

Pioneering for You

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Wilo Philippines

## Wilo-Split Case Pump

Pumps and Pump Systems for  
Building Services, Industry and Water Management



# GREEN SOLUTIONS FOR A BETTER CLIMATE.



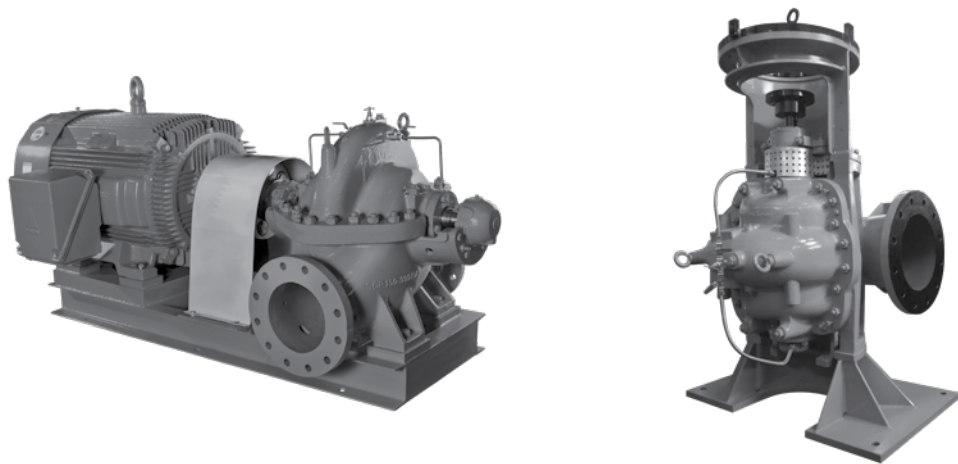




# Split Case Pumps/ Vertical Split Case Pumps

SCP/SCPV Series

## SCP/SCPV Series



### Application

Air conditioning, building service, circulation, fire fighting, irrigation, paper facilities, chemicals, ships, general water purification.

### Product Features

- High-efficiency impeller through 3D flow analysis
- High suction performance by low NPSHr design
- Easy casing inspection and maintenance with casing horizontal split structure.
- Easy installation of space by minimizing installation area.
- Bearing has sufficient life with grease lubrication structure, and is easy to operate and maintain.

### Pump Specifications

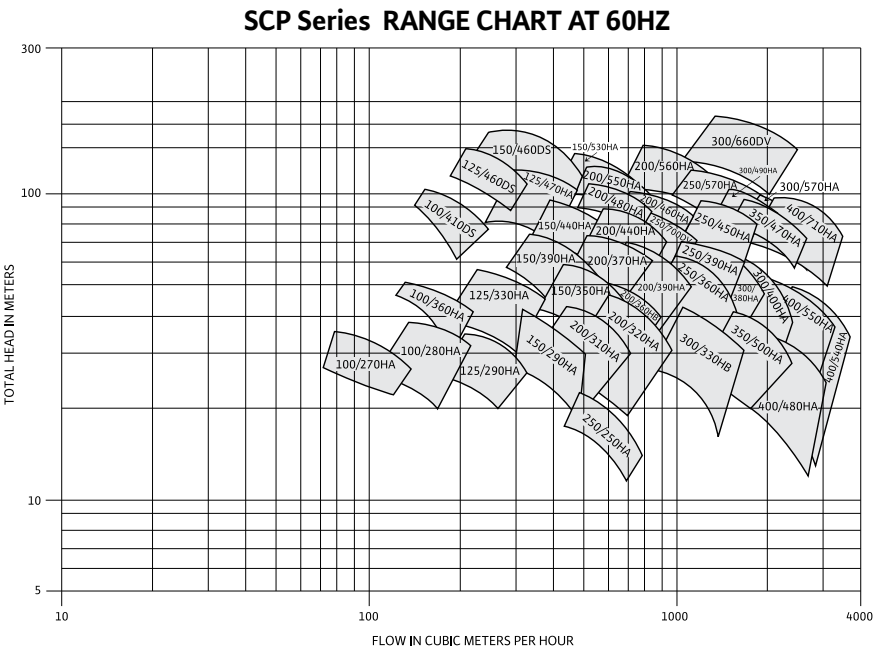
#### Performance Specifications Table

|                         |                       |
|-------------------------|-----------------------|
| Max. flow               | 3500m <sup>3</sup> /h |
| Max. head               | 230m                  |
| Discharge diameter      | 100mm~400mm           |
| Max. allowable pressure | 16bar (25bar)         |
| Max. Operating Temp.    | 80°C                  |

#### Material Specification Table

|                 |                                      |
|-----------------|--------------------------------------|
| Casing          | Cast Iron/Cast Steel/Stainless Steel |
| Impeller        | CAC406/GC200/Stainless Steel         |
| Shaft           | Steel                                |
| Sleeve          | Stainless Steel                      |
| Bearing Housing | Cast Iron                            |
| Casing ring     | Bronze                               |

### Range Chart



# Split Case Pumps/ Vertical Split Case Pumps

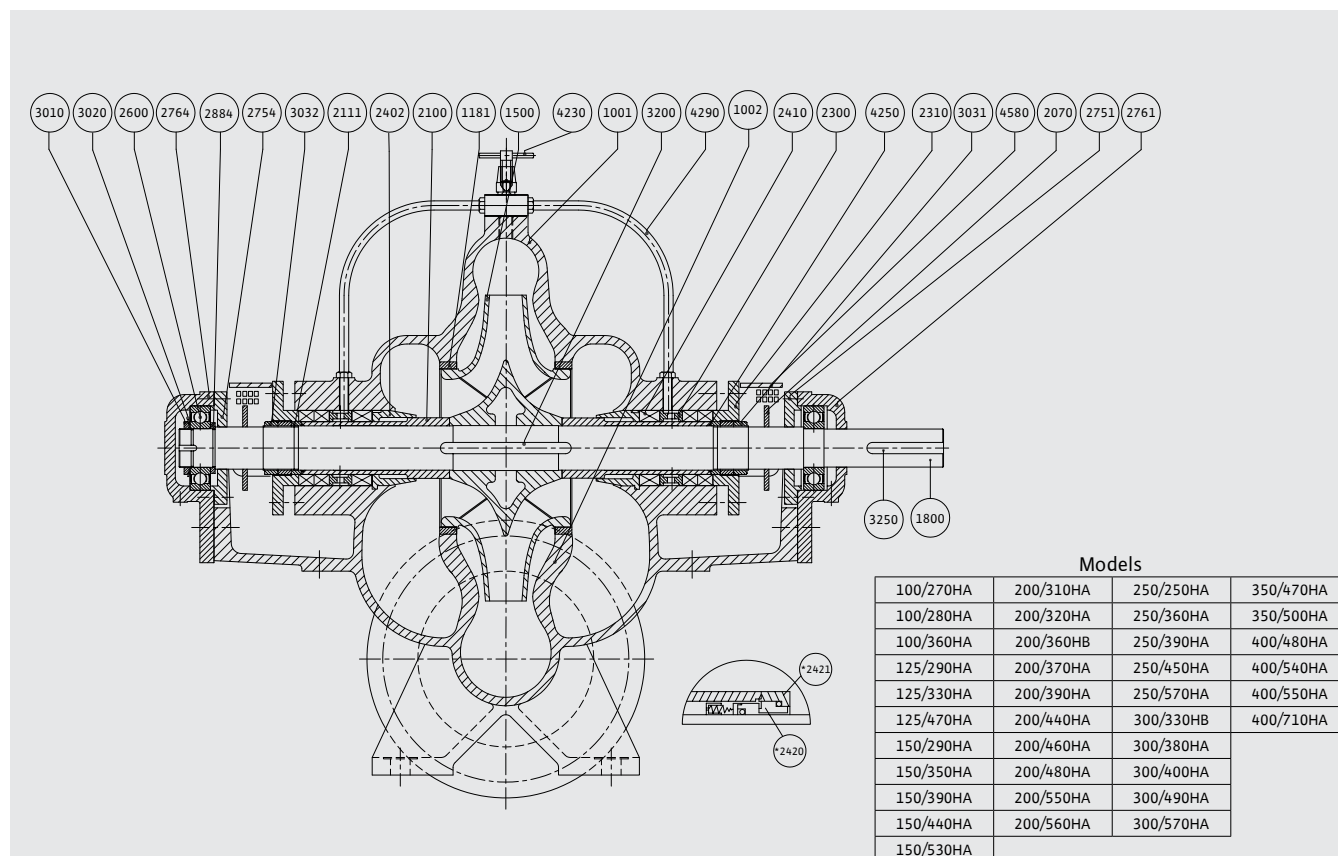
SCP/SCPV Series

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## SCP/SCPV Series

### Sectional Drawing

Single stage version:



| Part no. | Part name                | Material      | Qty |
|----------|--------------------------|---------------|-----|
| 1001     | Casing Top Half          | GC250         | 1   |
| 1002     | Casing Bottom Half       | GC250         | 1   |
| 1181     | Casing Ring              | CAC603        | 2   |
| 1500     | Impeller                 | CAC406        | 1   |
| 1800     | Shaft                    | STS410        | 1   |
| 2070     | Water Deflector          | NBR           | 2   |
| 2100     | Shaft Sleeve             | STS410        | 2   |
| 2111     | Spacer Sleeve            | STS410        | 2   |
| 2300     | Lantern Ring             | GFN or CAC406 | 2   |
| 2310     | Gland                    | GC250         | 2   |
| 2402     | Stuffing Box Bush/Ring   | GC250/MS      | 2   |
| 2410     | Gland Packing            | Fabric        | -   |
| *2420    | Mechanical Seal          | -             | 2   |
| *2421    | Gland Plate(M/S Cover)   | SM45C         | 2   |
| 2600     | Deep Groove Ball Bearing | -             | 2   |

| Part no. | Part name                 | Material  | Qty |
|----------|---------------------------|-----------|-----|
| 2751     | Bearing End Cover(D.E.)   | GC250     | 1   |
| 2754     | Bearing End Cover(N.D.E.) | GC250     | 1   |
| 2761     | Bearing Housing(D.E.)     | GC250     | 1   |
| 2764     | Bearing Housing(N.D.E.)   | GC250     | 1   |
| 2884     | Thrust Collar             | SM45C     | 1   |
| 3010     | Lock Nut                  | SS400     | 1   |
| 3020     | Lock Washer               | SS400     | 1   |
| 3031     | Sleeve Nut(L.H.)          | STS410    | 2   |
| 3032     | Sleeve Nut(R.H.)          | STS410    | 2   |
| 3200     | Impeller Key              | STS304    | 1   |
| 3250     | Coupling Key              | SM45C     | 1   |
| 4230     | Air Vent Cock             | STS304    | 1   |
| 4250     | O-Ring                    | EPDM      | 2   |
| 4290     | M/Seal Flushing Pipe      | Copper    | 2   |
| 4580     | Guard                     | Aluminium | 2   |

Legend

\*:Mechanical Seal Standard parts



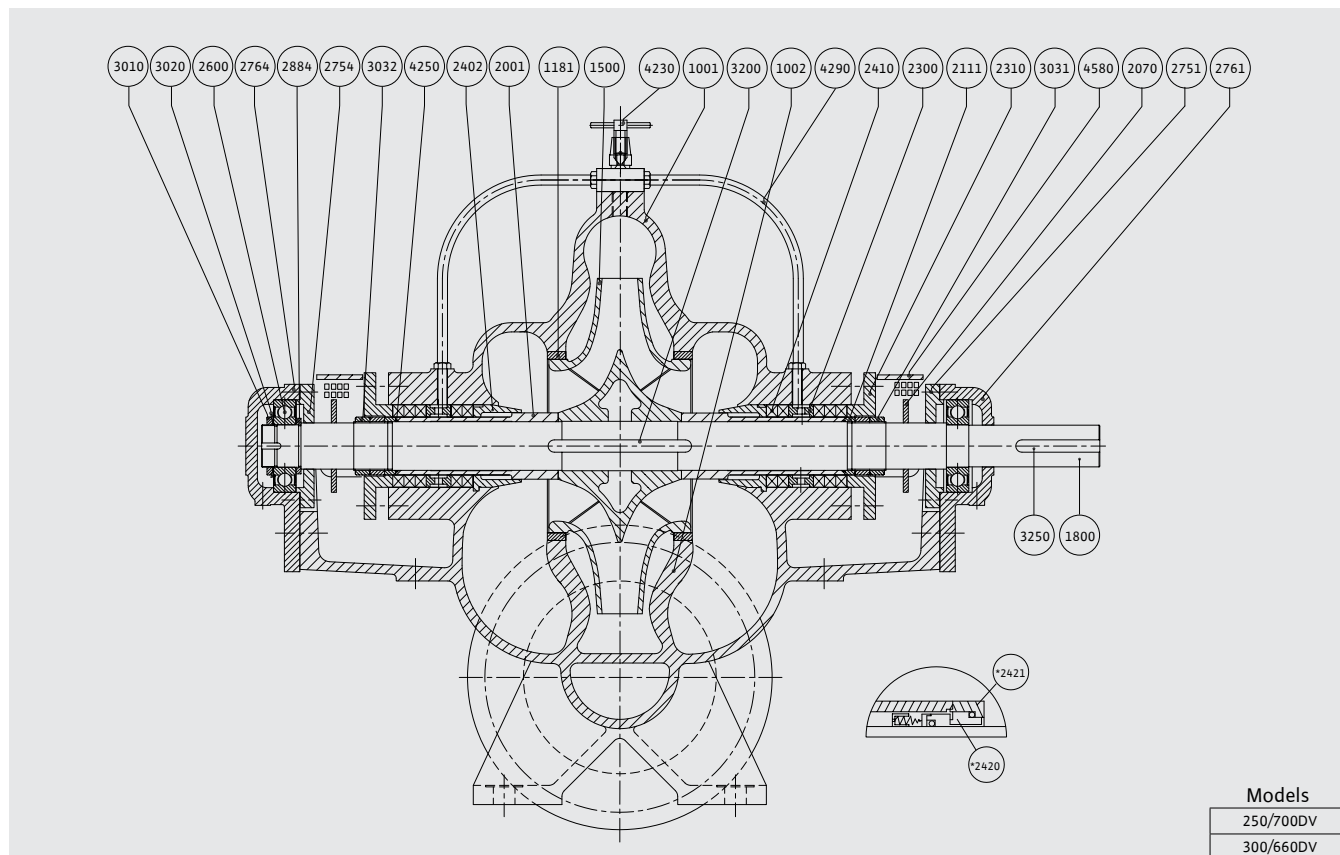
# Split Case Pumps/Vertical Split Case Pumps

