



## VIP Tehnika d.o.o.

Zgornji Duplek 30e  
2241 Spodnji Duplek

Tel.: 00386 (0)2 684-00-60

Fax.: 00386 (0)2 681-01-62

Email: [vip.tehnika@siol.net](mailto:vip.tehnika@siol.net)  
[www.vip-tehnika.si](http://www.vip-tehnika.si)

## Filtrske črpalke ITT VOGEL tip LMS

Enostopenjske črpalke v vertikalni monoblok izvedbi s predfiltrom na sesalni strani in mrežo.

Območje delovanja: pretok: do 600 m<sup>3</sup>/h

Tlak: do 39m

Velikosti: DN 40 do DN 150 (tlačni priključek črpalke) po DIN 2501

Temperatura: maksimalno 50°C

Maksimalni tlak ohišja: 4 bar

Področje uporabe: zunanji ali notranji plavalni bazeni, privatna ali javna termalna kopališča, industrijska voda in cirkulacija hladilne vode



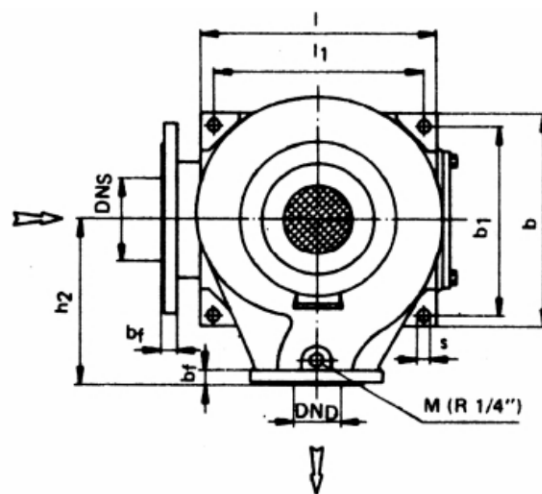
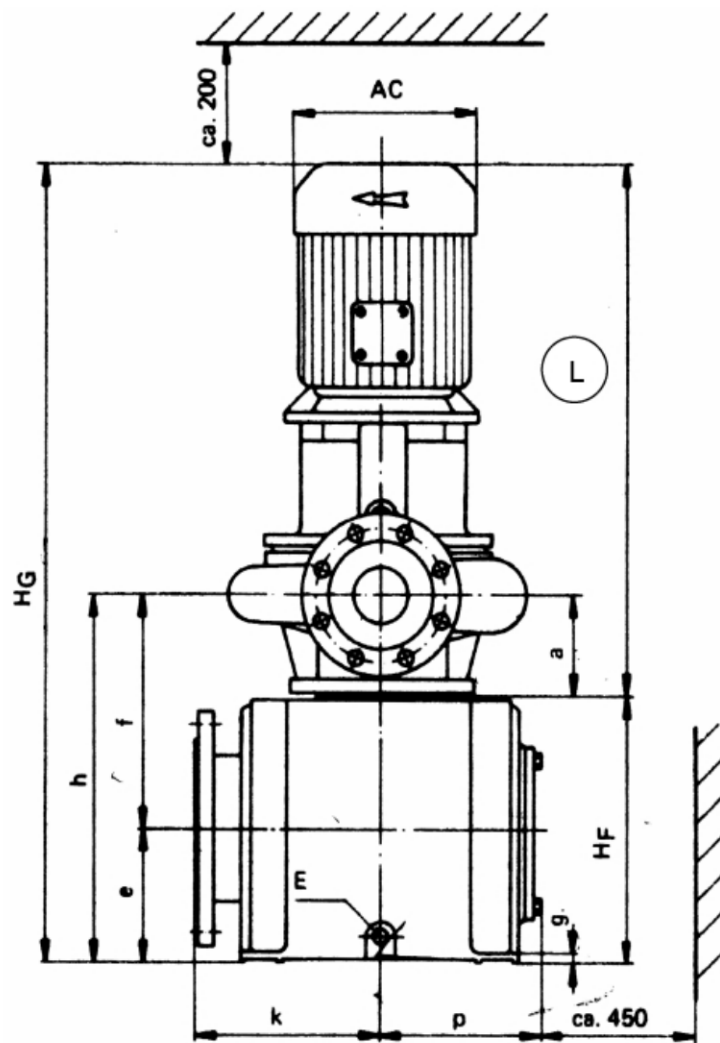
**LMS s predfiltrom INOX**



**LMS s predfiltrom siva litina**

### **IZVEDBA:**

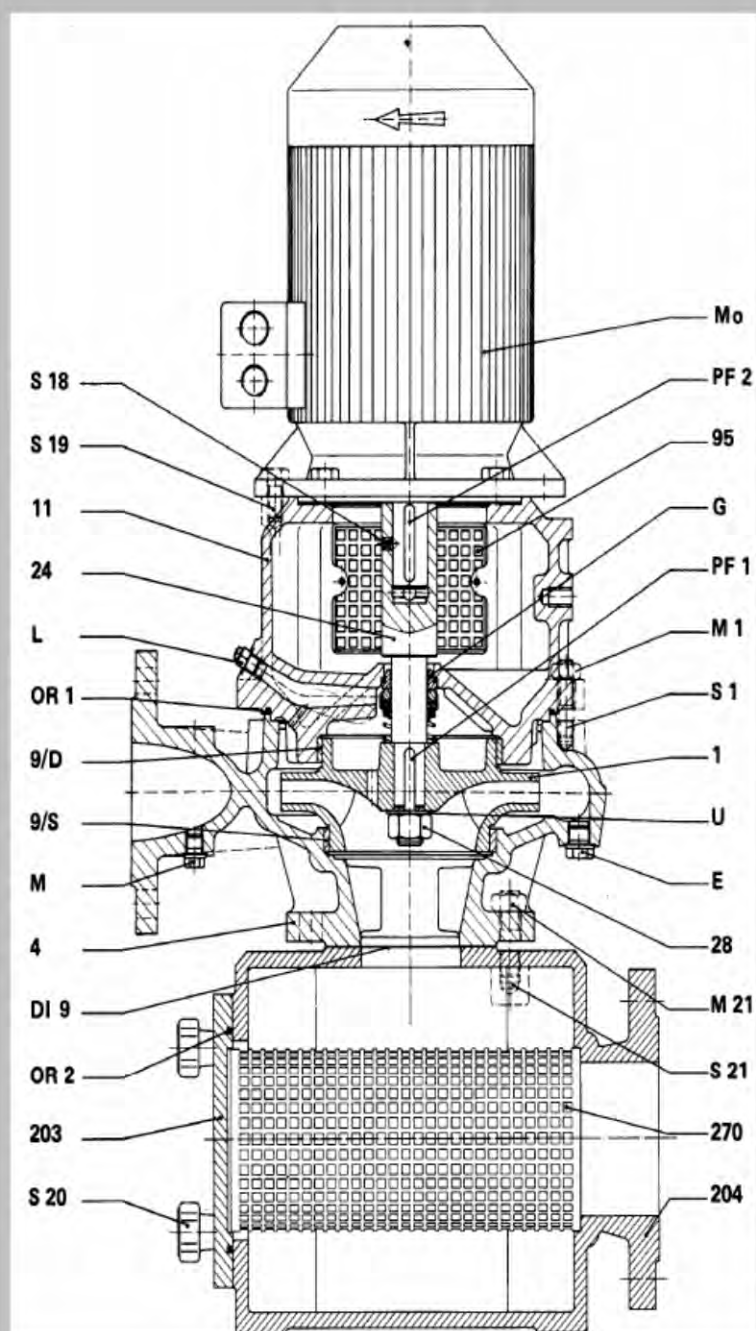
Enostopenjske črpalke z zaprtim radialnim tekačem, vertikalno nameščene, z mehanskih drsnim tesnilom (SiC/SiC /VITON). Os črpalke je neposredno vezana na elektromotor. Črpalka je izvedena s t. im. "black pull out" izvedbo, ki omogoča dostop do tekača in mehanskega drsnega tesnila brez poseganja v namestitev ohišja črpalke in priključkov. Sesalna prirobnica črpalke je privijačena na ohišje predfiltra, pri čemer mrežica preprečuje vstop grobih in vlaknastih delcev v črpalko. Po odpiranju ohišja predfiltra lahko mrežico odstranimo in očistimo ne da bi pri tem morali demontirati črpalko ali cevovod.



