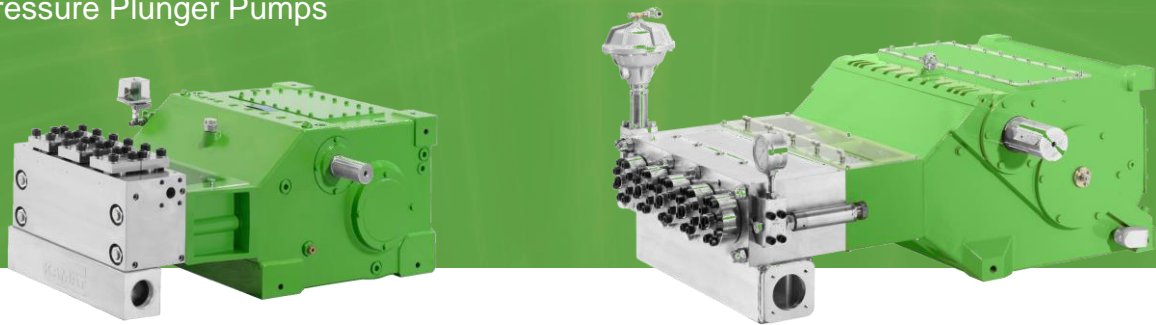


Hochdruck-Plungerpumpen

High Pressure Plunger Pumps



| Typ Type | Q max. l/min @ (p bar) | Q l/min @ (p max.bar) | p max. kW | Untersetzung Gear ratio | Schmierung Lubrication | Gewicht kg Weight kg ~ |
|--------------|---------------------------|--------------------------|--------------|---|---|------------------------------|
| K 100 | 6.8 (1200) | 4 (2000) | 15 | Keilriementrieb V-Belt drive | Tauchschnierung / splash lubrication | 25 |
| K 4500 | 232 (100) | 11 (2100) | 45 | Keilriementrieb V-Belt drive | Tauchschnierung / splash lubrication | 195 |
| K 8000 | 283 (135) | 13 (2950) | 75 | 2,75 ; 3,22 ; 3,68 | Tauchschnierung / splash lubrication | 250 |
| K 9000 | 283 (150) | 13 (3100) | 90 | 2,75 ; 3,22 ; 3,68 | Zwangsschnierung / force-fed lubrication bei 90 kW mit Ölkühlung at 90 kW with oil cooling | 255 |
| K 10000 - 3G | 449 (160) | 15 (3500) | 130 | 3,00 ; 3,14 ; 3,39 ; 3,76 ; 4,13 ; 4,50 ; 4,93 | Zwangsschnierung / force-fed lubrication bei 130 kW mit Ölkühlung at 130 kW with oil cooling | 440 |
| K 11000 - 3G | 454 (125) | 21 (2760) | 110 | 3,00 ; 3,14 ; 3,39 ; 3,76 ; 4,13 ; 4,50 ; 4,93 | Tauchschnierung / splash lubrication | 425 |
| K 13000 - 3G | 496 (135) | 23 (3040) | 130 | 3,00 ; 3,14 ; 3,39 ; 3,76 ; 4,13 ; 4,50 ; 4,93 | Zwangsschnierung / force-fed lubrication bei 130 kW mit Ölkühlung at 130 kW with oil cooling | 440 |
| K 18000 - 3G | 522 (180) | 24 (3500) | 180 | 3,00 ; 3,14 ; 3,39 ; 3,76 ; 4,13 ; 4,50 ; 4,93 | Zwangsschnierung / force-fed lubrication ab 130 kW mit Ölkühlung from 130 kW with oil cooling | 440 |
| K 20000 - 3G | 957 (105) | 34 (2800) | 200 | 3,33 ; 3,50 ; 4,04 ; 4,62 ; 5,44 | Tauchschnierung / splash lubrication ab 160 kW nur intermittierend from 160 kW for intermittend duty only | 940 |
| K 25000 - 3G | 1148 (115) | 41 (3200) | 250 | 3,33 ; 3,50 ; 4,04 ; 4,62 ; 5,44 | Zwangsschnierung / force-fed lubrication ab 160 kW mit Ölkühlung from 160 kW with oil cooling | 965 |
| K 35000 - 3G | 1310 (140) | 47 (3500) | 350 | 3,39 ; 4,05 ; 4,76 ; 5,25 | Zwangsschnierung / force-fed lubrication mit Ölkühlung / with oil cooling | 1360 |
| K 40000 - 3G | 1310 (155) | 58 (3500) | 400 | 3,39 ; 4,05 ; 4,76 ; 5,25 | Zwangsschnierung / force-fed lubrication mit Ölkühlung / with oil cooling | 1360 |
| K 50000 - 5G | 1913 (145) | 69 (3500) | 530 | 3,30 ; 3,95 ; 4,66 ; 5,63 | Zwangsschnierung / force-fed lubrication mit Ölkühlung / with oil cooling | 2200 |
| K 80000 - 5G | 3482 (125) | 117 (3500) | 800 | 3,40 ; 4,10 ; 4,69 ; 5,19 6,03 | Zwangsschnierung / force-fed lubrication mit Ölkühlung / with oil cooling | 3650 |