SCP/SCPV Series

## SCP/SCPV Series

### Sectional Drawing

Double volute version :



| Part no. | Part name              | Material      | Qty |
|----------|------------------------|---------------|-----|
| 1001     | Casing Top Half        | GC250         | 1   |
| 1002     | Casing Bottom Half     | GC250         | 1   |
| 1181     | Casing Ring            | CAC603        | 2   |
| 1500     | Impeller               | CAC406        | 1   |
| 1800     | Shaft                  | STS410        | 1   |
| 2070     | Water Deflector        | NBR           | 2   |
| 2100     | Shaft Sleeve           | STS410        | 2   |
| 2111     | Spacer Sleeve          | STS410        | 2   |
| 2300     | Lantern Ring           | GFN or CAC406 | 2   |
| 2310     | Gland                  | GC250         | 2   |
| 2402     | Stuffing Box Bush      | GC250         | 2   |
| 2410     | Gland Packing          | Fabric        | -   |
| *2420    | Mechanical Seal        | -             | 2   |
| *2421    | Gland Plate(M/S Cover) | SM45C         | 2   |
| 2600     | Ball Bearing           | -             | 2   |

| Part no. | Part name                 | Material  | Qty |
|----------|---------------------------|-----------|-----|
| 2751     | Bearing End Cover(D.E.)   | GC250     | 1   |
| 2754     | Bearing End Cover(N.D.E.) | GC250     | 1   |
| 2761     | Bearing Housing(D.E.)     | GC250     | 1   |
| 2764     | Bearing Housing(N.D.E.)   | GC250     | 1   |
| 2884     | Thrust Collar             | SM45C     | 1   |
| 3010     | Lock Nut                  | SS400     | 1   |
| 3020     | Lock Washer               | SS400     | 1   |
| 3031     | Sleeve Nut(L.H.)          | STS410    | 2   |
| 3032     | Sleeve Nut(R.H.)          | STS410    | 2   |
| 3200     | Impeller Key              | STS304    | 1   |
| 3250     | Coupling Key              | SM45C     | 1   |
| 4230     | Air Vent Cock             | STS304    | 1   |
| 4250     | O-Ring                    | EPDM      | 2   |
| 4290     | M/Seal Flushing Pipe      | Copper    | 2   |
| 4580     | Guard                     | Aluminium | 2   |

Legend

\*:Mechanical Seal Standard parts

# Split Case Pumps/ Vertical Split Case Pumps

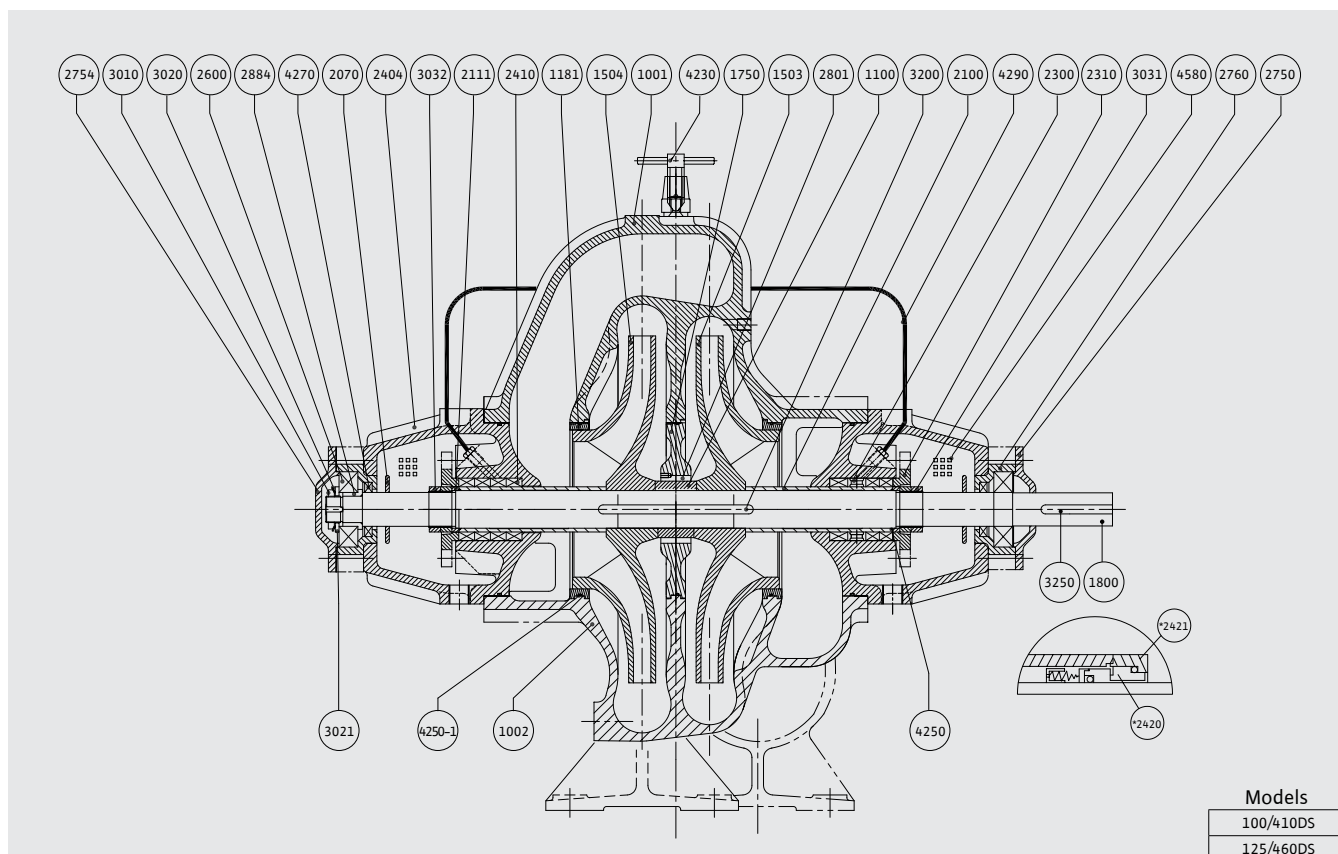
SCP/SCPV Series

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## SCP/SCPV Series

### Sectional Drawing

Double stage version-1 :



| Part no. | Part name                 | Material      | Qty |
|----------|---------------------------|---------------|-----|
| 1001     | Casing Top Half           | GC250         | 1   |
| 1002     | Casing Bottom Half        | GC250         | 1   |
| 1100     | Interstage Collar         | GC250         | 1   |
| 1181     | Casing Ring               | CAC603        | 2   |
| 1503     | Impeller 1st. Stage(R.H.) | CAC406        | 1   |
| 1504     | Impeller 2nd. Stage(L.H.) | CAC406        | 1   |
| 1750     | Interstage Ring           | GC250         | 1   |
| 1800     | Shaft                     | STS410        | 1   |
| 2070     | Water Deflector           | NBR           | 2   |
| 2100     | Shaft Sleeve              | STS410        | 2   |
| 2111     | Spacer Sleeve             | STS410        | 2   |
| 2300     | Lantern Ring              | GFN or CAC406 | 1   |
| 2310     | Gland                     | GC250         | 2   |
| 2404     | Stuffing Box Cover        | GC250         | 2   |
| 2410     | Gland Packing             | Fabric        | -   |
| *2420    | Mechanical Seal           | -             | 2   |
| *2421    | Gland Plate(M/S Cover)    | SM45C         | 2   |
| 2600     | Deep Groove Ball Bearing  | -             | 2   |

| Part no. | Part name                 | Material  | Qty |
|----------|---------------------------|-----------|-----|
| 2750     | Bearing End Cover(D.E.)   | GC250     | 1   |
| 2754     | Bearing End Cover(N.D.E.) | GC250     | 1   |
| 2760     | Bearing Housing           | GC250     | 2   |
| 2801     | Interstage Bush           | GC250     | 1   |
| 2884     | Thrust Collar             | SM45C     | 1   |
| 3010     | Lock Nut                  | SS400     | 1   |
| 3020     | Lock Washer               | SS400     | 1   |
| 3021     | Bearing Lock Washer       | Steel     | 2   |
| 3031     | Sleeve Nut(L.H.)          | STS410    | 2   |
| 3032     | Sleeve Nut(R.H.)          | STS410    | 2   |
| 3200     | Impeller Key              | STS304    | 2   |
| 3250     | Coupling Key              | SM45C     | 1   |
| 4230     | Air Vent Cock             | STS304    | 1   |
| 4250     | O-Ring for Sleeve         | EPDM      | 2   |
| 4250-1   | O-Ring for Casing         | EPDM      | 5   |
| 4270     | Oil Seal                  | Rubber    | 2   |
| 4290     | M/Seal Flushing Pipe      | Copper    | 2   |
| 4580     | Guard                     | Aluminium | 2   |

Legend

\*:Mechanical Seal Standard parts

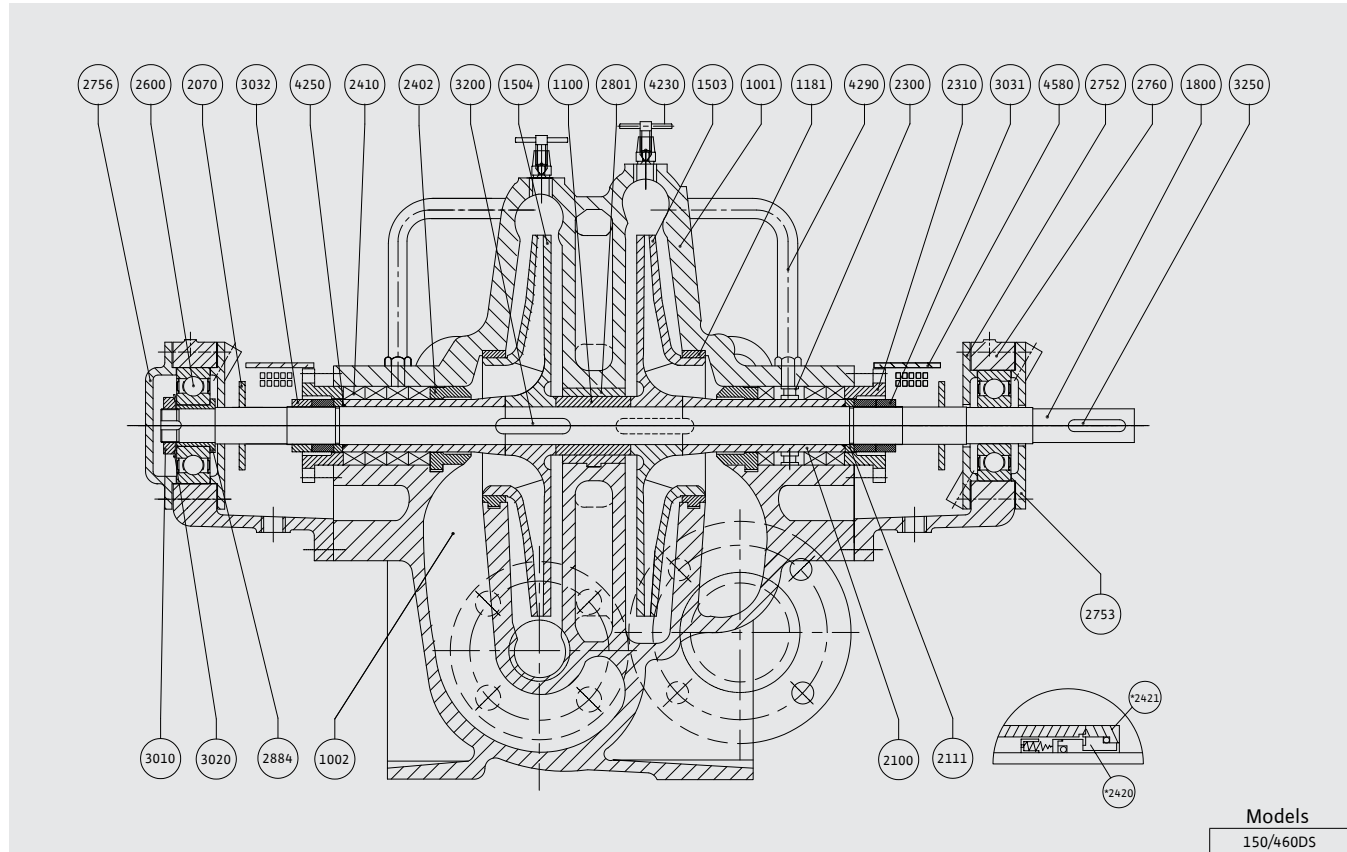
# Split Case Pumps/Vertical Split Case Pumps

SCP/SCPV Series

## SCP/SCPV Series

### Sectional Drawing

Double stage version-2 :



Models

150/460DS

| Part no. | Part name                 | Material      | Qty |
|----------|---------------------------|---------------|-----|
| 1001     | Casing Top Half           | GC250         | 1   |
| 1002     | Casing Bottom Half        | GC250         | 1   |
| 1100     | Interstage Collar         | GC250         | 1   |
| 1181     | Casing Ring               | CAC603        | 2   |
| 1503     | Impeller 1st. Stage(R.H.) | CAC406        | 1   |
| 1504     | Impeller 2nd. Stage(L.H.) | CAC406        | 1   |
| 1800     | Shaft                     | STS410        | 1   |
| 2070     | Water Deflector           | NBR           | 2   |
| 2100     | Shaft Sleeve              | STS410        | 2   |
| 2111     | Spacer Sleeve             | STS410        | 2   |
| 2300     | Lantern Ring              | GFN or CAC406 | 2   |
| 2310     | Gland                     | GC250         | 2   |
| 2402     | Stuffing Box Bush         | GC250         | 2   |
| 2410     | Gland Packing             | Fabric        | -   |
| *2420    | Mechanical Seal           | -             | 2   |
| *2421    | Gland Plate(M/S Cover)    | SM45C         | 2   |
| 2600     | Deep Groove Ball Bearing  | -             | 2   |

| Part no. | Part name                | Material  | Qty |
|----------|--------------------------|-----------|-----|
| 2752     | Bearing End Cover Inner  | GC250     | 2   |
| 2753     | Bearing End Cover(D.E.)  | GC250     | 1   |
| 2756     | Bearing End Cover(N.D.E) | GC250     | 1   |
| 2760     | Bearing Housing          | GC250     | 2   |
| 2801     | Interstage Bush          | GC250     | 1   |
| 2884     | Thrust Collar            | SM45C     | 1   |
| 3010     | Lock Nut                 | SS400     | 1   |
| 3020     | Lock Washer              | SS400     | 1   |
| 3031     | Sleeve Nut(L.H.)         | STS410    | 2   |
| 3032     | Sleeve Nut(R.H.)         | STS410    | 2   |
| 3200     | Impeller Key             | STS304    | 2   |
| 3250     | Coupling Key             | SM45C     | 1   |
| 4230     | Air Vent Cock            | STS304    | 2   |
| 4250     | O-Ring                   | EPDM      | 2   |
| 4290     | M/Seal Flushing Pipe     | Copper    | 2   |
| 4580     | Guard                    | Aluminium | 2   |