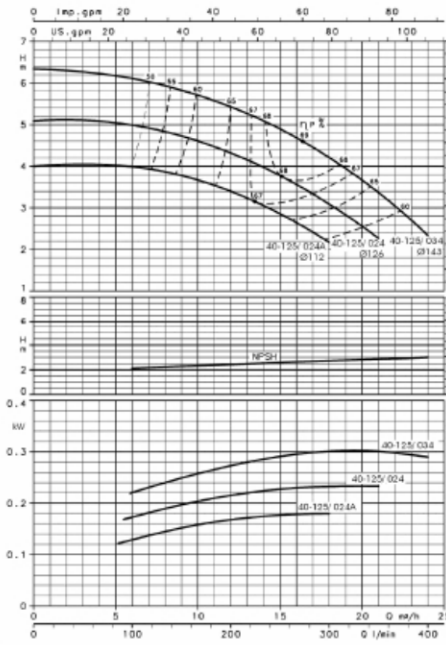
| Tip                  | Motor |      | T<br>e<br>z | DN<br>S | DN<br>D | Dimenzije črpalik |     |     |                |     |     |    |                |                |     |                |     |     |     |                |     |    |  |  |
|----------------------|-------|------|-------------|---------|---------|-------------------|-----|-----|----------------|-----|-----|----|----------------|----------------|-----|----------------|-----|-----|-----|----------------|-----|----|--|--|
|                      | kW    | A    |             |         |         | AC                | a   | b   | b <sub>1</sub> | e   | f   | g  | H <sub>e</sub> | H <sub>g</sub> | h   | h <sub>p</sub> | k   | L   | l   | l <sub>1</sub> | p   | s  |  |  |
| 40 LMS 125 U.VN 024A | 0,25  | 0,77 | 115         | 200     | 40      | 158               | 80  | 300 | 265            | 175 | 240 | 20 | 335            | 826            | 415 | 140            | 235 | 411 | 350 | 300            | 200 | 18 |  |  |
| 40 LMS 125 U.VN 024  | 0,25  | 0,77 | 115         | 200     | 40      | 158               | 80  | 300 | 265            | 175 | 240 | 20 | 335            | 826            | 415 | 140            | 235 | 411 | 350 | 300            | 200 | 18 |  |  |
| 40 LMS 125 U.VN 034  | 0,37  | 1,15 | 115         | 200     | 40      | 158               | 80  | 300 | 265            | 175 | 240 | 20 | 335            | 826            | 415 | 140            | 235 | 411 | 350 | 300            | 200 | 18 |  |  |
| 40 LMS 160 U.VN 034  | 0,37  | 1,15 | 119         | 200     | 40      | 158               | 80  | 300 | 265            | 175 | 240 | 20 | 335            | 826            | 415 | 160            | 235 | 411 | 350 | 300            | 200 | 18 |  |  |
| 40 LMS 160 U.VN 054  | 0,55  | 1,45 | 128         | 200     | 40      | 158               | 80  | 300 | 265            | 175 | 240 | 20 | 335            | 858            | 415 | 160            | 235 | 443 | 350 | 300            | 200 | 18 |  |  |
| 40 LMS 200 U.VN 074  | 0,75  | 2,1  | 132         | 200     | 40      | 158               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 898            | 435 | 180            | 235 | 463 | 350 | 300            | 200 | 18 |  |  |
| 40 LMS 200 U.VN 114  | 1,1   | 2,7  | 142         | 200     | 40      | 178               | 100 | 300 | 265            | 175 | 26  | 20 | 335            | 916            | 435 | 180            | 235 | 481 | 350 | 300            | 200 | 18 |  |  |
| 40 LMS 250 U.VN 114  | 1,5   | 3,5  | 145         | 200     | 40      | 178               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 916            | 435 | 225            | 235 | 481 | 350 | 300            | 200 | 18 |  |  |
| 40 LMS 250 U.VN 154  | 2,2   | 5,1  | 145         | 200     | 40      | 178               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 942            | 435 | 225            | 235 | 507 | 350 | 300            | 200 | 18 |  |  |
| 40 LMS 250 U.VN 224  | 2,2   | 5,1  | 149         | 200     | 40      | 198               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 942            | 435 | 225            | 235 | 507 | 350 | 300            | 200 | 18 |  |  |
| 50 LMS 125 U.VN 034A | 0,37  | 1,15 | 119         | 200     | 50      | 158               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 868            | 435 | 160            | 235 | 433 | 350 | 300            | 200 | 18 |  |  |
| 50 LMS 125 U.VN 034  | 0,37  | 1,15 | 119         | 200     | 50      | 158               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 868            | 435 | 160            | 235 | 433 | 350 | 300            | 200 | 18 |  |  |
| 50 LMS 125 U.VN 054  | 0,55  | 1,45 | 122         | 200     | 50      | 158               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 900            | 435 | 160            | 235 | 465 | 350 | 300            | 200 | 18 |  |  |
| 50 LMS 160 U.VN 074  | 0,75  | 2,1  | 131         | 200     | 50      | 158               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 900            | 435 | 180            | 235 | 465 | 350 | 300            | 200 | 18 |  |  |
| 50 LMS 160 U.VN 114  | 1,1   | 2,7  | 135         | 200     | 50      | 178               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 916            | 435 | 180            | 235 | 481 | 350 | 300            | 200 | 18 |  |  |
| 50 LMS 200 U.VN 114  | 1,1   | 2,7  | 135         | 200     | 50      | 178               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 916            | 435 | 200            | 235 | 481 | 350 | 300            | 200 | 18 |  |  |
| 50 LMS 200 U.VN 154  | 1,5   | 3,5  | 137         | 200     | 50      | 178               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 916            | 435 | 200            | 235 | 481 | 350 | 300            | 200 | 18 |  |  |
| 50 LMS 250 U.VN 224A | 2,2   | 5,1  | 149         | 200     | 50      | 198               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 942            | 435 | 225            | 235 | 507 | 350 | 300            | 200 | 18 |  |  |
| 50 LMS 250 U.VN 224  | 2,2   | 5,1  | 149         | 200     | 50      | 198               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 942            | 435 | 225            | 235 | 507 | 350 | 300            | 200 | 18 |  |  |
| 50 LMS 250 U.VN 304  | 3,0   | 6,8  | 152         | 200     | 50      | 198               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 942            | 435 | 225            | 235 | 507 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 125 U.VN 054  | 0,55  | 1,45 | 135         | 200     | 65      | 158               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 900            | 435 | 180            | 235 | 465 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 125 U.VN 074  | 0,75  | 1,9  | 135         | 200     | 65      | 158               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 900            | 435 | 180            | 235 | 465 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 125 U.VN 114  | 1,1   | 2,55 | 139         | 200     | 65      | 178               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 916            | 435 | 180            | 235 | 481 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 160 U.VN 114  | 1,1   | 2,7  | 146         | 200     | 65      | 178               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 916            | 435 | 200            | 235 | 481 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 160 U.VN 154  | 1,5   | 3,5  | 149         | 200     | 65      | 178               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 916            | 435 | 200            | 235 | 481 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 200 U.VN 224  | 2,2   | 5,1  | 153         | 200     | 65      | 198               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 942            | 435 | 200            | 235 | 507 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 200 U.VN 154  | 1,5   | 3,5  | 149         | 200     | 65      | 178               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 916            | 435 | 225            | 235 | 481 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 200 U.VN 224  | 2,2   | 5,1  | 153         | 200     | 65      | 198               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 942            | 435 | 225            | 235 | 507 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 250 U.VN 304  | 3,0   | 6,8  | 155         | 200     | 65      | 198               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 942            | 435 | 225            | 235 | 507 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 250 U.VN 404  | 4,0   | 8,6  | 195         | 200     | 65      | 221               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 965            | 435 | 250            | 235 | 530 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 250 U.VN 554  | 5,5   | 12,2 | 201         | 200     | 65      | 248               | 100 | 300 | 265            | 175 | 260 | 20 | 335            | 1001           | 435 | 250            | 235 | 566 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 315 U.VN 754  | 7,5   | 15,1 | 258         | 200     | 65      | 248               | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 1185           | 460 | 280            | 235 | 725 | 350 | 300            | 200 | 18 |  |  |
| 65 LMS 315 U.VN 1104 | 11,0  | 22,5 | 302         | 200     | 65      | 310               | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 1349           | 460 | 280            | 235 | 889 | 350 | 300            | 200 | 18 |  |  |