Für intermittierenden Betrieb (3h / Tag): +10% Druckerhöhung / For intermittent duty (3 h / day): +10% pressure increase

KAMAT GmbH & Co. KG

Technische Änderungen vorbehalten / The right to technical changes is reserved

| K4500 | Q max. l/min | p max. bar @ kW | | | | Kopftyp / Head type | | |
|-------|-----------------|-----------------|-------|-------|-------|---------------------|---|----|
| | | 22 kW | 30 kW | 37 kW | 45 kW | A | M | MC |
| 4512 | 11 | 1000 | 1400 | 1700 | 2100 | 1 | | |
| 4514 | 15 | 750 | 1020 | 1260 | 1530 | 1 | | |
| 4516 | 20 | 575 | 780 | 960 | 1170 | 1 | | |
| 4518 | 25 | 485 | 665 | 805 | 940 | 1 | | H |
| 4520 | 31 | 390 | 535 | 660 | 760 | 1 | | H |
| 4522 | 37 | 330 | 450 | 555 | 630 | 1 | | H |
| 4524 | 44 | 275 | 375 | 465 | 530 | 1 | | H |
| 4526 | 52 | 235 | 320 | 395 | 450 | 1 | | H |
| 4528 | 60 | 200 | 275 | 340 | 390 | 1 | | H |
| 4530 | 69 | 175 | 230 | 285 | 340 | 1 | 1 | H |
| 4532 | 78 | 155 | 210 | 260 | 295 | 1 | 1 | 1 |
| 4536 | 99 | 115 | 155 | 195 | 235 | 1 | 1 | 1 |
| 4540 | 122 | 95 | 125 | 160 | 190 | 1 | 1 | 1 |
| 4545 | 155 | 75 | 105 | 125 | 150 | | | 1 |
| 4550 | 191 | 60 | 85 | 105 | 120 | | | 1 |
| 4555 | 232 | 50 | 70 | 85 | 100 | | | 1 |

n max. = 650 1/min Keilriementrieb / V-belt drive
API 674 = max.450 1/min

| K13000 3G | Q max. l/min | p max. bar @ kW | | | | Kopftyp / Head type | | |
|--------------|-----------------|-----------------|-------|--------|--------|---------------------|---|----|
| | | 75 kW | 90 kW | 110 kW | 130 kW | A | M | MC |
| 13014 | 23 | 1720 | 2070 | 2740 | 3040 | 1 | | |
| 13016 | 30 | 1320 | 1590 | 2100 | 2300 | 1 | | |
| 13018 | 38 | 1035 | 1235 | 1660 | 1840 | 1 | | |
| 13020 | 47 | 850 | 1010 | 1220 | 1430 | 2 | | |
| 13022 | 57 | 715 | 845 | 1015 | 1180 | 2 | | |
| 13024 | 68 | 600 | 720 | 860 | 995 | 2 | | H |
| 13026 | 79 | 515 | 620 | 760 | 845 | 2 | | H |
| 13028 | 92 | 445 | 530 | 655 | 730 | 2 | | H |
| 13030 | 106 | 390 | 460 | 565 | 635 | 2 | | H |
| 13032 | 120 | 340 | 410 | 500 | 560 | 2 | | H |
| 13036 | 152 | 260 | 310 | 380 | 440 | 2 | 1 | H |
| 13040 | 188 | 205 | 245 | 300 | 355 | 1 | 1 | 1 |
| 13045 | 238 | 160 | 195 | 235 | 280 | 1 | 1 | 1 |
| 13050 | 294 | 130 | 155 | 190 | 225 | 1 | 1 | 1 |
| 13055 | 355 | 110 | 130 | 160 | 185 | 1 | 1 | 1 |
| 13060 | 423 | 95 | 110 | 135 | 155 | 1 | 1 | 1 |
| 13065 | 496 | 80 | 95 | 115 | 135 | | | 1 |

n max. = 475 1/min i = 3,00 ; 3,14 ; 3,39 ; 3,76 ; 4,13 ; 4,50 ; 4,93
API 674 = max.340 1/min