Legend

\*:Mechanical Seal Standard parts



# Split Case Pumps/Vertical Split Case Pumps

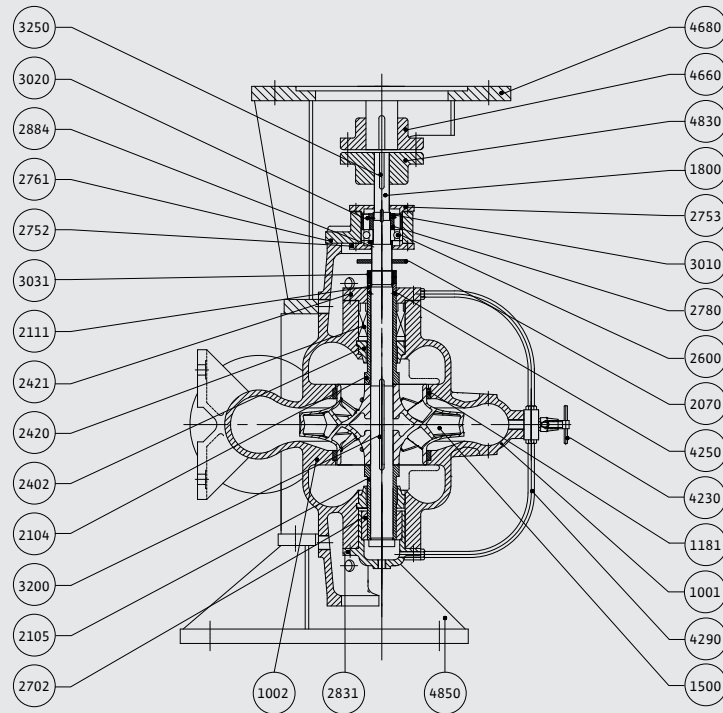
SCP/SCPV Series

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## SCP/SCPV Series

### Sectional Drawing

Vertical version



| Part no. | Part name                     | Material | Qty |
|----------|-------------------------------|----------|-----|
| 1001     | Casing Top Half               | GC250    | 1   |
| 1002     | Casing Bottom Half            | GC250    | 1   |
| 1181     | Casing Ring                   | CAC603   | 2   |
| 1500     | Impeller                      | CAC406   | 1   |
| 1800     | Shaft                         | STS410   | 1   |
| 2070     | Water Deflector               | NBR      | 1   |
| 2104     | Shaft Sleeve(D.E.)            | STS410   | 1   |
| 2105     | Shaft Sleeve(N.D.E.)          | STS410   | 1   |
| 2111     | Spacer Sleeve                 | STS410   | 1   |
| 2402     | Stuffing Box Bush             | GC200    | 1   |
| 2420     | Mechanical Seal               | -        | 1   |
| 2421     | Gland Plate(M/seal Cover)     | SM45C    | 1   |
| 2600     | Deep Groove Ball Bearing      | -        | 1   |
| 2702     | Bearing Bush(Bottom)          | Feroform | 1   |
| 2752     | Bearing End Cover(D.E.) Inner | GC200    | 1   |
| 2753     | Bearing End Cover(D.E.) Outer | GC200    | 1   |

| Part no. | Part name             | Material | Qty |
|----------|-----------------------|----------|-----|
| 2761     | Bearing Housing(D.E.) | GC200    | 1   |
| 2780     | Bearing Spacer        | SM45C    | 1   |
| 2831     | Bearing Bush Carrier  | GC200    | 1   |
| 2884     | Thrust Collar         | SM45C    | 1   |
| 3010     | Lock Nut              | Steel    | 1   |
| 3020     | Lock Washer           | Steel    | 1   |
| 3031     | Sleeve Nut(L.H.)      | STS410   | 2   |
| 3200     | Impeller Key          | STS410   | 1   |
| 3250     | Coupling Key          | STS410   | 1   |
| 4230     | Air Vent Cock         | STS304   | 1   |
| 4250     | O-Ring                | EPDM     | 1   |
| 4290     | M/seal Flusing Pipe   | Copper   | 1   |
| 4660     | Coupling(Motor)       | GC200    | 1   |
| 4680     | Motor Stool           | SM45C    | 1   |
| 4830     | Coupling(Pump)        | GC200    | 1   |
| 4850     | Pump Stool            | SM45C    | 1   |

Legend

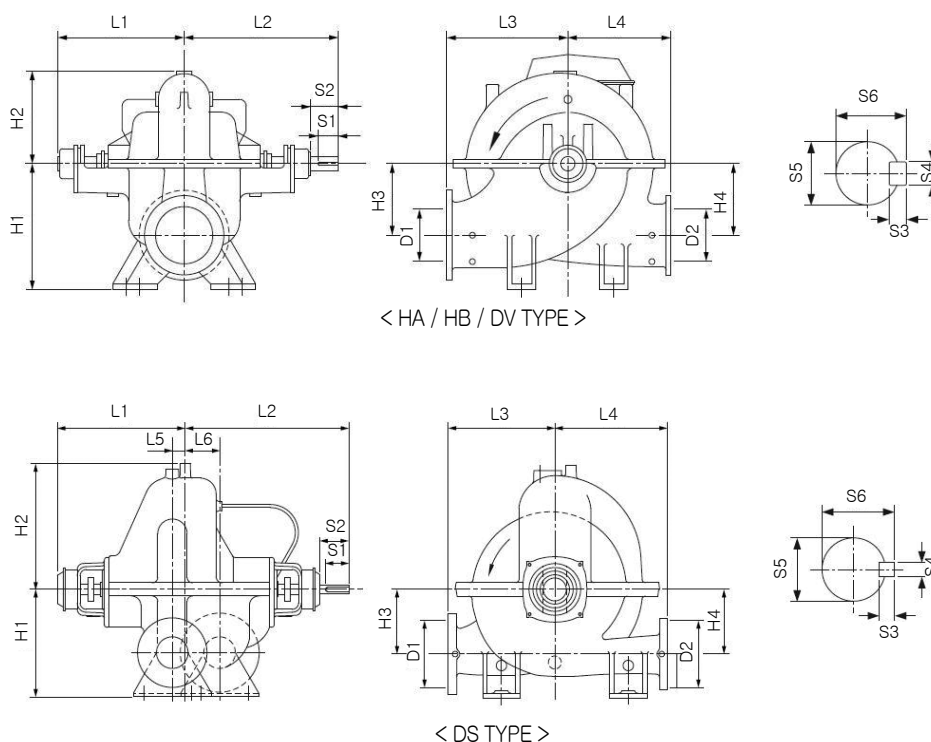
\*MARK : OPTION PARTS

# Split Case Pumps/Vertical Split Case Pumps

SCP/SCPV Series

## SCP/SCPV Series

### Outline Dimension–Bare Shaft Pump



| Size |                |       |      |                    |     |       |       |     |     |       |       |      |     |           |     |    |    |    |    |                          |
|------|----------------|-------|------|--------------------|-----|-------|-------|-----|-----|-------|-------|------|-----|-----------|-----|----|----|----|----|--------------------------|
| NO.  | PUMP MODEL     | SIZE  |      | OVERALL DIMENSIONS |     |       |       |     |     |       |       |      |     | SHAFT END |     |    |    |    |    | APPROX. PUMP WEIGHT (kg) |
|      |                | DISC. | SUC. |                    |     |       |       |     |     |       |       |      |     |           |     |    |    |    |    |                          |
|      |                | D2    | D1   | H1                 | H2  | H3    | H4    | L1  | L2  | L3    | L4    | L5   | L6  | S1        | S2  | S3 | S4 | S5 | S6 |                          |
| 1    | SCP 100/270 HA | 100   | 125  | 270                | 198 | 165   | 165   | 338 | 399 | 285   | 230   | -    | -   | 45        | 73  | 7  | 8  | 24 | 27 | 160                      |
| 2    | SCP 100/280 HA | 100   | 125  | 270                | 190 | 175   | 175   | 338 | 399 | 300   | 250   | -    | -   | 45        | 73  | 7  | 8  | 24 | 27 | 130                      |
| 3    | SCP 100/360 HA | 100   | 125  | 320                | 245 | 225   | 225   | 338 | 399 | 350   | 275   | -    | -   | 45        | 73  | 7  | 8  | 24 | 27 | 147                      |
| 4    | SCP 100/410 DS | 100   | 125  | 350                | 365 | 220   | 220   | 425 | 510 | 320   | 300   | 39.5 | 102 | 80        | 101 | 8  | 10 | 34 | 37 | 255                      |
| 5    | SCP 125/290 HA | 125   | 150  | 320                | 240 | 213   | 213   | 385 | 458 | 350   | 275   | -    | -   | 82        | 88  | 7  | 8  | 29 | 32 | 160                      |
| 6    | SCP 125/330 HA | 125   | 150  | 320                | 240 | 213   | 213   | 385 | 458 | 350   | 286   | -    | -   | 82        | 88  | 7  | 8  | 29 | 32 | 190                      |
| 7    | SCP 125/470 HA | 125   | 150  | 414.5              | 325 | 295   | 295   | 471 | 560 | 420   | 400   | -    | -   | 88        | 119 | 8  | 12 | 39 | 42 | 500                      |
| 8    | SCP 125/460 DS | 125   | 150  | 400                | 478 | 245   | 245   | 480 | 580 | 400   | 350   | 45   | 110 | 95        | 120 | 8  | 12 | 44 | 47 | 473                      |
| 9    | SCP 150/290 HA | 150   | 200  | 380                | 255 | 220   | 220   | 385 | 458 | 350   | 265   | -    | -   | 82        | 88  | 7  | 8  | 29 | 32 | 350                      |
| 10   | SCP 150/390 HA | 150   | 200  | 343                | 280 | 229   | 229   | 411 | 474 | 406   | 330   | -    | -   | 88        | 98  | 8  | 12 | 39 | 42 | 305                      |
| 11   | SCP 150/350 HA | 150   | 200  | 425                | 275 | 252   | 252   | 471 | 560 | 400   | 350   | -    | -   | 88        | 119 | 8  | 12 | 39 | 42 | 360                      |
| 12   | SCP 150/440 HA | 150   | 200  | 425.5              | 305 | 274   | 274   | 411 | 474 | 432   | 381   | -    | -   | 88        | 98  | 8  | 12 | 39 | 42 | 360                      |
| 13   | SCP 150/530 HA | 150   | 200  | 465                | 370 | 320   | 320   | 485 | 612 | 450   | 440   | -    | -   | 110       | 138 | 10 | 16 | 54 | 58 | 567                      |
| 14   | SCP 150/460 DS | 150   | 200  | 470                | 320 | 225   | 250   | 501 | 665 | 440   | 330   | 70   | 210 | 95        | 185 | 8  | 12 | 44 | 47 | 660                      |
| 15   | SCP 200/310 HA | 200   | 200  | 343                | 270 | 227   | 227   | 411 | 474 | 406.5 | 317.5 | -    | -   | 88        | 98  | 8  | 12 | 39 | 42 | 343                      |
| 16   | SCP 200/320 HA | 200   | 250  | 425                | 290 | 248   | 248   | 411 | 474 | 432   | 317.5 | -    | -   | 88        | 98  | 8  | 12 | 39 | 42 | 385                      |
| 17   | SCP 200/370 HA | 200   | 200  | 430                | 310 | 270   | 270   | 471 | 560 | 420   | 350   | -    | -   | 88        | 119 | 8  | 12 | 39 | 42 | 475                      |
| 18   | SCP 200/360 HB | 200   | 300  | 450                | 310 | 276   | 276   | 471 | 560 | 470   | 350   | -    | -   | 88        | 119 | 8  | 12 | 39 | 42 | 460                      |
| 19   | SCP 200/390 HA | 200   | 250  | 464                | 315 | 292   | 292   | 525 | 612 | 483   | 381   | -    | -   | 110       | 134 | 10 | 16 | 54 | 58 | 579                      |
| 20   | SCP 200/440 HA | 200   | 250  | 465                | 330 | 300   | 300   | 485 | 612 | 440   | 400   | -    | -   | 110       | 138 | 10 | 16 | 54 | 58 | 460                      |
| 21   | SCP 200/460 HA | 200   | 250  | 463.5              | 344 | 298.5 | 298.5 | 525 | 612 | 482.5 | 458   | -    | -   | 110       | 134 | 10 | 16 | 54 | 58 | 750                      |
| 22   | SCP 200/550 HA | 200   | 200  | 464                | 364 | 343   | 343   | 525 | 612 | 470   | 457   | -    | -   | 110       | 134 | 10 | 16 | 54 | 58 | 699                      |