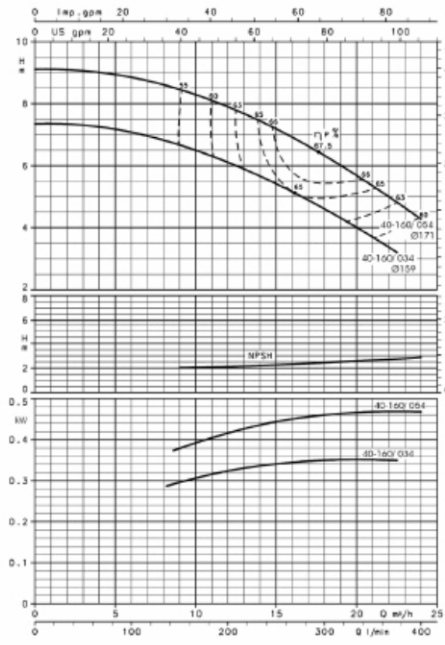
| Tip                   | Motor |      | T<br>e<br>z | DN<br>S | DN<br>D | Dimenzije črpalk |     |     |                |     |     |    |                |                |     |                |     |      |     |     |     |    |  |  |
|-----------------------|-------|------|-------------|---------|---------|------------------|-----|-----|----------------|-----|-----|----|----------------|----------------|-----|----------------|-----|------|-----|-----|-----|----|--|--|
|                       | kW    | A    |             |         |         | AC               | a   | b   | b <sub>1</sub> | e   | f   | g  | H <sub>p</sub> | H <sub>0</sub> | h   | h <sub>2</sub> | k   | L    | l   | h   | p   | s  |  |  |
| 80 LMS 160 U/NN 154   | 1,5   | 2,5  | 154         | 200     | 80      | 178              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 841            | 460 | 225            | 235 | 506  | 350 | 300 | 200 | 18 |  |  |
| 80 LMS 160 U/NN 224   | 2,2   | 5,1  | 159         | 200     | 80      | 198              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 867            | 460 | 225            | 235 | 532  | 350 | 300 | 200 | 18 |  |  |
| 80 LMS 200 U/NN 304   | 3,0   | 6,48 | 170         | 200     | 80      | 198              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 867            | 460 | 250            | 235 | 532  | 350 | 300 | 200 | 18 |  |  |
| 80 LMS 200 U/NN 404   | 4,0   | 8,6  | 193         | 200     | 80      | 221              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 890            | 460 | 250            | 235 | 555  | 350 | 300 | 200 | 18 |  |  |
| 80 LMS 250 U/NN 404   | 4,0   | 8,6  | 190         | 200     | 80      | 221              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 890            | 460 | 280            | 235 | 555  | 350 | 300 | 200 | 18 |  |  |
| 80 LMS 250 U/NN 554   | 5,5   | 11,1 | 196         | 200     | 80      | 248              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 926            | 460 | 280            | 235 | 591  | 350 | 300 | 200 | 18 |  |  |
| 80 LMS 250 U/NN 754   | 7,5   | 14,8 | 206         | 200     | 80      | 248              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 964            | 460 | 280            | 235 | 629  | 350 | 300 | 200 | 18 |  |  |
| 80 LMS 315 U/NN 1104  | 11,0  | 22   | 308         | 200     | 80      | 310              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 1224           | 460 | 315            | 235 | 889  | 350 | 300 | 200 | 18 |  |  |
| 80 LMS 315 U/NN 1504  | 15,0  | 29   | 328         | 200     | 80      | 310              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 1224           | 460 | 315            | 235 | 889  | 350 | 300 | 200 | 18 |  |  |
|                       |       |      |             |         |         |                  |     |     |                |     |     |    |                |                |     |                |     |      |     |     |     |    |  |  |
| 100 LMS 160 U/NN 304  | 3,0   |      | 200         | 200     | 100     | 198              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 963            | 460 | 280            | 235 | 628  | 350 | 300 | 200 | 18 |  |  |
| 100 LMS 200 U/NN 404  | 4,0   | 8,09 | 210         | 200     | 100     | 221              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 986            | 460 | 280            | 235 | 651  | 350 | 300 | 200 | 18 |  |  |
| 100 LMS 200 U/NN 554  | 5,5   | 10,1 | 221         | 200     | 100     | 248              | 125 | 300 | 265            | 175 | 285 | 20 | 335            | 1022           | 460 | 280            | 235 | 687  | 350 | 300 | 200 | 18 |  |  |
| 100 LMS 250 U/NN 754  | 7,5   | 13,7 | 261         | 200     | 100     | 248              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1075           | 475 | 280            | 235 | 740  | 350 | 300 | 200 | 18 |  |  |
| 100 LMS 250 U/NN 1104 | 11,0  | 20,1 | 305         | 200     | 100     | 310              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1239           | 475 | 280            | 235 | 904  | 350 | 300 | 200 | 18 |  |  |
| 100 LMS 315 U/NN 1504 | 15,0  | 26,7 | 337         | 200     | 100     | 310              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1239           | 475 | 315            | 235 | 904  | 350 | 300 | 200 | 18 |  |  |
| 100 LMS 315 U/NN 1854 | 18,5  | 32,8 | 372         | 200     | 100     | 351              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1239           | 475 | 315            | 235 | 904  | 350 | 300 | 200 | 18 |  |  |
| 100 LMS 315 U/NN 2204 | 22,0  | 38,7 | 382         | 200     | 100     | 351              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1314           | 475 | 315            | 235 | 979  | 350 | 300 | 200 | 18 |  |  |
|                       |       |      |             |         |         |                  |     |     |                |     |     |    |                |                |     |                |     |      |     |     |     |    |  |  |
| 125 LMS 200 U/NN 554  | 5,5   | 10,1 | 252         | 200     | 125     | 248              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1052           | 475 | 315            | 235 | 717  | 350 | 300 | 200 | 18 |  |  |
| 125 LMS 200 U/NN 754  | 7,5   | 13,7 | 265         | 200     | 125     | 248              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1090           | 475 | 315            | 235 | 755  | 350 | 300 | 200 | 18 |  |  |
| 125 LMS 250 U/NN 1104 | 11,0  | 20,1 | 307         | 200     | 125     | 310              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1239           | 475 | 355            | 235 | 904  | 350 | 300 | 200 | 18 |  |  |
| 125 LMS 250 U/NN 1504 | 15,0  | 26,7 | 327         | 200     | 125     | 310              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1239           | 475 | 355            | 235 | 904  | 350 | 300 | 200 | 18 |  |  |
| 125 LMS 250 U/NN 1854 | 18,5  | 32,8 | 363         | 200     | 125     | 351              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1239           | 475 | 355            | 235 | 904  | 350 | 300 | 200 | 18 |  |  |
| 125 LMS 315 U/NN 2204 | 22,0  | 38,7 | 434         | 200     | 125     | 351              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1329           | 475 | 355            | 235 | 994  | 350 | 300 | 200 | 18 |  |  |
| 125 LMS 315 U/NN 3004 | 30,0  | 54   | 519         | 200     | 125     | 375              | 140 | 300 | 265            | 175 | 300 | 20 | 335            | 1329           | 475 | 355            | 235 | 994  | 350 | 300 | 200 | 18 |  |  |
|                       |       |      |             |         |         |                  |     |     |                |     |     |    |                |                |     |                |     |      |     |     |     |    |  |  |
| 150 LMS 250 U/NN 1504 | 15,0  | 29   | 390         | 250     | 150     | 310              | 160 | 390 | 350            | 220 | 450 | 20 | 510            | 1492           | 670 | 375            | 305 | 939  | 450 | 380 | 289 | 25 |  |  |
| 150 LMS 250 U/NN 1854 | 18,5  | 37   | 425         | 250     | 150     | 351              | 160 | 390 | 350            | 220 | 450 | 20 | 510            | 1492           | 670 | 375            | 305 | 939  | 450 | 380 | 289 | 25 |  |  |
| 150 LMS 250 U/NN 2204 | 22,0  | 42   | 435         | 250     | 150     | 351              | 160 | 390 | 350            | 220 | 450 | 20 | 510            | 1492           | 670 | 375            | 305 | 1014 | 450 | 380 | 289 | 25 |  |  |
| 150 LMS 250 U/NN 3004 | 30,0  | 56   | 520         | 250     | 150     | 375              | 160 | 390 | 350            | 220 | 450 | 20 | 510            | 1527           | 670 | 375            | 305 | 1014 | 450 | 380 | 289 | 25 |  |  |
| 150 LMS 315 U/NN 3004 | 30,0  | 56   | 538         | 250     | 150     | 375              | 160 | 390 | 350            | 220 | 450 | 20 | 510            | 1522           | 670 | 400            | 305 | 1014 | 450 | 380 | 289 | 25 |  |  |