| K35000 3G | Q max. l/min | p max. bar @ kW | | | | Kopftyp / Head type | | |
|--------------|-----------------|-----------------|--------|--------|--------|---------------------|---|----|
| | | 280 kW | 315 kW | 330 kW | 350 kW | A | M | MC |
| 35018 | 47 | 3100 | 3500 | ----- | ----- | 1 | | |
| 35020 | 58 | 2500 | 2800 | 2950 | 3150 | 1 | | |
| 35022 | 70 | 2075 | 2335 | 2440 | 2500 | 1 | | |
| 35024 | 83 | 1750 | 1950 | 2050 | 2200 | 1 | | |
| 35026 | 98 | 1480 | 1670 | 1750 | 1880 | 1 | | |
| 35028 | 114 | 1280 | 1440 | 1540 | 1620 | 1 | | |
| 35030 | 131 | 1150 | 1300 | 1350 | 1440 | 1 | | |
| 35032 | 149 | 1020 | 1150 | 1200 | 1365 | 1 | | |
| 35036 | 188 | 815 | 905 | 950 | 1000 | 1 | | H |
| 35040 | 232 | 665 | 755 | 780 | 810 | 1 | | H |
| 35045 | 294 | 525 | 595 | 625 | 640 | 1 | | H |
| 35050 | 363 | 405 | 455 | 480 | 505 | 1 | 1 | H |
| 35055 | 439 | 335 | 375 | 395 | 420 | 1 | 1 | H |
| 35060 | 523 | 280 | 315 | 330 | 350 | 1 | 1 | H |
| 35065 | 613 | 240 | 270 | 285 | 300 | 1 | 1 | H |
| 35070 | 711 | 205 | 230 | 245 | 260 | 1 | 1 | H |
| 35075 | 816 | 180 | 200 | 210 | 225 | 1 | 1 | H |
| 35085 | 1049 | 140 | 160 | 165 | 175 | 1 | 1 | H |
| 35095 | 1310 | 110 | 125 | 130 | 140 | 1 | 1 | H |

n max. = 440 1/min i = 3,39 ; 4,05 ; 4,76 ; 5,25
API 674 = max.290 1/min

* K 8000 max. 75 kW
= Ultra High Pressure UHP

Angaben basieren auf 100% volumetrischem Wirkungsgrad und 20°C Umgebungstemperatur
Technical data is based on 100% volumetric efficiency and 20°C ambient temperature

| K9000* | Q max. l/min | p max. bar @ kW | | | | Kopftyp / Head type | | |
|--------|-----------------|-----------------|-------|-------|-------|---------------------|---|----|
| | | 45 kW | 55 kW | 75 kW | 90 kW | A | M | MC |
| 9012 | 13 | 1770 | 2160 | 2950 | 3100 | 1 | | |
| 9014 | 18 | 1280 | 1590 | 2150 | 2300 | 1 | | |
| 9016 | 24 | 980 | 1220 | 1660 | 1800 | 1 | | |
| 9018 | 30 | 800 | 965 | 1300 | 1395 | 1 | | |
| 9020 | 37 | 660 | 800 | 1065 | 1130 | 1 | | |
| 9022 | 45 | 545 | 665 | 890 | 930 | 1 | | H |
| 9024 | 54 | 460 | 555 | 755 | 785 | 1 | | H |
| 9026 | 63 | 390 | 475 | 645 | 665 | 1 | | H |
| 9028 | 73 | 335 | 410 | 555 | 575 | 1 | | H |
| 9030 | 84 | 280 | 345 | 470 | 500 | 1 | 1 | H |
| 9032 | 96 | 245 | 300 | 410 | 440 | 1 | 1 | 1 |
| 9036 | 121 | 190 | 235 | 320 | 345 | 1 | 1 | 1 |
| 9040 | 150 | 155 | 190 | 255 | 280 | 1 | 1 | 1 |
| 9045 | 190 | 120 | 150 | 200 | 220 | | | 1 |
| 9050 | 234 | 100 | 120 | 165 | 180 | | | 1 |
| 9055 | 283 | 80 | 100 | 135 | 150 | | | 1 |