# Split Case Pumps/Vertical Split Case Pumps

SCP/SCPV Series

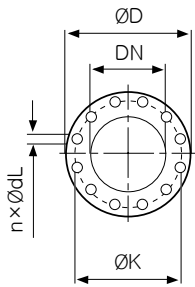
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## SCP/SCPV Series

| Size |                |       |      |                    |     |       |       |       |       |       |       |    |    |     |           |    |    |    |      |      |                          |
|------|----------------|-------|------|--------------------|-----|-------|-------|-------|-------|-------|-------|----|----|-----|-----------|----|----|----|------|------|--------------------------|
| NO.  | PUMP MODEL     | SIZE  |      | OVERALL DIMENSIONS |     |       |       |       |       |       |       |    |    |     | SHAFT END |    |    |    |      |      | APPROX. PUMP WEIGHT (kg) |
|      |                | DISC. | SUC. |                    |     |       |       |       |       |       |       |    |    |     |           |    |    |    |      |      |                          |
|      |                | D2    | D1   | H1                 | H2  | H3    | H4    | L1    | L2    | L3    | L4    | L5 | L6 | S1  | S2        | S3 | S4 | S5 | S6   |      |                          |
| 23   | SCP 200/480 HA | 200   | 200  | 464                | 364 | 343   | 343   | 525   | 612   | 470   | 457   | -  | -  | 110 | 134       | 10 | 16 | 54 | 58   | 699  |                          |
| 24   | SCP 200/560 HA | 200   | 250  | 546                | 397 | 356   | 356   | 594   | 693   | 521   | 458   | -  | -  | 130 | 156       | 12 | 20 | 69 | 73.5 | 770  |                          |
| 25   | SCP 250/250 HA | 250   | 250  | 410                | 265 | 222   | 222   | 367   | 458   | 370   | 260   | -  | -  | 82  | 88        | 7  | 8  | 29 | 32   | 270  |                          |
| 26   | SCP 250/390 HA | 250   | 300  | 540                | 340 | 320   | 320   | 485   | 612   | 517   | 380   | -  | -  | 110 | 138       | 10 | 16 | 54 | 58   | 540  |                          |
| 27   | SCP 250/360 HA | 250   | 300  | 540                | 340 | 320   | 320   | 485   | 612   | 517   | 380   | -  | -  | 110 | 138       | 10 | 16 | 54 | 58   | 540  |                          |
| 28   | SCP 250/450 HA | 250   | 300  | 546                | 380 | 343   | 343   | 594   | 693   | 533.5 | 457   | -  | -  | 130 | 156       | 12 | 20 | 69 | 73.5 | 906  |                          |
| 29   | SCP 250/570 HA | 250   | 300  | 546                | 415 | 356   | 356   | 594   | 693   | 584   | 492   | -  | -  | 130 | 156       | 12 | 20 | 69 | 73.5 | 975  |                          |
| 30   | SCP 250/700 DV | 250   | 300  | 622                | 465 | 406.5 | 406.5 | 643   | 764.5 | 635   | 559   | -  | -  | 146 | 178       | 14 | 22 | 79 | 84   | 1480 |                          |
| 31   | SCP 300/330 HB | 300   | 350  | 540                | 320 | 310   | 310   | 485   | 612   | 550   | 390   | -  | -  | 110 | 138       | 10 | 16 | 54 | 58   | 603  |                          |
| 32   | SCP 300/380 HA | 300   | 350  | 546                | 370 | 317.5 | 317.5 | 525   | 612   | 559   | 390.5 | -  | -  | 110 | 134       | 10 | 16 | 54 | 58   | 1016 |                          |
| 33   | SCP 300/400 HA | 300   | 400  | 610                | 393 | 350   | 350   | 536   | 667.5 | 550   | 350   | -  | -  | 110 | 147       | 10 | 16 | 54 | 58   | 880  |                          |
| 34   | SCP 300/490 HA | 300   | 350  | 590.5              | 405 | 343   | 343   | 594   | 693   | 584   | 482   | -  | -  | 130 | 156       | 12 | 20 | 69 | 73.5 | 1110 |                          |
| 35   | SCP 300/570 HA | 300   | 350  | 590.5              | 442 | 378   | 378   | 594   | 693   | 628.5 | 533   | -  | -  | 130 | 156       | 12 | 20 | 69 | 73.5 | 1255 |                          |
| 36   | SCP 300/660 DV | 300   | 350  | 725                | 465 | 444.5 | 444.5 | 645.5 | 830   | 660.5 | 610   | -  | -  | 146 | 182       | 14 | 25 | 89 | 94   | 1540 |                          |
| 37   | SCP 350/500 HA | 350   | 450  | 730                | 480 | 450   | 450   | 597   | 743   | 768   | 550   | -  | -  | 130 | 156       | 12 | 20 | 69 | 73.5 | 1125 |                          |
| 38   | SCP 350/470 HA | 350   | 450  | 660                | 430 | 360   | 360   | 565   | 693   | 625   | 530   | -  | -  | 130 | 156       | 12 | 20 | 69 | 73.5 | 1150 |                          |
| 39   | SCP 400/540 HA | 400   | 500  | 440                | 495 | 465   | 465   | 619   | 785   | 680   | 450   | -  | -  | 130 | 175       | 12 | 20 | 69 | 73.5 | 1400 |                          |
| 40   | SCP 400/480 HA | 400   | 500  | 780                | 520 | 445   | 445   | 597   | 743   | 790   | 545   | -  | -  | 130 | 156       | 12 | 20 | 69 | 73.5 | 1134 |                          |
| 41   | SCP 400/550 HA | 400   | 500  | 780                | 495 | 470   | 470   | 697   | 825   | 760   | 560   | -  | -  | 146 | 178       | 14 | 22 | 79 | 84   | 1453 |                          |
| 42   | SCP 400/710 HA | 400   | 450  | 800                | 574 | 521   | 521   | 703.5 | 824.5 | 864   | 762   | -  | -  | 146 | 178       | 14 | 22 | 79 | 84   | 2515 |                          |

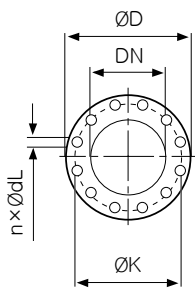
### Flange Rating - DIN PN16(EN1092-2)

|  | DN  | ØD (mm) | ØK (mm) | n  | ØdL (mm) |
|--|-----|---------|---------|----|----------|
|  | 100 | 220     | 180     | 8  | 19       |
|  | 125 | 250     | 210     | 8  | 19       |
|  | 150 | 285     | 240     | 8  | 23       |
|  | 200 | 340     | 295     | 12 | 23       |
|  | 250 | 405     | 355     | 12 | 28       |
|  | 300 | 460     | 410     | 12 | 28       |
|  | 350 | 520     | 470     | 16 | 28       |
|  | 400 | 580     | 525     | 16 | 31       |
|  | 450 | 640     | 585     | 20 | 31       |
|  | 500 | 715     | 650     | 20 | 34       |



### Flange Rating - DIN PN25(EN1092-2)

|  | DN  | ØD (mm) | ØK (mm) | n  | ØdL (mm) |
|--|-----|---------|---------|----|----------|
|  | 100 | 235     | 190     | 8  | 23       |
|  | 125 | 270     | 220     | 8  | 28       |
|  | 150 | 300     | 250     | 8  | 28       |
|  | 200 | 360     | 310     | 12 | 28       |
|  | 250 | 425     | 370     | 12 | 31       |
|  | 300 | 485     | 430     | 16 | 31       |
|  | 350 | 555     | 490     | 16 | 34       |
|  | 400 | 620     | 550     | 16 | 37       |
|  | 450 | 670     | 600     | 20 | 37       |
|  | 500 | 730     | 660     | 20 | 37       |



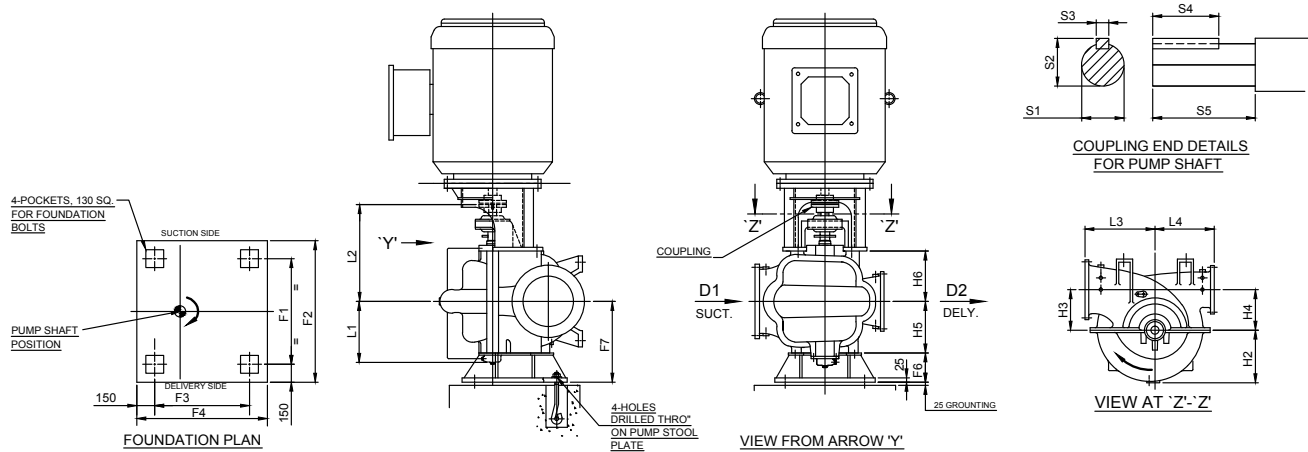


# Split Case Pumps/Vertical Split Case Pumps

SCP/SCPV Series

## SCP/SCPV Series

### Outline Dimensions



| Size |                 |       |      |                    |       |       |     |     |     |     |       |       |     |       |     |     |     |     |    |           |    |     |     |       |                          |
|------|-----------------|-------|------|--------------------|-------|-------|-----|-----|-----|-----|-------|-------|-----|-------|-----|-----|-----|-----|----|-----------|----|-----|-----|-------|--------------------------|
| NO.  | PUMP MODEL      | SIZE  |      | OVERALL DIMENSIONS |       |       |     |     |     |     |       |       |     |       |     |     |     |     |    | SHAFT END |    |     |     |       | APPROX. PUMP WEIGHT (kg) |
|      |                 | DISC. | SUC. |                    |       |       |     |     |     |     |       |       |     |       |     |     |     |     |    |           |    |     |     |       |                          |
|      |                 |       |      | D2                 | D1    | H2    | H3  | H4  | H5  | H6  | L1    | L2    | L3  | L4    | F1  | F2  | F3  | F4  | F6 | F7        | S1 | S2  | S3  | S4    |                          |
| 1    | SCPV 100/270 HA | 100   | 125  | 198                | 165   | 165   | 170 | 170 | 225 | 399 | 285   | 230   | 500 | 800   | 300 | 600 | 250 | 350 | 22 | 25        | 8  | 45  | 70  | 176   |                          |
| 2    | SCPV 100/280 HA | 100   | 125  | 190                | 175   | 175   | 170 | 170 | 225 | 399 | 300   | 250   | 500 | 800   | 300 | 600 | 250 | 350 | 22 | 25        | 8  | 45  | 70  | 143   |                          |
| 3    | SCPV 100/360 HA | 100   | 125  | 245                | 225   | 225   | 170 | 170 | 225 | 399 | 350   | 275   | 500 | 800   | 300 | 600 | 250 | 350 | 22 | 25        | 8  | 45  | 70  | 162   |                          |
| 4    | SCPV 125/290 HA | 125   | 150  | 240                | 213   | 213   | 190 | 190 | 272 | 470 | 350   | 275   | 650 | 950   | 400 | 700 | 250 | 350 | 26 | 29        | 8  | 82  | 102 | 176   |                          |
| 5    | SCPV 125/330 HA | 125   | 150  | 240                | 213   | 213   | 190 | 190 | 272 | 470 | 350   | 286   | 650 | 950   | 400 | 700 | 250 | 350 | 26 | 29        | 8  | 82  | 102 | 209   |                          |
| 6    | SCPV 125/470 HA | 125   | 150  | 325                | 295   | 295   | 300 | 300 | 342 | 590 | 420   | 400   | 850 | 1,150 | 520 | 820 | 250 | 600 | 36 | 39        | 10 | 88  | 120 | 550   |                          |
| 7    | SCPV 150/290 HA | 150   | 200  | 255                | 220   | 220   | 190 | 190 | 272 | 470 | 350   | 265   | 650 | 950   | 400 | 700 | 250 | 350 | 26 | 29        | 8  | 82  | 102 | 385   |                          |
| 8    | SCPV 150/390 HA | 150   | 200  | 280                | 229   | 229   | 300 | 300 | 289 | 525 | 406   | 330   | 850 | 1,150 | 520 | 820 | 250 | 600 | 36 | 39        | 10 | 88  | 120 | 366   |                          |
| 9    | SCPV 150/350 HA | 150   | 200  | 275                | 252   | 252   | 300 | 300 | 342 | 590 | 400   | 350   | 850 | 1,150 | 520 | 820 | 250 | 600 | 36 | 39        | 10 | 88  | 120 | 396   |                          |
| 10   | SCPV 150/440 HA | 150   | 200  | 305                | 274   | 274   | 300 | 300 | 289 | 525 | 432   | 381   | 850 | 1,150 | 520 | 820 | 250 | 600 | 36 | 39        | 10 | 88  | 120 | 540   |                          |
| 11   | SCPV 150/530 HA | 150   | 200  | 370                | 320   | 320   | 350 | 350 | 367 | 635 | 450   | 440   | 850 | 1,150 | 520 | 820 | 250 | 600 | 50 | 53.5      | 14 | 109 | 120 | 624   |                          |
| 12   | SCPV 200/310 HA | 200   | 200  | 270                | 227   | 227   | 300 | 300 | 289 | 525 | 406.5 | 318   | 850 | 1,150 | 520 | 820 | 250 | 600 | 36 | 39        | 10 | 88  | 120 | 415   |                          |
| 13   | SCPV 200/320 HA | 200   | 250  | 290                | 248   | 248   | 300 | 300 | 289 | 525 | 432   | 318   | 850 | 1,150 | 520 | 820 | 250 | 600 | 36 | 39        | 10 | 88  | 120 | 462   |                          |
| 14   | SCPV 200/370 HA | 200   | 200  | 310                | 270   | 270   | 300 | 300 | 342 | 590 | 420   | 350   | 850 | 1,150 | 520 | 820 | 250 | 600 | 36 | 39        | 10 | 88  | 120 | 525   |                          |
| 15   | SCPV 200/360 HB | 200   | 300  | 320                | 276   | 276   | 300 | 300 | 342 | 590 | 470   | 350   | 850 | 1,150 | 520 | 820 | 250 | 600 | 36 | 39        | 10 | 88  | 120 | 506   |                          |
| 16   | SCPV 200/390 HA | 200   | 250  | 315                | 292   | 292   | 350 | 350 | 367 | 635 | 483   | 381   | 850 | 1,150 | 520 | 820 | 250 | 600 | 50 | 53.5      | 14 | 109 | 120 | 695   |                          |
| 17   | SCPV 200/440 HA | 200   | 250  | 330                | 300   | 300   | 350 | 350 | 367 | 635 | 440   | 400   | 850 | 1,150 | 520 | 820 | 250 | 600 | 50 | 53.5      | 14 | 109 | 120 | 506   |                          |
| 18   | SCPV 200/460 HA | 200   | 250  | 350                | 299   | 299   | 350 | 350 | 367 | 635 | 482.5 | 458   | 850 | 1,150 | 520 | 820 | 250 | 600 | 50 | 53.5      | 14 | 109 | 120 | 900   |                          |
| 19   | SCPV 200/550 HA | 200   | 200  | 370                | 343   | 343   | 350 | 350 | 367 | 635 | 470   | 457   | 850 | 1,150 | 520 | 820 | 250 | 600 | 50 | 53.5      | 14 | 109 | 120 | 840   |                          |
| 20   | SCPV 200/480 HA | 200   | 200  | 370                | 343   | 343   | 350 | 350 | 367 | 635 | 470   | 457   | 850 | 1,150 | 520 | 820 | 250 | 600 | 50 | 53.5      | 14 | 109 | 120 | 840   |                          |
| 21   | SCPV 250/250 HA | 250   | 250  | 265                | 222   | 222   | 190 | 190 | 272 | 470 | 370   | 260   | 650 | 950   | 400 | 700 | 250 | 350 | 26 | 29        | 8  | 82  | 102 | 297   |                          |
| 22   | SCPV 250/360 HA | 250   | 300  | 340                | 320   | 320   | 350 | 350 | 367 | 635 | 517   | 380   | 850 | 1,150 | 520 | 820 | 250 | 600 | 50 | 53.5      | 14 | 109 | 120 | 594   |                          |
| 23   | SCPV 300/330 HB | 300   | 350  | 320                | 310   | 310   | 350 | 350 | 367 | 635 | 550   | 390   | 850 | 1,150 | 520 | 820 | 250 | 600 | 50 | 53.5      | 14 | 109 | 120 | 663   |                          |
| 24   | SCPV 300/380 HA | 300   | 350  | 370                | 317.5 | 317.5 | 350 | 350 | 600 | 787 | 559   | 390.5 | 850 | 1,180 | 520 | 850 | 250 | 600 | 50 | 53.5      | 14 | 109 | 120 | 1,016 |                          |
| 25   | SCPV 300/400 HA | 300   | 400  | 390                | 350   | 350   | 350 | 350 | 412 | 680 | 550   | 350   | 850 | 1,150 | 520 | 820 | 250 | 600 | 50 | 53.5      | 14 | 109 | 120 | 968   |                          |