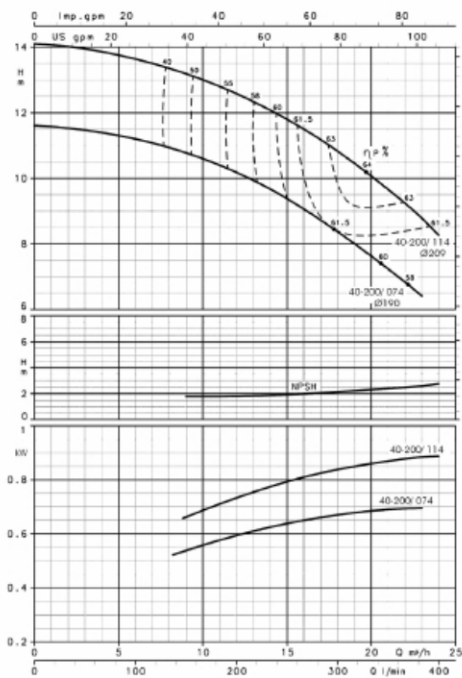
|             |                                        |
|-------------|----------------------------------------|
| <b>1</b>    | Impeller                               |
| <b>4</b>    | pump casing                            |
| <b>9/D</b>  | wear ring, drive side (upon request)   |
| <b>9/S</b>  | wear ring, suction side (upon request) |
| <b>11</b>   | lantern                                |
| <b>24</b>   | shaft                                  |
| <b>28</b>   | impeller nut                           |
| <b>95</b>   | coupling guard                         |
| <b>203</b>  | cover                                  |
| <b>204</b>  | strainer casing                        |
| <b>270</b>  | suction strainer                       |
| <b>DI 9</b> | joint                                  |
| <b>E</b>    | drain plug                             |
| <b>G</b>    | mechanical seal                        |
| <b>L</b>    | air release                            |
| <b>M</b>    | connection for pressure gauge          |
| <b>M 1</b>  | hexagonal nut                          |
| <b>M 21</b> | hexagonal nut                          |
| <b>Mo</b>   | motor                                  |
| <b>OR 1</b> | O-ring                                 |
| <b>OR 2</b> | O-ring                                 |
| <b>PF 1</b> | impeller key                           |
| <b>PF 2</b> | motor key                              |
| <b>S 1</b>  | stud bolt                              |
| <b>S 18</b> | stud bolt                              |
| <b>S 19</b> | hexagonal screw                        |
| <b>S 20</b> | screw cover                            |
| <b>S 21</b> | stud bolt                              |
| <b>U</b>    | washer for impeller nut                |



