

DESCRIPTION : Pompe triplex à simple effet, servant à la réalisation de la boue de forage rotary.



Poids total : 21.5 T

Collecteur de refoulement : connexion femelle fileté
Diamètre nominal : 3" API LP
Pression nominale : 157 Bar max

Moteur Diesel : marque : DUTZ
Puissance< : 348 KW à 1900 tr/min

| 7 T 508W. POWER PUMP | | | | | | | | | | | | | | | | |
|---|-----------------------------|--------------|------------------|------|--------|------|-------|--------|-------|------|------|--------|------|------|------|------|
| Liners size and max pressure rating | | | | | | | | | | | | | | | | |
| Liners | | | 8" | | 7" 1/2 | | 7" | 6" 1/2 | | 6" | | 5" 1/2 | | 5" | | |
| Strokes per minute | Max pressure | | Bar | PSI | Bar | PSI | Bar | PSI | Bar | PSI | Bar | PSI | Bar | PSI | Bar | PSI |
| | | | 61 | 867 | 70 | 995 | 80 | 1138 | 93 | 1323 | 109 | 1550 | 130 | 1849 | 157 | 2233 |
| | RPM engine | Gearbox Rate | Max displacement | | | | | | | | | | | | | |
| 51 | 1200 | 1 | 882 | 233 | 775 | 205 | 675 | 178 | 582 | 154 | 496 | 131 | 417 | 110 | 344 | 91 |
| 55 | 1300 | | 951 | 251 | 836 | 221 | 728 | 192 | 628 | 166 | 535 | 141 | 450 | 119 | 371 | 98 |
| 60 | 1400 | | 1038 | 274 | 912 | 241 | 794 | 210 | 685 | 181 | 584 | 154 | 490 | 129 | 405 | 107 |
| 64 | 1500 | | 1107 | 292 | 973 | 257 | 847 | 224 | 731 | 193 | 623 | 164 | 523 | 138 | 432 | 114 |
| 68 | 1600 | | 1176 | 311 | 1034 | 273 | 900 | 238 | 776 | 205 | 661 | 175 | 556 | 147 | 459 | 121 |
| 72 | 1700 | | 1245 | 329 | 1095 | 289 | 953 | 252 | 822 | 217 | 700 | 185 | 589 | 155 | 486 | 128 |
| 77 | 1800 | | 1332 | 352 | 1171 | 309 | 1020 | 269 | 879 | 232 | 749 | 198 | 629 | 166 | 520 | 137 |
| 104 | 1200 | 2 | 1799 | 475 | 1581 | 418 | 1377 | 364 | 1187 | 314 | 1012 | 267 | 850 | 224 | 702 | 185 |
| 113 | 1300 | | 1954 | 516 | 1718 | 454 | 1496 | 395 | 1290 | 341 | 1099 | 290 | 924 | 244 | 763 | 201 |
| 121 | 1400 | | 2093 | 553 | 1839 | 486 | 1602 | 423 | 1382 | 365 | 1177 | 311 | 989 | 261 | 817 | 216 |
| 130 | 1500 | | 2249 | 594 | 1976 | 522 | 1721 | 455 | 1484 | 392 | 1265 | 334 | 1063 | 281 | 878 | 232 |
| 139 | 1600 | | 2404 | 635 | 2113 | 558 | 1841 | 486 | 1587 | 419 | 1352 | 357 | 1136 | 300 | 938 | 248 |
| 147 | 1700 | | 2543 | 672 | 2235 | 590 | 1947 | 514 | 1678 | 443 | 1430 | 378 | 1202 | 317 | 992 | 262 |
| 156 | 1800 | | 2698 | 713 | 2372 | 626 | 2066 | 546 | 1781 | 470 | 1518 | 401 | 1275 | 337 | 1053 | 278 |
| | Displacement per revolution | | 17.29 | 4.56 | 15.20 | 4.01 | 13.24 | 3.49 | 11.42 | 3.01 | 9.73 | 2.57 | 8.17 | 2.16 | 6.75 | 1.78 |
| Base on 85 % mechanical and 100 % volumetric efficiency | | | | | | | | | | | | | | | | |