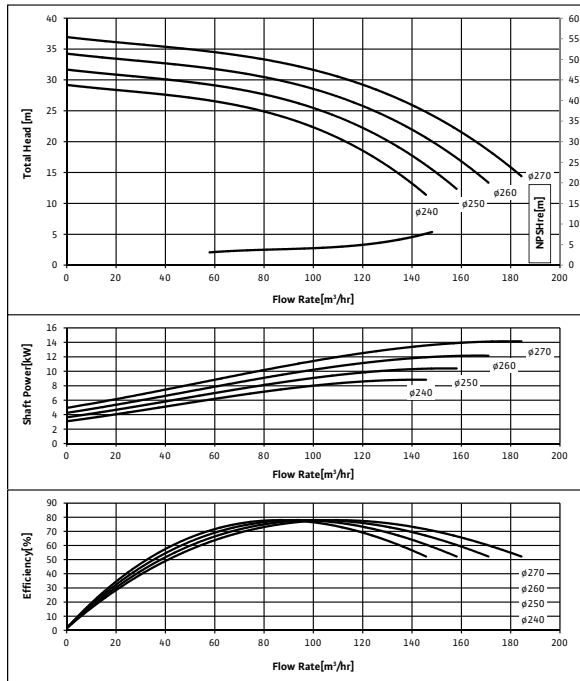
# Split Case Pumps/Vertical Split Case Pumps

SCP/SCPV Series

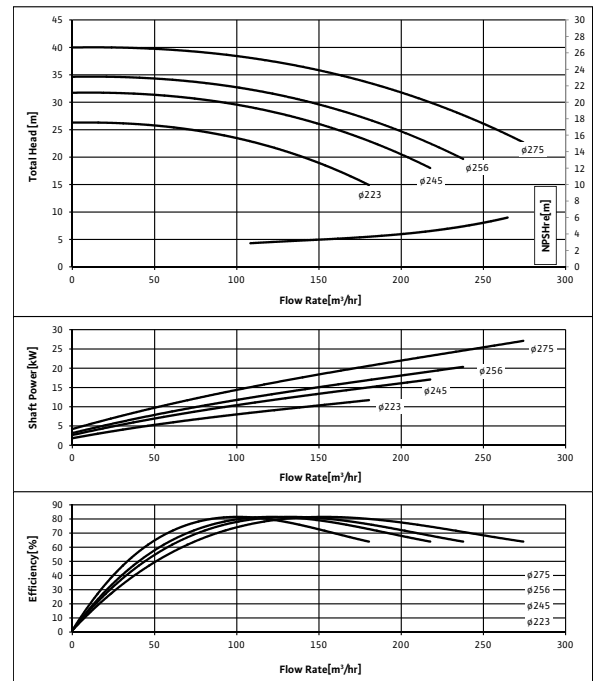
wilo

## SCP/SCPV Series

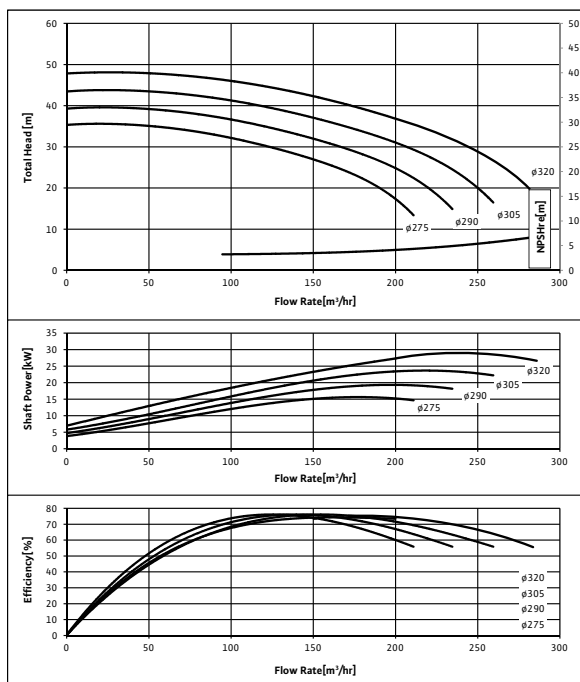
### SCP 100/270HA



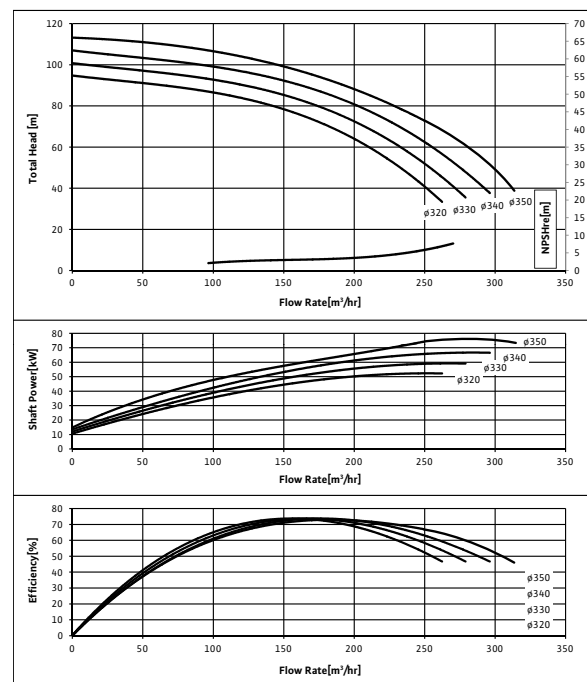
### SCP 100/280HA



### SCP 100/360HA



### SCP 100/410DS



# Split Case Pumps/Vertical Split Case Pumps

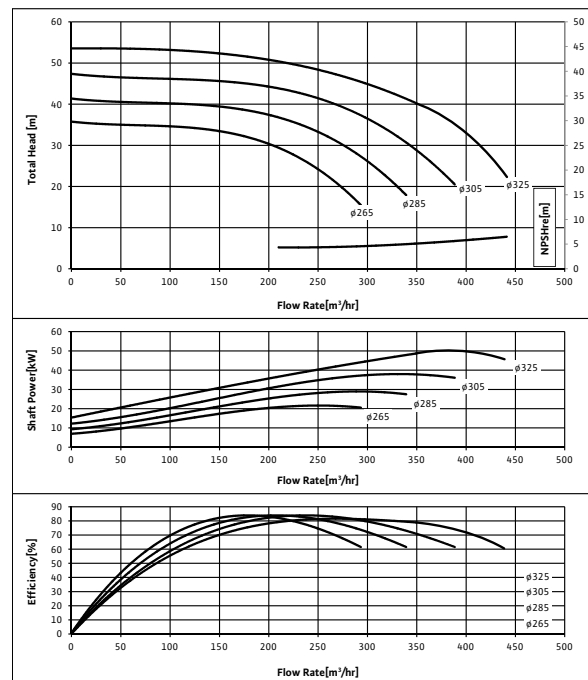
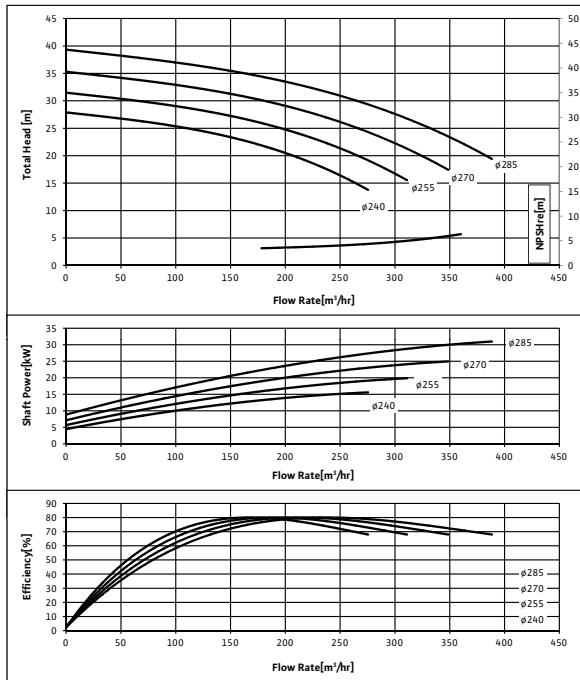
SCP/SCPV Series

SCP/SCPV Series

Performance Curve 4Pole

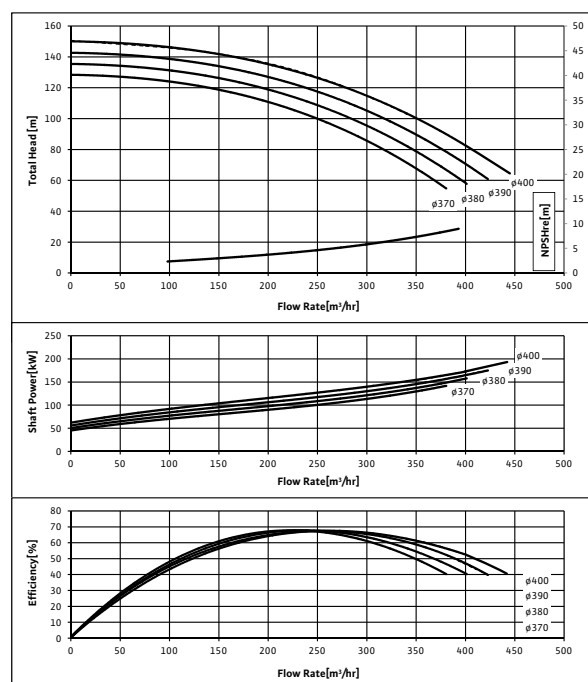
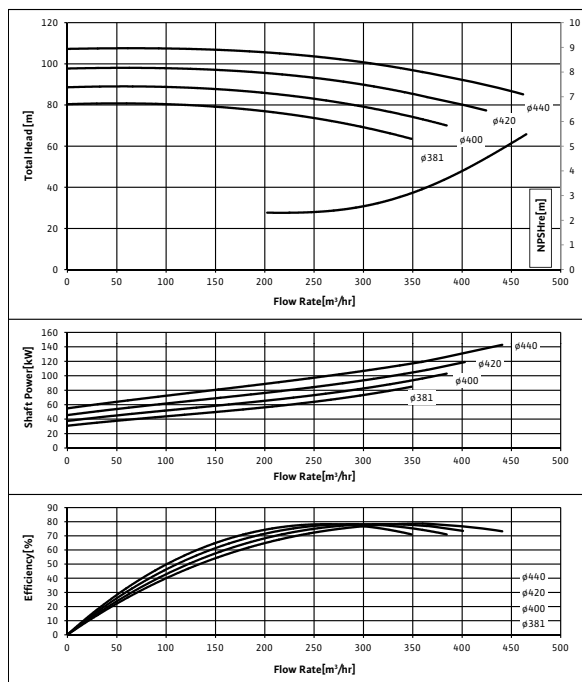
SCP 125/290HA