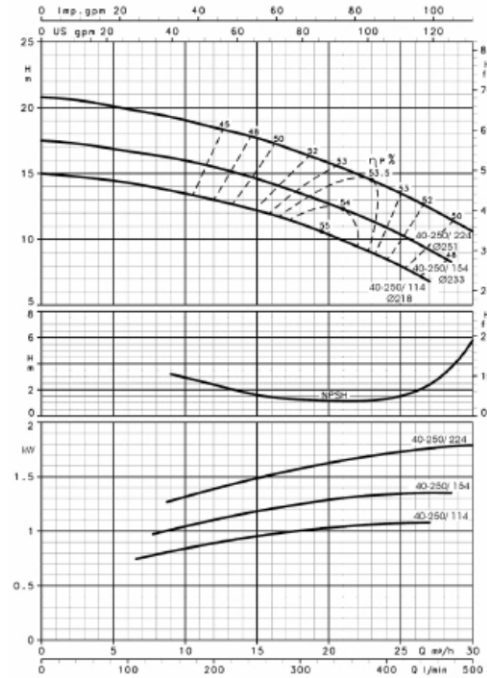
**40 LMS 125/ 024 A (Ø 112)**  
**40 LMS 125/ 024 (Ø 126)**  
**40 LMS 125/ 034 (Ø 143)**



**40 LMS 160/ 034 (Ø 159)**  
**40 LMS 160/054 (Ø 171)**

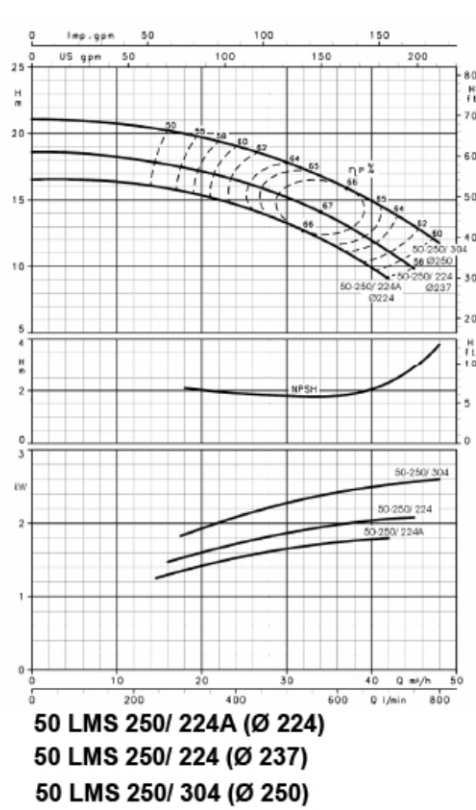
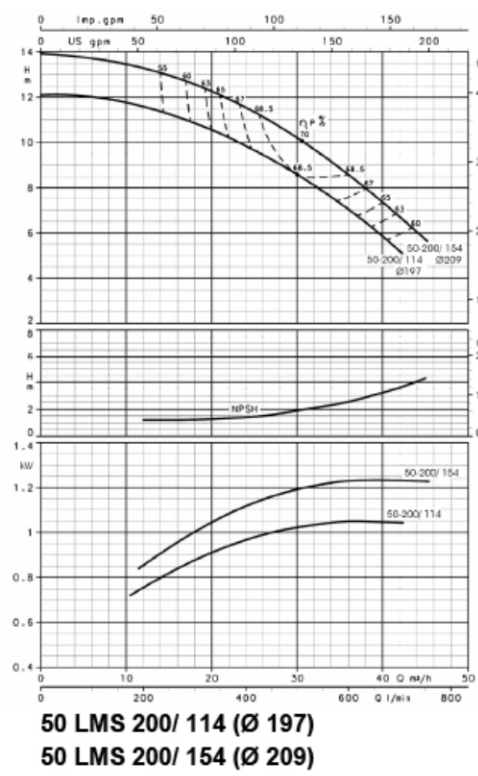
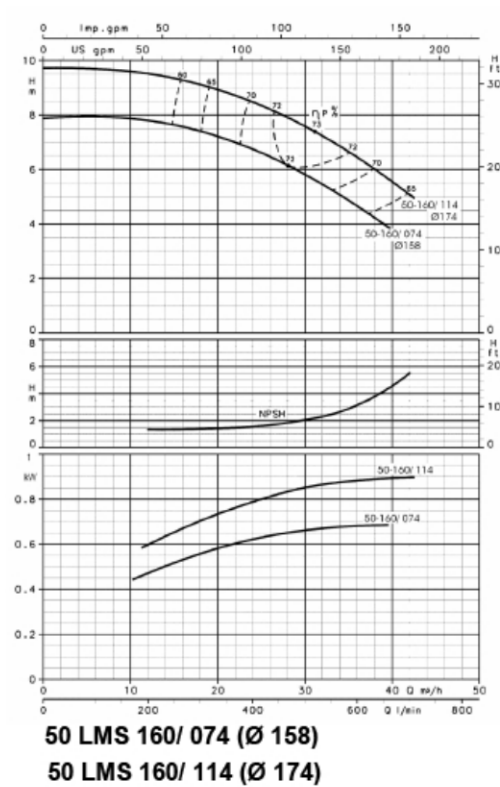
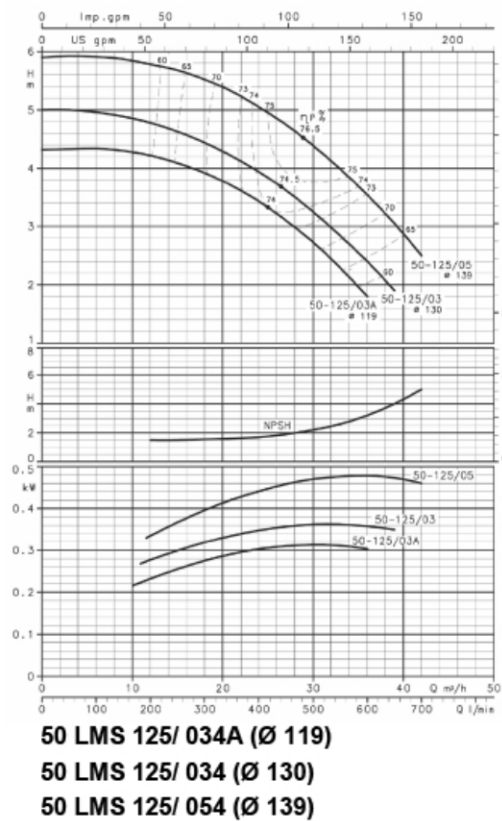


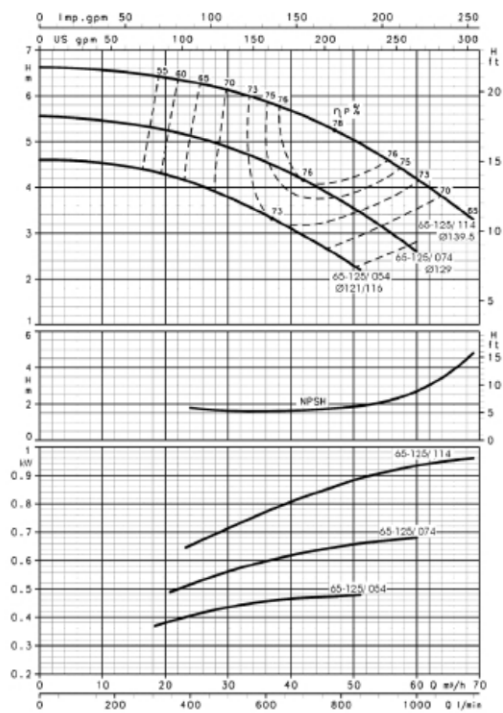
**40 LMS 200/ 074 (Ø 190)**  
**40 LMS 200/ 114 (Ø 114)**



