-250/201                                    | 45              | 5,5  | 160701920                               |          |                             | 201               | S4                   | 25,75 | 29   |  |
| SHF : 80-200/215                                    | 55              | -    | 160702220                               |          |                             | 215               | S4                   | 24,8  | 29   |  |
| SHF : 80-250/226                                    | 75              | -    | 160702240                               |          |                             | 226               | S4                   | 24,1  | 29   |  |
| SHF : 80-250/237                                    | 75              | 9,2  | 160701950                               |          |                             | 237               | S4                   | 23,5  | 29   |  |
| Impeller 65-160R/113                                | 5,5             | 0,75 | 150786030                               |          |                             | 113x104.5         | S2                   | 23    | 18   |  |
| FHF : 65-125/121                                    | 7,5             | 1,1  | 150786100                               |          |                             | 121x116           | S2                   | 23    | 18   |  |
| Impeller 65-160/138                                 | 9,2             | 1,1  | 160751450                               | Class 25 | 160720400                   | 138               | S2                   | 20,8  | 18   |  |
| FHF : 65-160/146                                    | 11              | 1,5  | 160751463                               | Class 25 | 160720430                   | 146               | S3                   | 20    | 24   |  |
| Impeller 65-160/156                                 | 15              | 2,2  | 160751468                               | Class 25 | 160720440                   | 156               | S3                   | 17,3  | 24   |  |
| FHF : 65-200/168                                    | 18,5            | 2,2  | 160751620                               | Class 25 | 160720490                   | 168               | S3                   | 16,3  | 24   |  |
| Impeller 65-200/177                                 | 22              | -    | 160751630                               | Class 25 | 160720500                   | 177               | S3                   | 15,8  | 24   |  |
| Impeller 65-200/180                                 | -               | 3    | 160751500                               | Class 25 | 160720510                   | 180               | S3                   | 15,6  | 24   |  |
| Impeller 65-250/188                                 | 22              | 3    | 160751600                               | Class 25 | 160720560                   | 188               | S3                   | 14,9  | 24   |  |
| Impeller 65-250/205                                 | -               | 4    | 160751571                               | Class 25 | 160720570                   | 205               | S3                   | 14,1  | 24   |  |
| FHF : 65-250/220                                    | -               | 5,5  | 160751540                               | Class 25 | 160720580                   | 220               | S3                   | 13,5  | 24   |  |
| Impeller 80-160/143                                 | -               | 1,5  | 160751255                               | Class 25 | 160720650                   | 143x12°           | S3                   | 30,4  | 24   |  |
| Impeller 80-160/147                                 | 15              | -    | 160751257                               | Class 25 | 160720670                   | 147x12°           | S3                   | 29,7  | 24   |  |
| FHF : 80-160/152                                    | -               | 2,2  | 160751250                               | Class 25 | 160720680                   | 152               | S3                   | 29,1  | 24   |  |
| Impeller 80-160/155                                 | 18,5            | -    | 160751251                               | Class 25 | 160720690                   | 155x12°           | S3                   | 28,7  | 24   |  |
| Impeller 80-200/162                                 | 22              | 3    | 160751282                               | Class 25 | 160720740                   | 162               | S3                   | 23,7  | 24   |  |
| FHF : 80-200/175                                    | 30              | 4    | 160751380                               | Class 25 | 160720750                   | 175               | S3                   | 18,2  | 24   |  |
| Impeller 80-250/185                                 | -               | 4    | 160751690                               | Class 25 | 160720810                   | 185               | S3                   | 19,3  | 24   |  |
| FHF : 80-250/194                                    | 37              | -    | 160751650                               | Class 25 | 160720820                   | 194               | S3                   | 18,8  | 24   |  |
| FHF : 80-250/204                                    | 45              | 5,5  | 160751670                               | Class 25 | 160720840                   | 204               | S4                   | 22,5  | 29   |  |
| Impeller 80-250/217                                 | 55              | 7,5  | 160751315                               | Class 25 | 160720850                   | 217               | S4                   | 17,4  | 29   |  |

  

|    |     |                         |          |                          |
|----|-----|-------------------------|----------|--------------------------|
| D2 | --> | - Imp OUTside Blade Dia | USA      | EUROPE                   |
| b2 | --> | - MINimum Blade Heigh!  | CF8M     | S.S. 1.4408 EN 10213-4   |
| D1 | --> | - Imp EYE Dia           | Class 25 | Cast iron JL1030 EN 1561 |
| Dm | --> | - Hub INTernal Dic      | C90700   | Bronze CC480K EN 1982    |