SCP 125/330HA



SCP 125/470HA

SCP 125/460DS



# Split Case Pumps/Vertical Split Case Pumps

SCP/SCPV Series

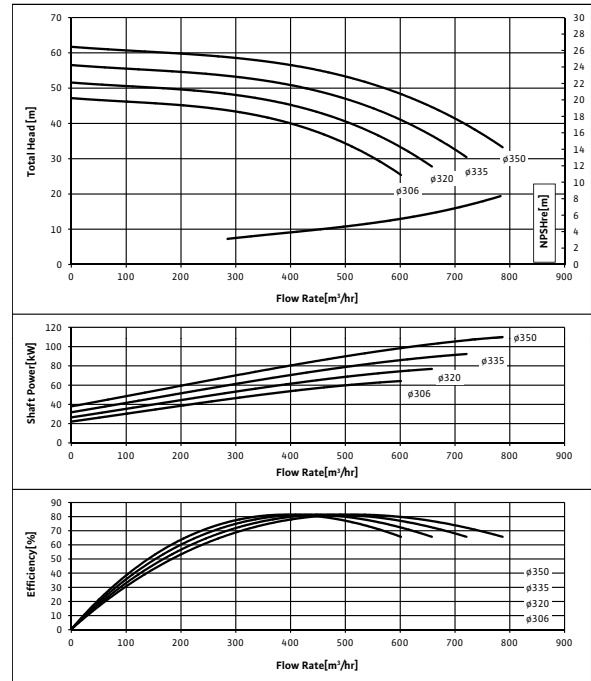
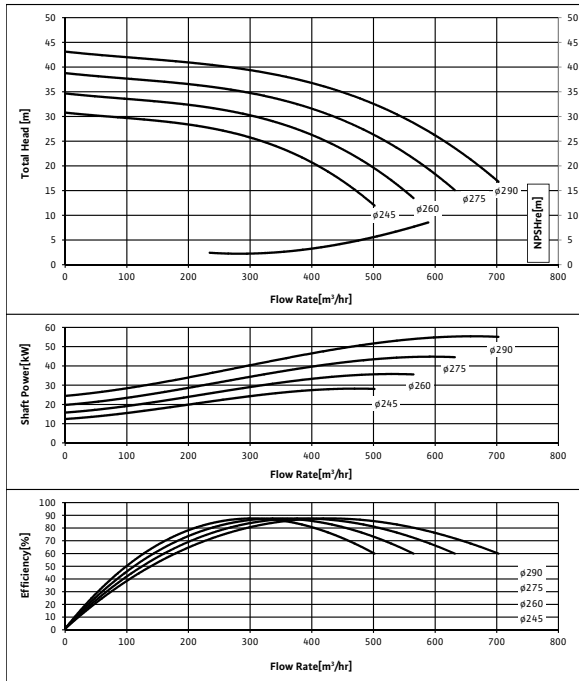
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SCP/SCPV Series

Performance Curve 4Pole

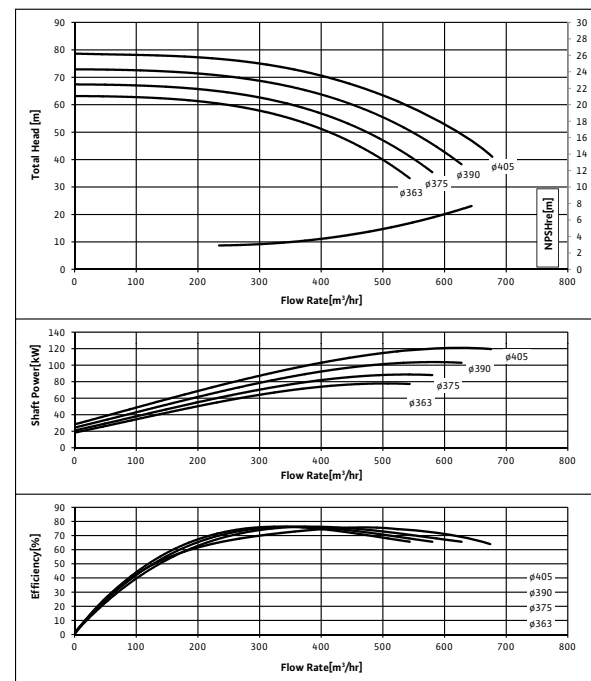
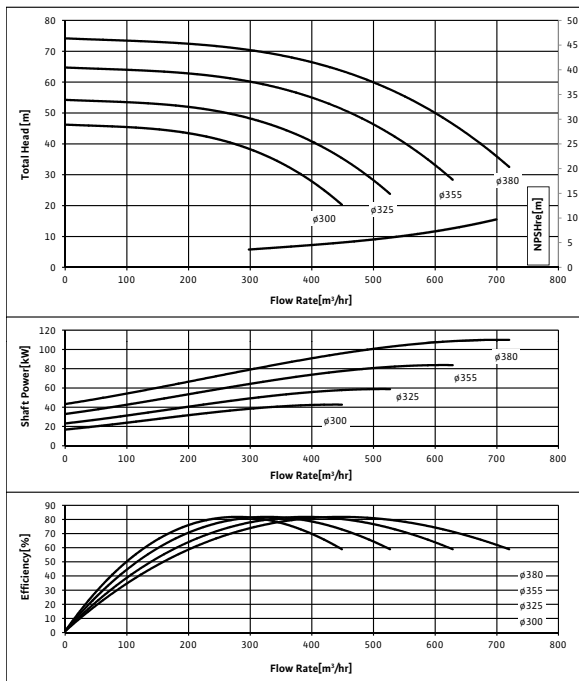
## SCP 150/290HA

## SCP 150/350HA



## SCP 150/390HA

## SCP 150/440HA

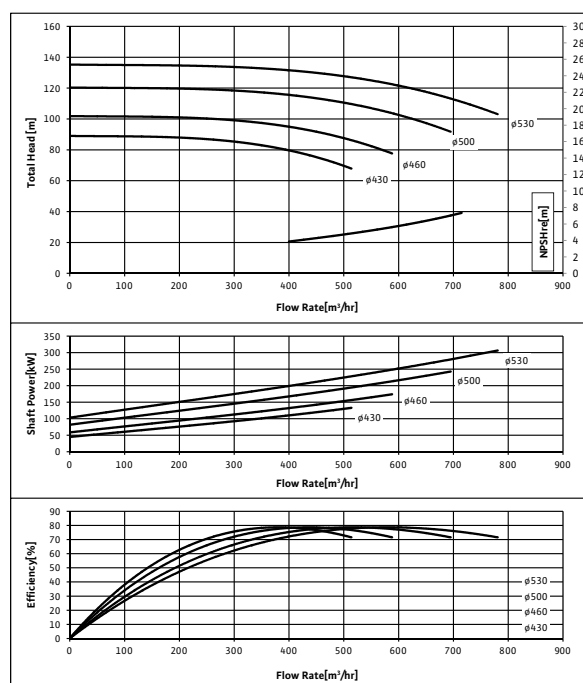




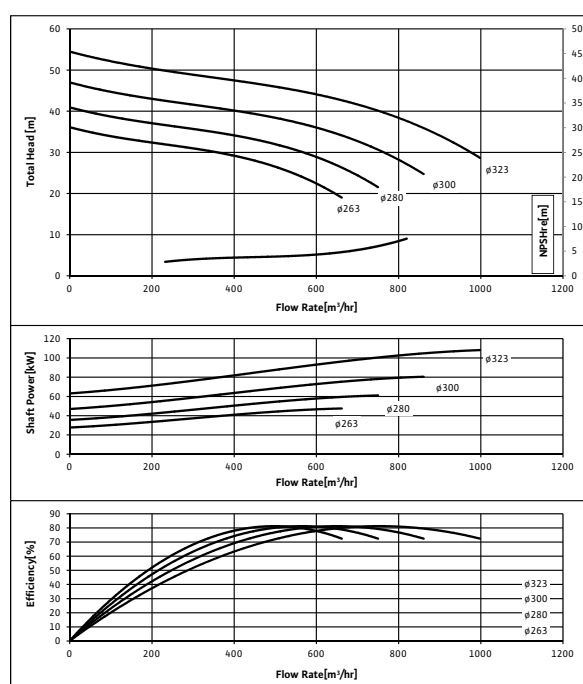
## SCP/SCPV Series

### Performance Curve 4Pole

## SCP 150/530HA



## SCP 200/320HA



# Split Case Pumps/Vertical Split Case Pumps

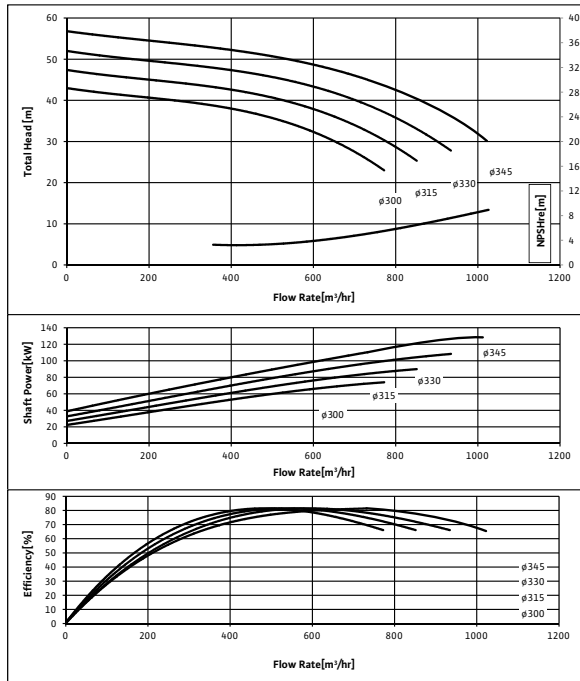
SCP/SCPV Series

wilo

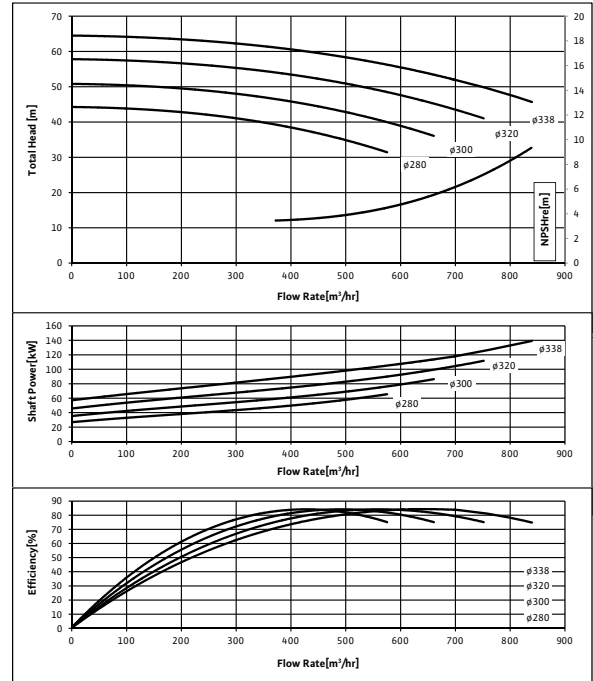
SCP/SCPV Series

Performance Curve 4Pole

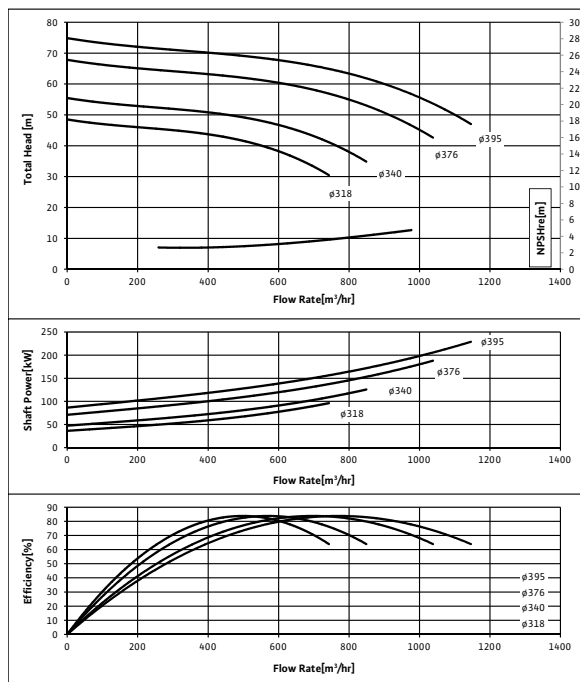
## SCP 200/360HB



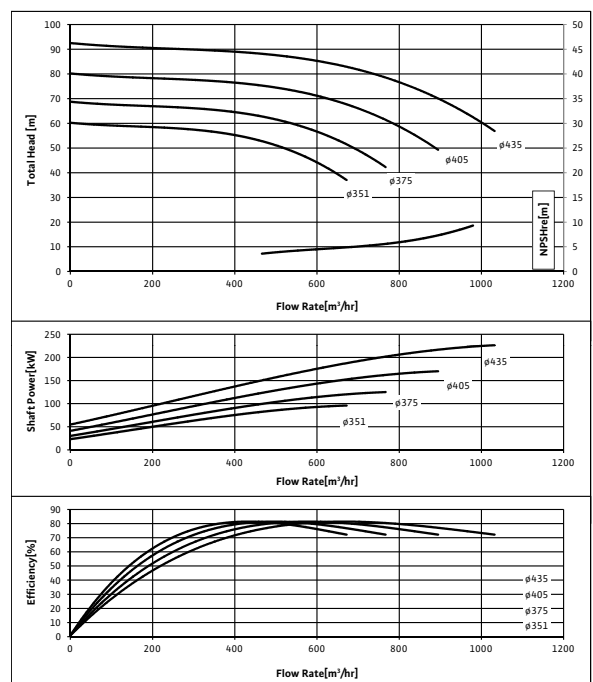
## SCP 200/370HA



## SCP 200/390HA



## SCP 200/440HA



# Split Case Pumps/Vertical Split Case Pumps

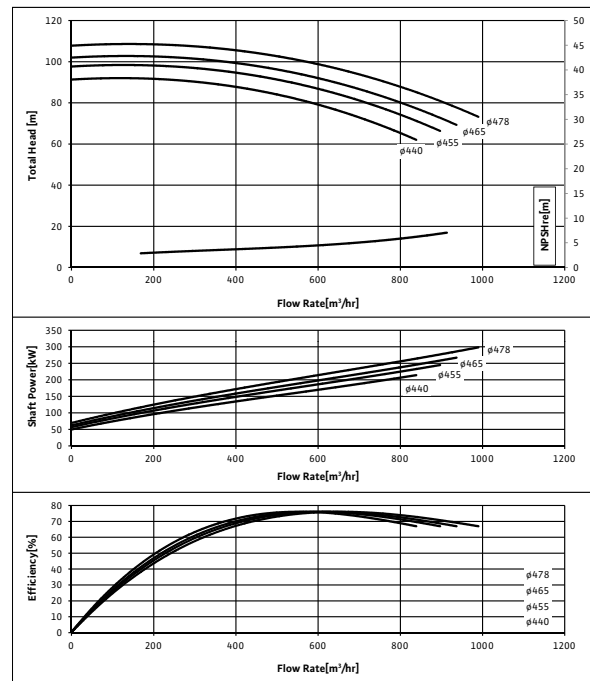
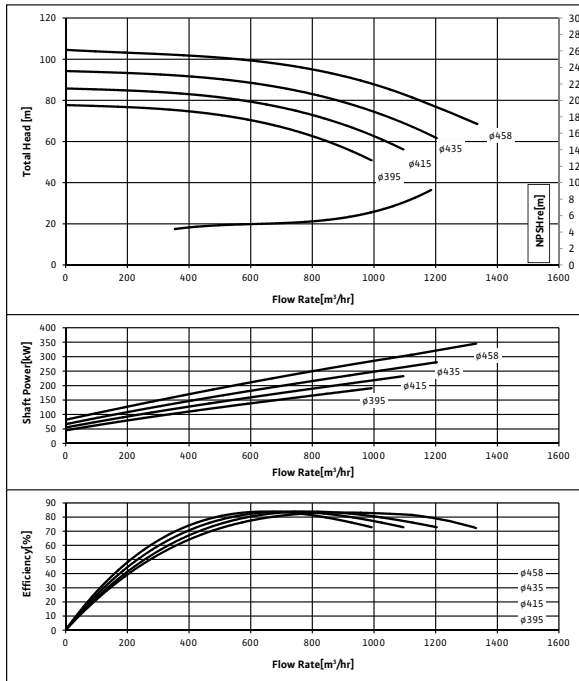
SCP/SCPV Series