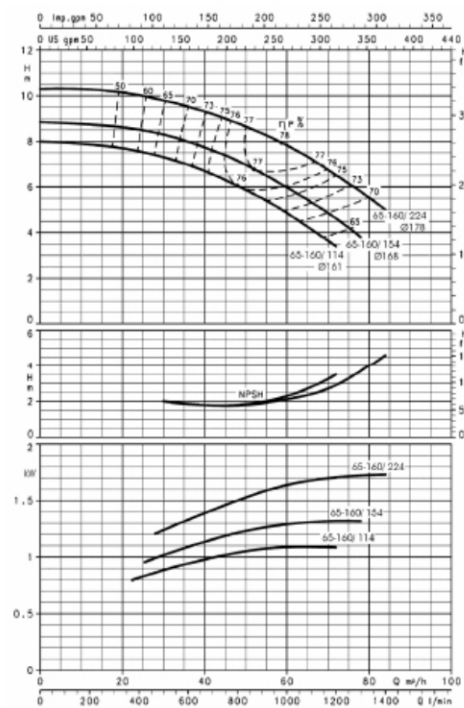
**40 LMS 250/ 114 (Ø 218)**  
**40 LMS 250/ 154 (Ø 233)**  
**40 LMS 250/ 224 (Ø 251)**



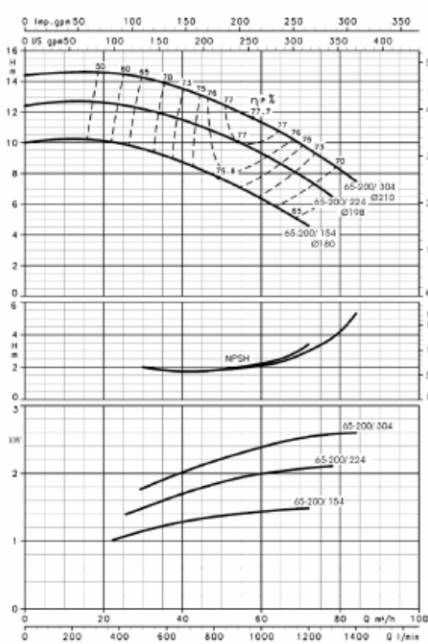




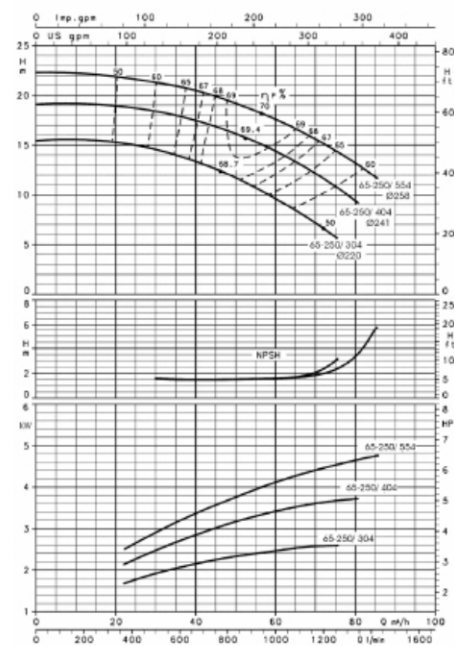
**65 LMS 125/ 054 (Ø 121/116)**  
**65 LMS 125/ 074 (Ø 129)**  
**65 LMS 125/ 114 (Ø 139.5)**