SCP/SCPV Series

Performance Curve 4Pole

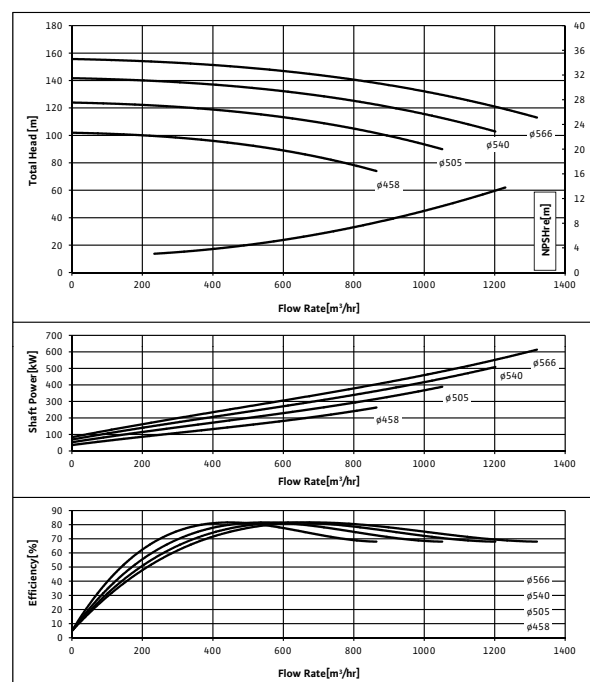
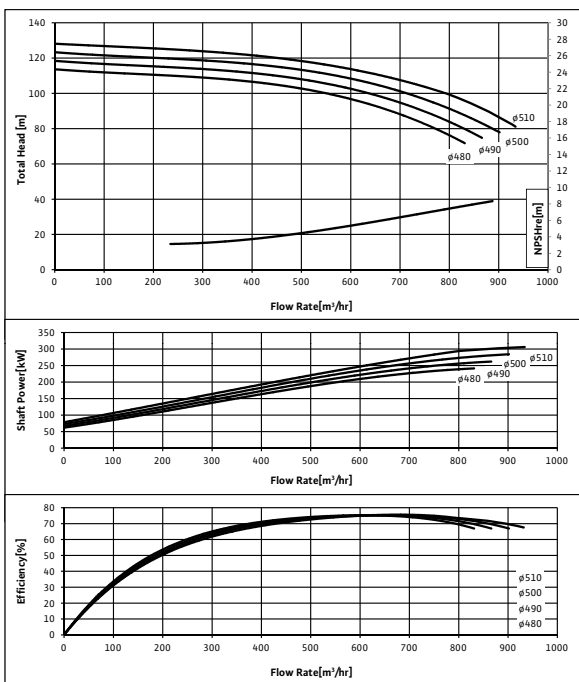
## SCP 200/460HA

## SCP 200/480HA



## SCP 200/550HA

## SCP 200/560HA



# Split Case Pumps/Vertical Split Case Pumps

SCP/SCPV Series

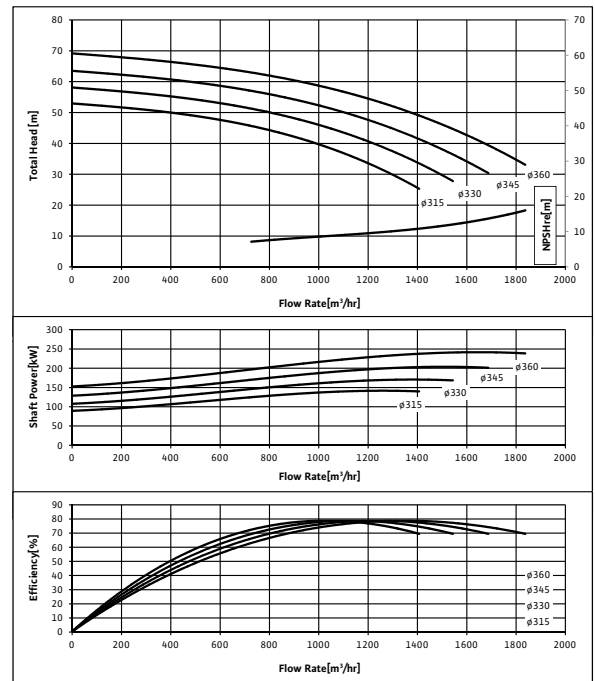
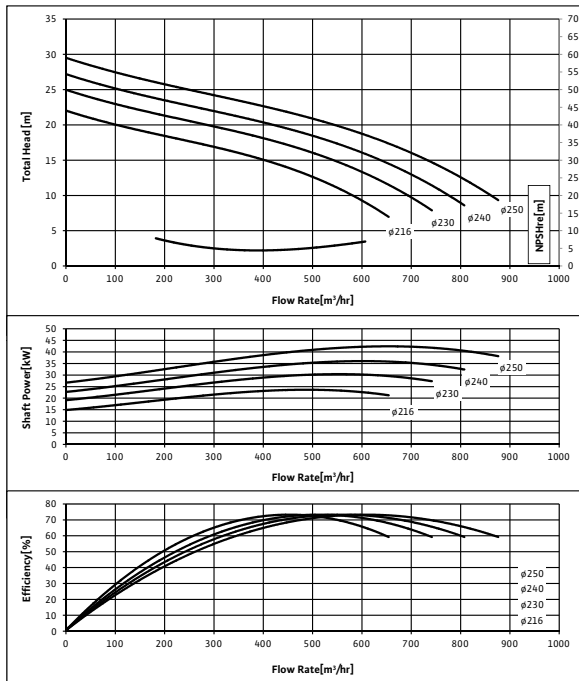
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## SCP/SCPV Series

## Performance Curve 4Pole

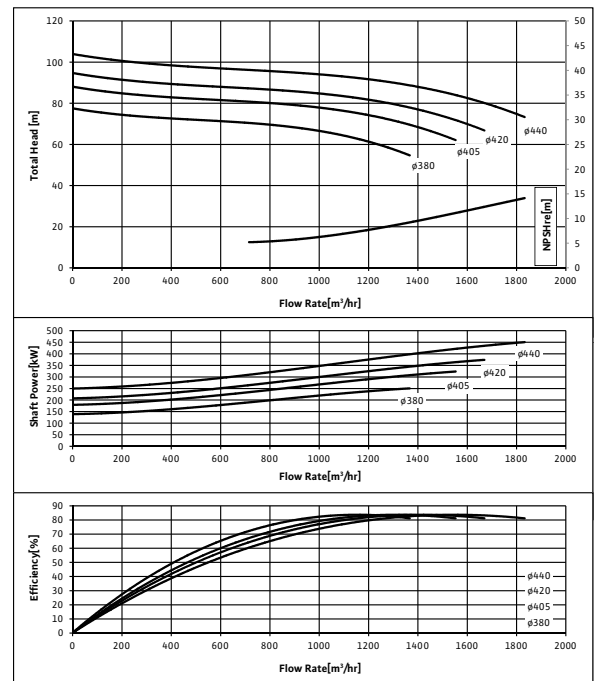
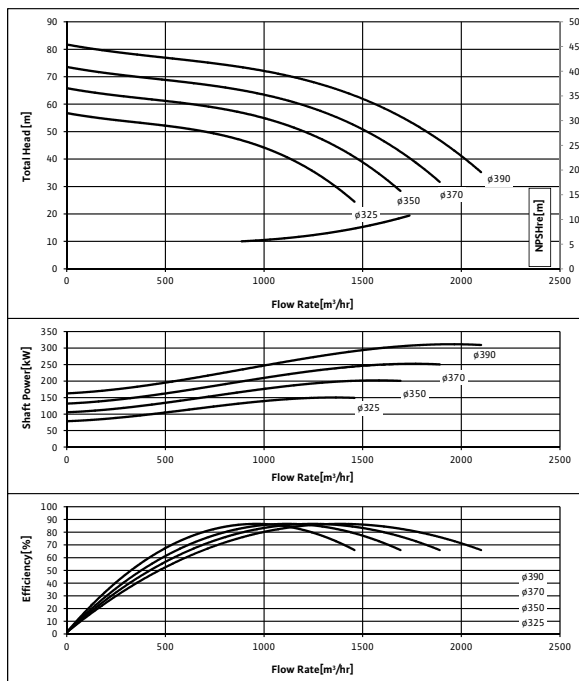
### SCP 250/250HA

### SCP 250/360HA



### SCP 250/390HA

### SCP 250/450HA



# Split Case Pumps/Vertical Split Case Pumps

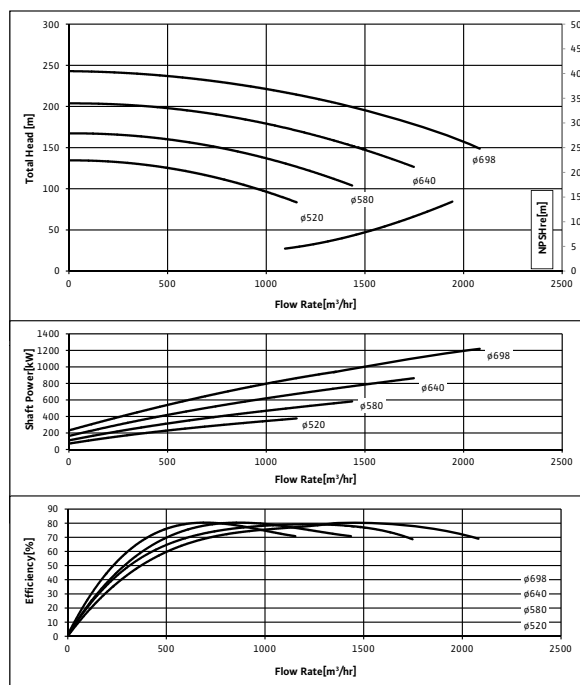
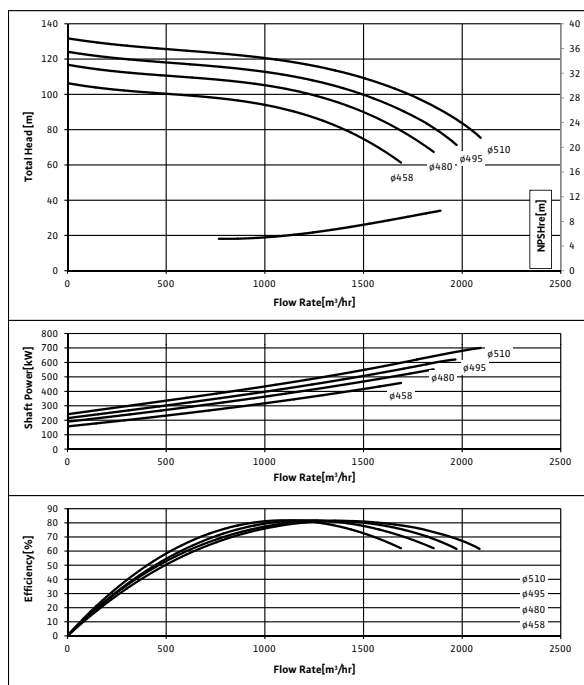
SCP/SCPV Series

SCP/SCPV Series

Performance Curve 4Pole

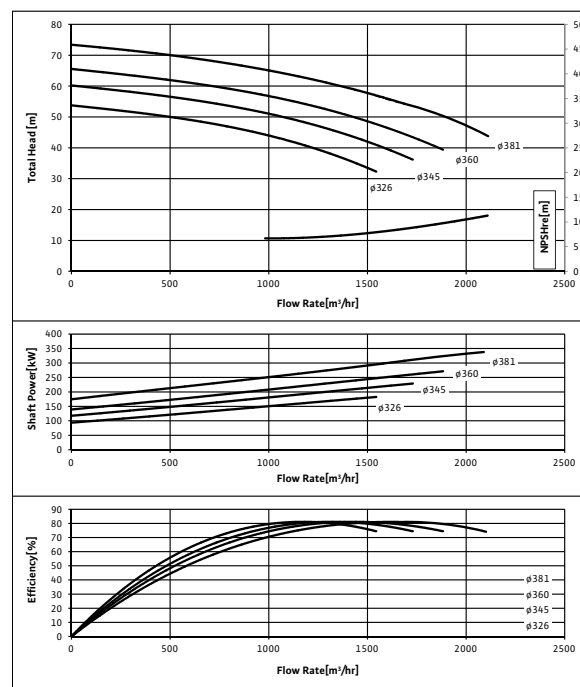
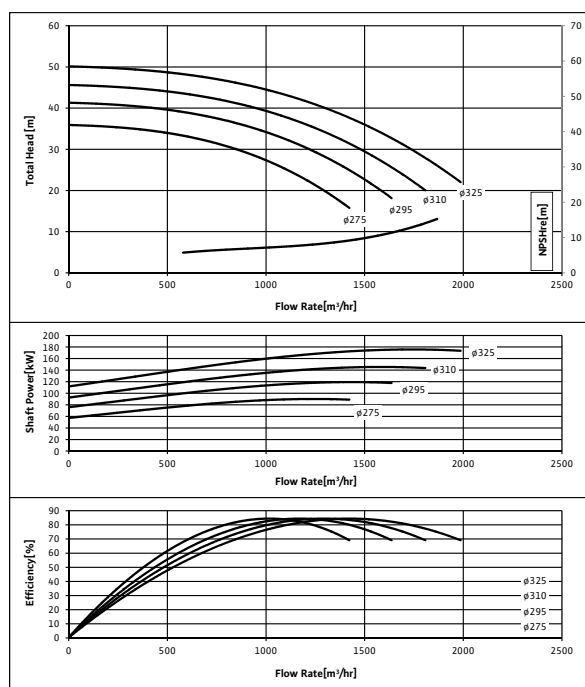
SCP 250/570HA

SCP 250/700DV



SCP 300/330HB

SCP 300/380HA





# Split Case Pumps/Vertical Split Case Pumps

SCP/SCPV Series

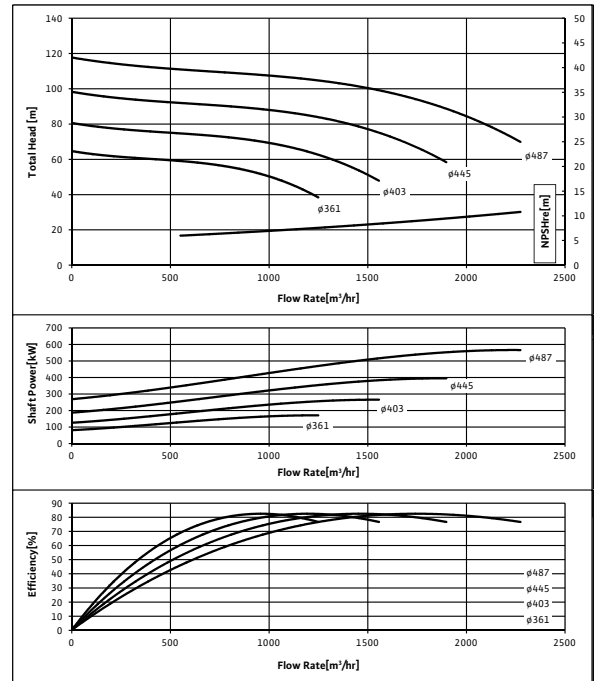
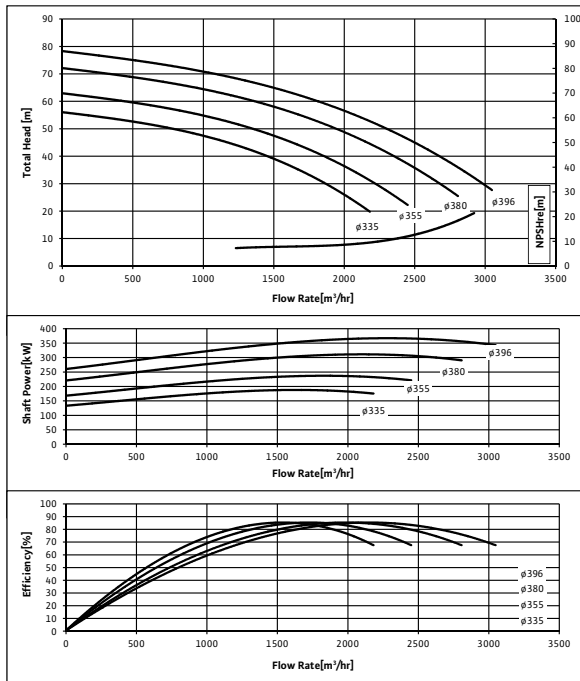
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SCP/SCPV Series

Performance Curve 4Pole

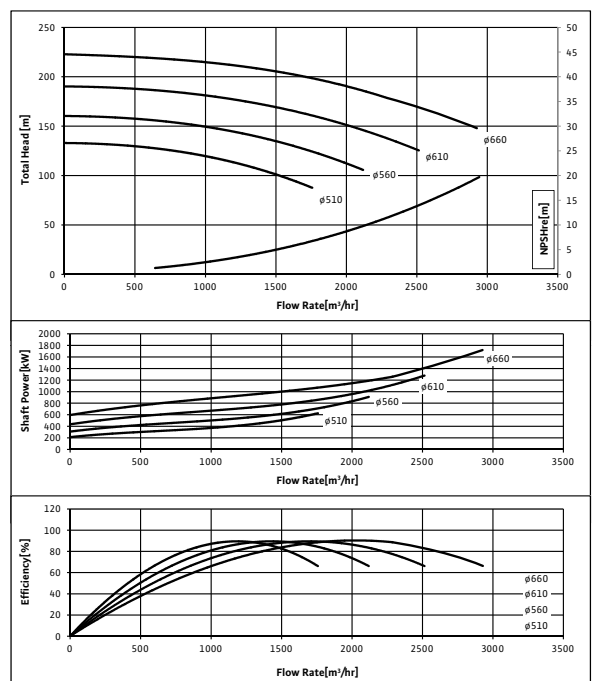
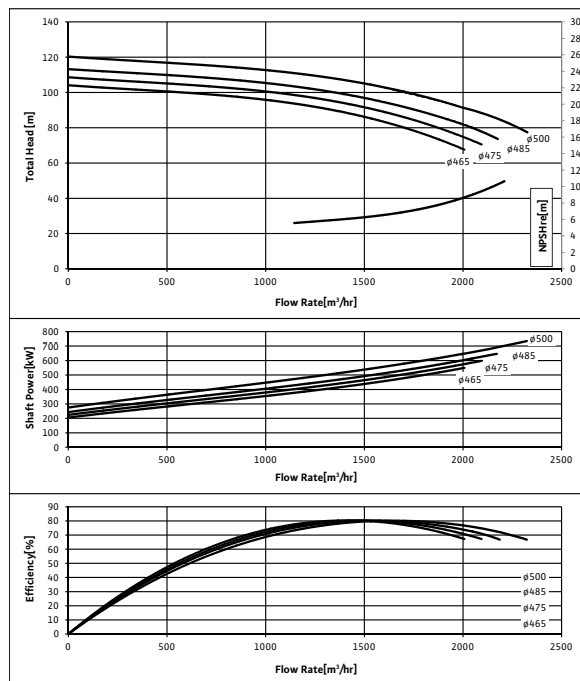
SCP 300/400HA

SCP 300/490HA



SCP 300/570HA

SCP 300/660DV



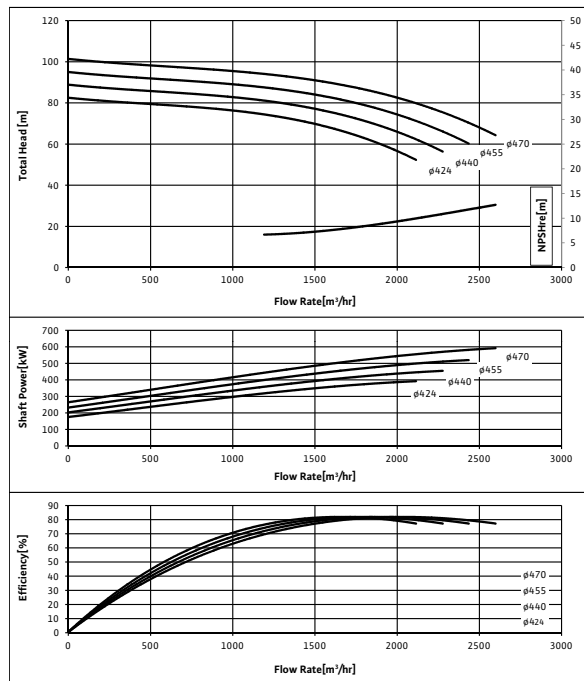
# Split Case Pumps/Vertical Split Case Pumps

SCP/SCPV Series

SCP/SCPV Series

Performance Curve 4Pole

SCP 350/470HA

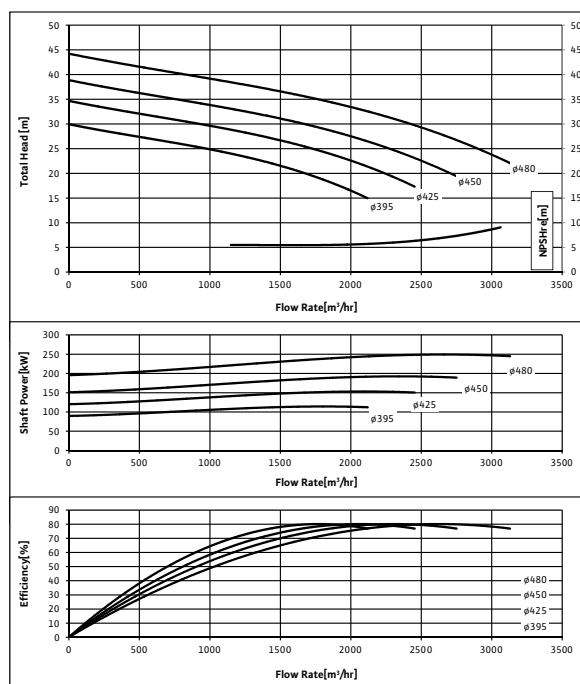
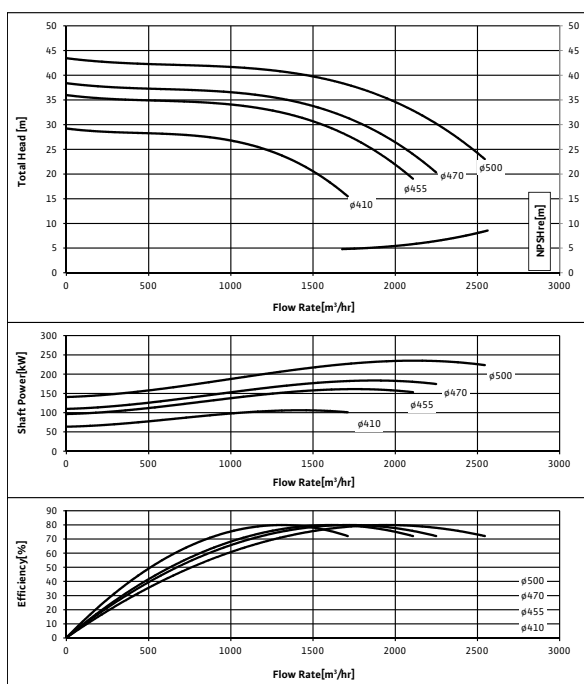


Split Case Pumps/Vertical Split Case Pumps-SCP/SCPV Series

Performance Curve 6Pole

SCP 350/500HA

SCP 400/480HA



# Split Case Pumps/Vertical Split Case Pumps

SCP/SCPV Series

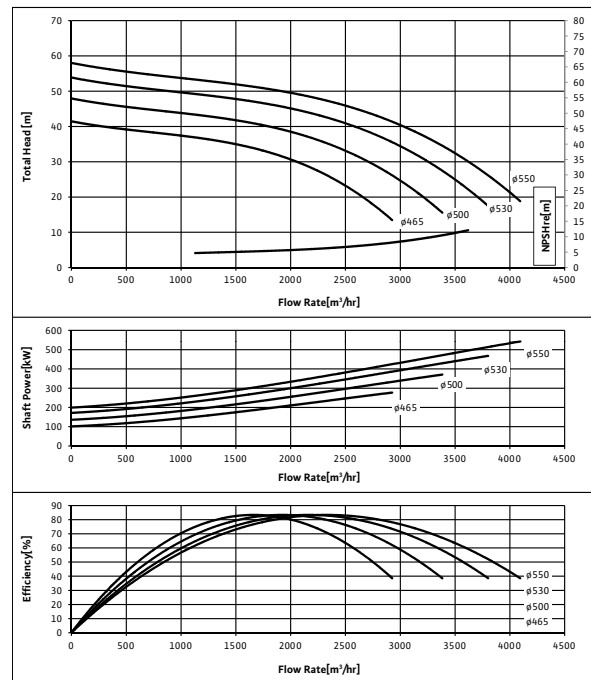
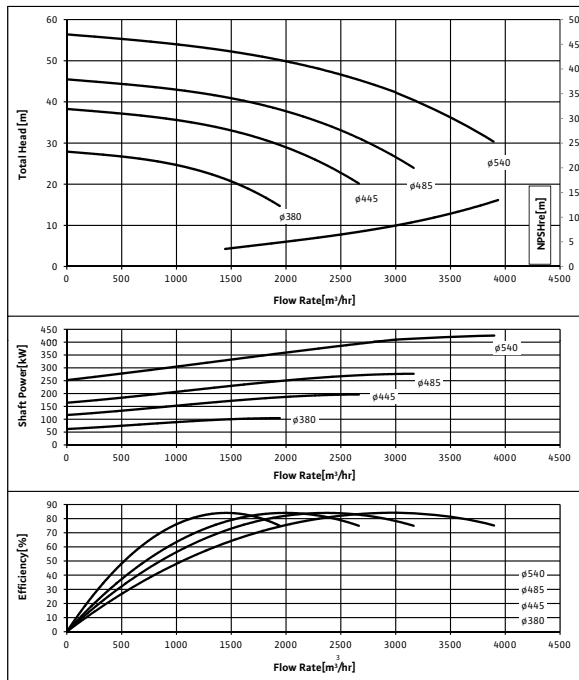
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SCP/SCPV Series

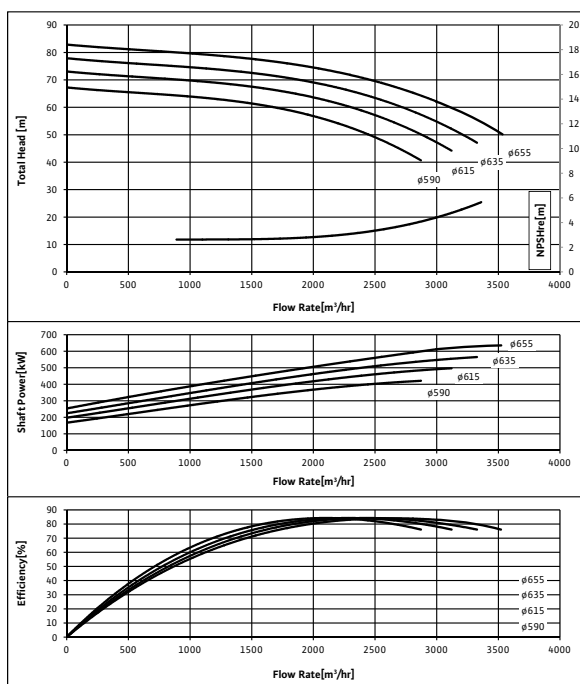
Performance Curve 6Pole

## SCP 400/540HA

## SCP 400/550HA



## SCP 400/710HA



*wilo*



Pioneering for You

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