**65 LMS 160/ 114 (Ø 161)**  
**65 LMS 160/ 154 (Ø 168)**  
**65 LMS 160/ 224 (Ø 178)**

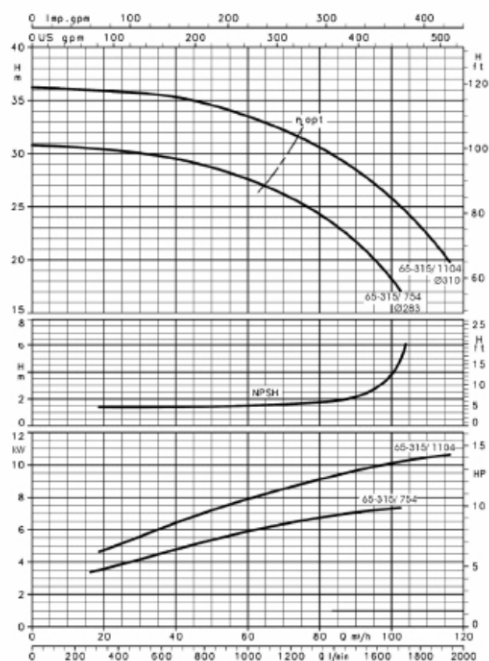


**65 LMS 200/ 154 (Ø 180)**  
**65 LMS 200/ 224 (Ø 198)**  
**65 LMS 200/ 304 (Ø 210)**

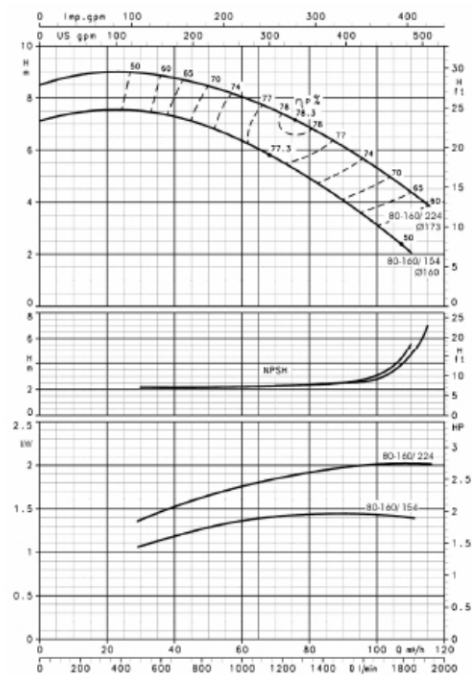


**65 LMS 250/ 304 (Ø 220)**  
**65 LMS 250/ 404 (Ø 241)**  
**65 LMS 250/ 554 (Ø 258)**

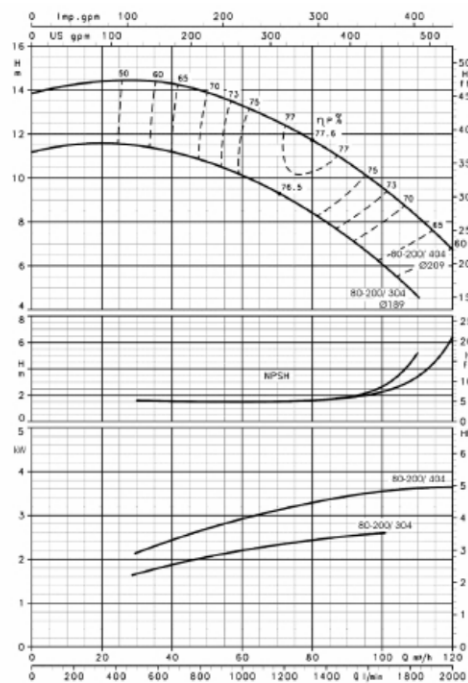




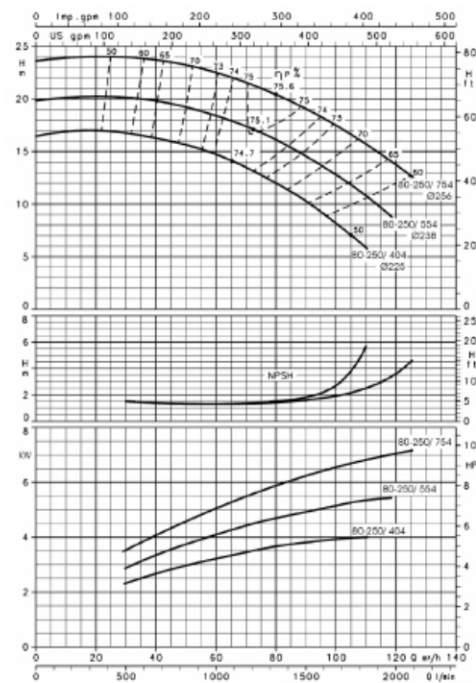
**65 LMS 315/ 754 (Ø 283)**  
**65 LMS 315/ 1104 (Ø 310)**



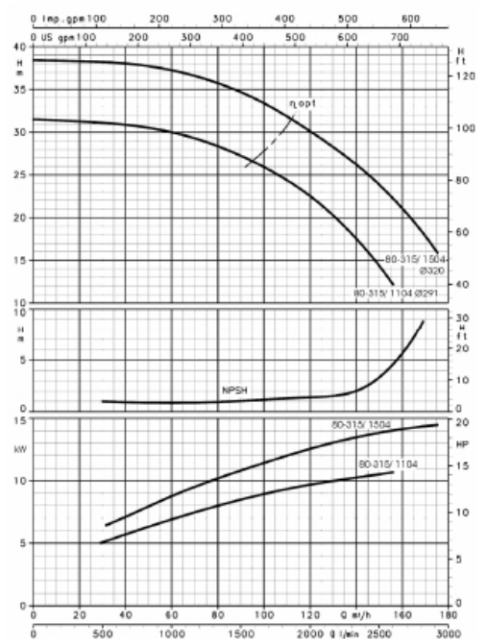
**80 LMS 160/ 154 (Ø 160)**  
**80 LMS 160/ 224 (Ø 173)**



**80 LMS 200/ 304 (Ø 189)**  
**80 LMS 200/ 404 (Ø 209)**

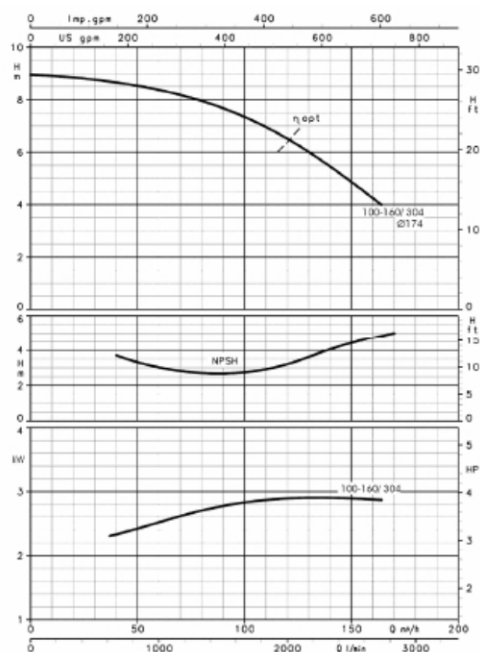


**80 LMS 250/ 404 (Ø 225)**  
**80 LMS 250/ 554 (Ø 238)**  
**80 LMS 250/ 754 (Ø 256)**

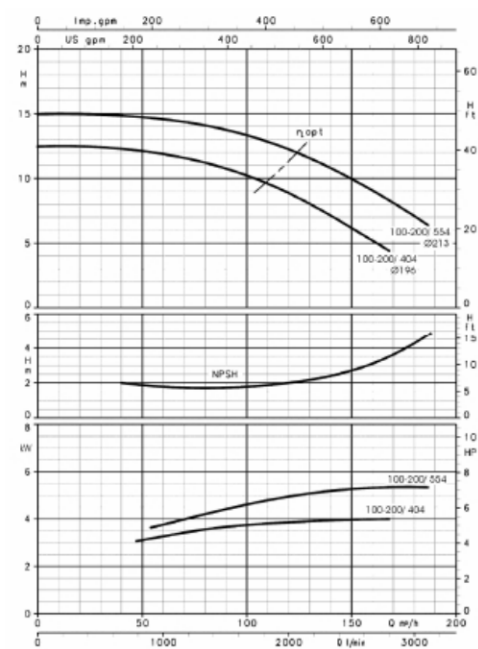


**80 LMS 315/ 1104 (Ø 291)**

**80 LMS 315/ 1504 (Ø 320)**

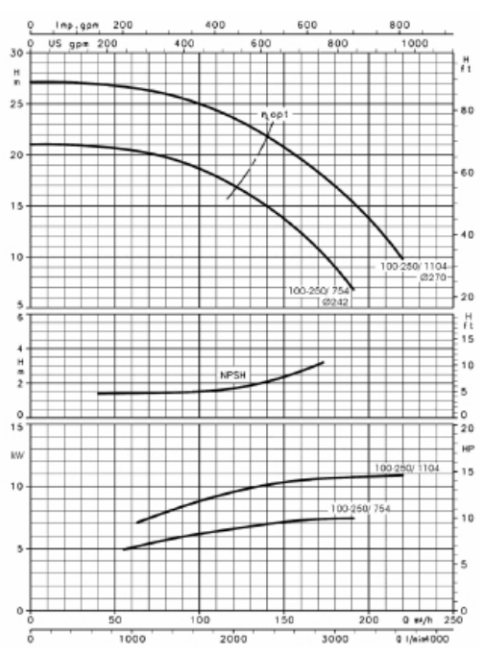


**100 LMS 160/ 304 (Ø174 )**



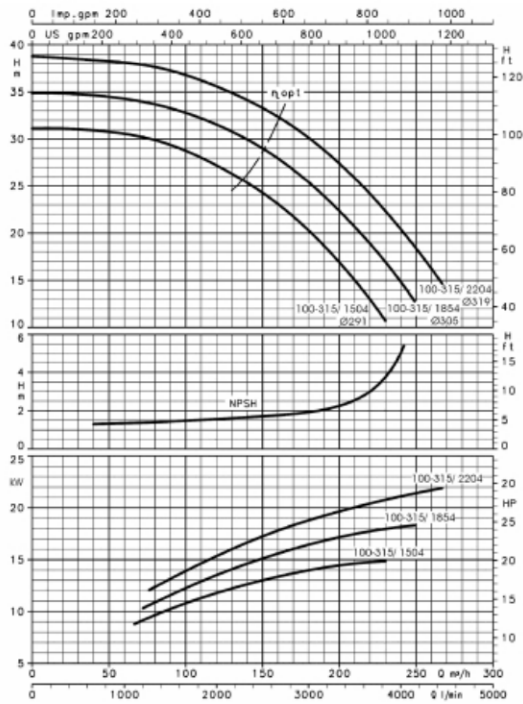
**100 LMS 200/ 404 (Ø 196)**

**100 LMS 200/ 554 (Ø 213)**

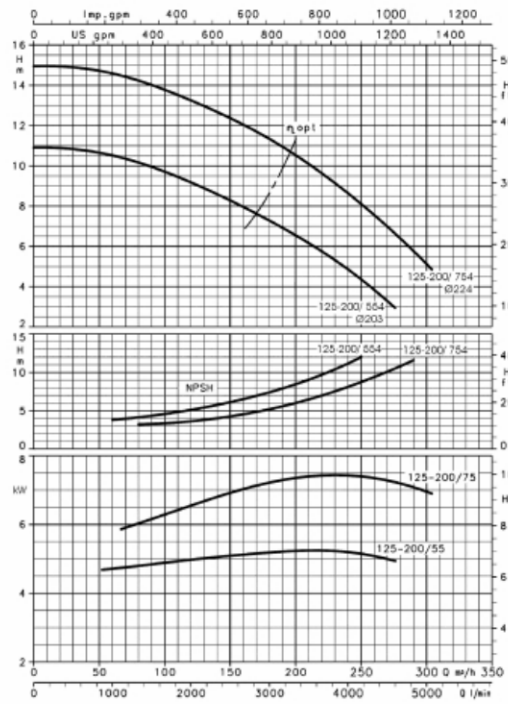


**100 LMS 250/ 754 (Ø 242)**

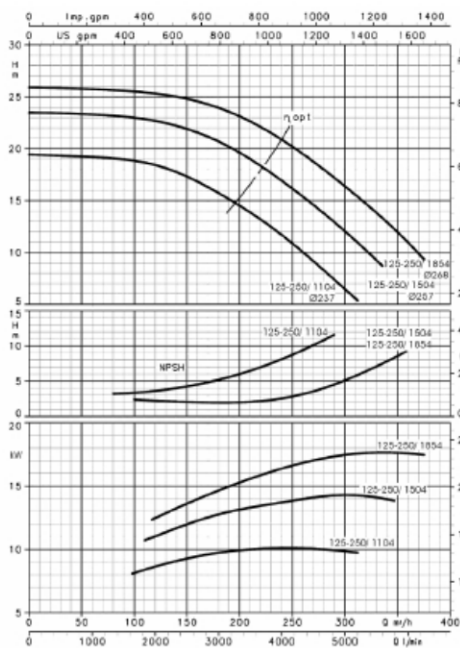
**100 LMS 250/ 1104 (Ø 270)**



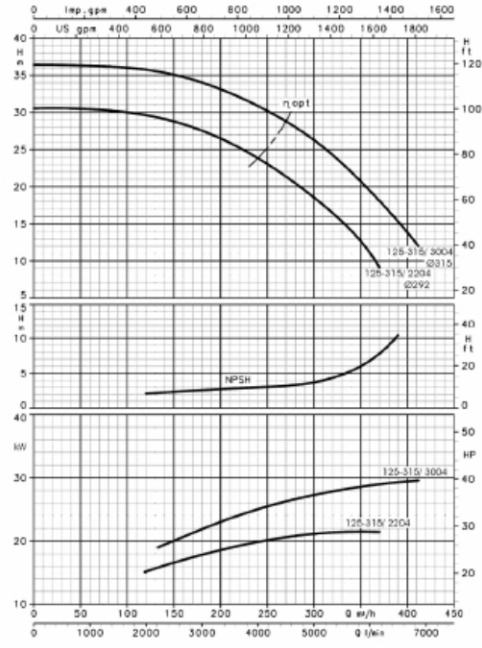
**100 LMS 315/ 1504 (Ø 291)**  
**100 LMS 315/ 1854 (Ø 305)**



**125 LMS 200/ 554 (Ø 203)**  
**125 LMS 200/ 754 (Ø 224)**

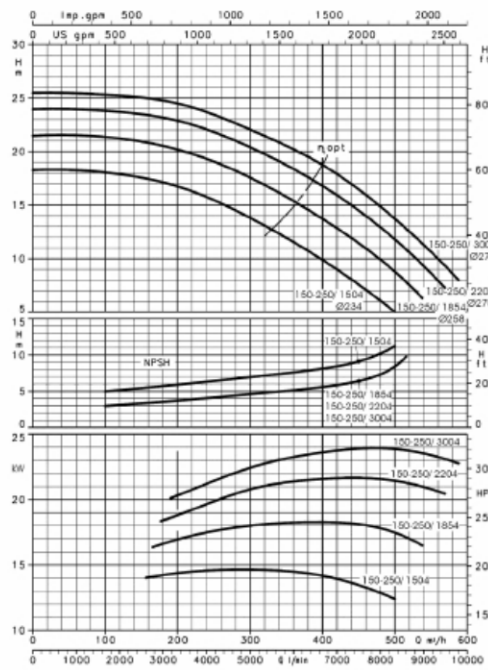


**125 LMS 250/ 1104 (Ø 237)**  
**125 LMS 250/ 1504 (Ø 257)**  
**125 LMS 250/ 1854 (Ø 268)**

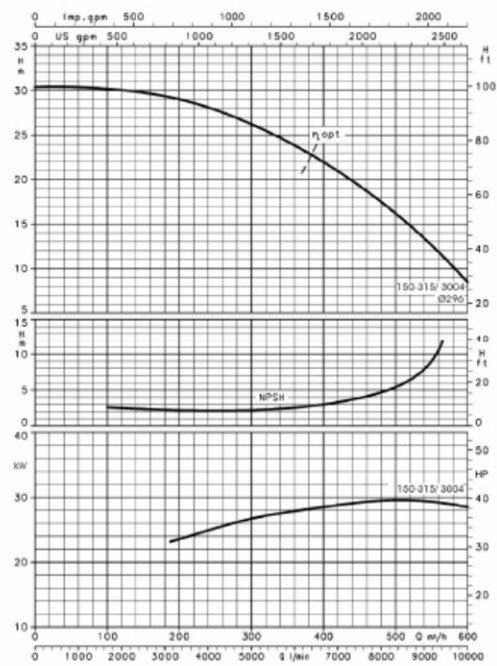


**125 LMS 315/ 2204 (Ø 292)**  
**125 LMS 315/ 3004 (Ø 315)**





**150 LMS 250/ 1504 (Ø 234)**  
**150 LMS 250/ 1854 (Ø 258)**  
**150 LMS 250/ 2204 (Ø 270)**  
**150 LMS 250/ 3004 (Ø 276)**



**150 LMS 315/ 3004 (Ø 296)**