n max. = 530 1/min i = 2,75 ; 3,22 ; 3,68
API 674 = max.400 1/min

| K18000 3G | Q max. l/min | p max. bar @ kW | | | | Kopftyp / Head type | | |
|--------------|-----------------|-----------------|--------|--------|--------|---------------------|---|----|
| | | 110 kW | 132 kW | 160 kW | 180 kW | A | M | MC |
| 18014 | 24 | 2400 | 2890 | 3500 | ----- | 1 | | |
| 18016 | 32 | 1840 | 2210 | 2680 | 3010 | 1 | | |
| 18018 | 40 | 1460 | 1740 | 2120 | 2360 | 1 | | |
| 18020 | 49 | 1190 | 1420 | 1715 | 1910 | 1 | | |
| 18022 | 60 | 970 | 1170 | 1420 | 1500 | 2 | | |
| 18024 | 71 | 820 | 980 | 1190 | 1325 | 2 | | |
| 18026 | 84 | 690 | 840 | 1020 | 1130 | 2 | | |
| 18028 | 97 | 600 | 720 | 875 | 975 | 2 | | H |
| 18030 | 111 | 525 | 630 | 760 | 850 | 2 | | H |
| 18032 | 127 | 460 | 555 | 670 | 750 | 2 | | H |
| 18036 | 160 | 365 | 435 | 530 | 590 | 2 | 1 | H |
| 18040 | 198 | 295 | 355 | 430 | 475 | 1 | 1 | 1 |
| 18045 | 250 | 230 | 280 | 340 | 375 | 1 | 1 | 1 |
| 18050 | 309 | 190 | 225 | 275 | 305 | 1 | 1 | 1 |
| 18055 | 374 | 155 | 190 | 230 | 250 | 1 | 1 | 1 |
| 18060 | 445 | 130 | 160 | 190 | 210 | 1 | 1 | 1 |
| 18065 | 522 | 110 | 135 | 160 | 180 | | | 1 |

n max. = 500 1/min i = 3,00 ; 3,14 ; 3,39 ; 3,76 ; 4,13 ; 4,50 ; 4,93
API 674 = max.340 1/min

| K40000 3G | Q max. l/min | p max. bar @ kW | | | | Kopftyp / Head type | | |
|--------------|-----------------|-----------------|--------|--------|--------|---------------------|---|----|
| | | 315 kW | 330 kW | 350 kW | 400 kW | A | M | MC |
| 40020 | 58 | 2280 | 2870 | 3240 | 3500 | 1 | | |
| 40022 | 70 | 2050 | 2380 | 2680 | 3000 | 1 | | |
| 40024 | 83 | 1960 | 2000 | 2200 | 2500 | 1 | | |
| 40026 | 98 | 1670 | 1750 | 1900 | 2000 | 1 | | |
| 40028 | 114 | 1440 | 1510 | 1620 | 1820 | 1 | | |
| 40030 | 131 | 1300 | 1350 | 1440 | 1500 | 1 | | |
| 40032 | 149 | 1150 | 1200 | 1265 | 1400 | 1 | | |
| 40036 | 188 | 905 | 950 | 1000 | 1100 | 1 | | |
| 40040 | 232 | 755 | 780 | 810 | 900 | 1 | | H |
| 40045 | 294 | 595 | 625 | 640 | 705 | 1 | | H |
| 40050 | 363 | 455 | 480 | 505 | 560 | 1 | 1 | H |
| 40055 | 439 | 375 | 395 | 420 | 465 | 1 | 1 | H |
| 40060 | 523 | 315 | 330 | 350 | 390 | 1 | 1 | H |
| 40065 | 613 | 270 | 285 | 300 | 330 | 1 | 1 | H |
| 40070 | 711 | 230 | 245 | 260 | 285 | 1 | 1 | H |
| 40075 | 816 | 200 | 210 | 225 | 250 | | | 1 |
| 40085 | 1049 | 160 | 165 | 175 | 195 | | | 1 |
| 40095 | 1310 | 125 | 130 | 140 | 155 | | | 1 |

n max. = 440 1/min i = 3,39 ; 4,05 ; 4,76 ; 5,25
API 674 = max.290 1/min

| K10000 3G | Q max. l/min | p max. bar @ kW | | | | Kopftyp / Head type | | |
|--------------|-----------------|-----------------|-------|--------|--------|---------------------|---|----|
| | | 75 kW | 90 kW | 110 kW | 130 kW | A | M | MC |
| 10012 | 15 | 2600 | 3120 | 3500 | ----- | 1 | | |
| 10014 | 21 | 1900 | 2270 | 2780 | 3300 | 1 | | |
| 10016 | 27 | 1470 | 1720 | 2160 | 2500 | 1 | | |
| 10018 | 34 | 1170 | 1405 | 1715 | 2050 | 1 | | |
| 10020 | 43 | 925 | 1110 | 1360 | 1630 | 1 | | |
| 10022 | 51 | 775 | 935 | 1140 | 1370 | 1 | | |
| 10024 | 61 | 650 | 780 | 955 | 1150 | 1 | | |
| 10026 | 72 | 550 | 665 | 810 | 975 | 1 | | H |
| 10028 | 83 | 480 | 575 | 700 | 845 | 1 | | H |
| 10030 | 96 | 415 | 500 | 605 | 730 | 1 | | H |
| 10032 | 109 | 365 | 440 | 535 | 645 | 1 | | H |
| 10036 | 138 | 290 | 345 | 420 | 510 | 1 | 1 | H |
| 10040 | 170 | 235 | 280 | 345 | 415 | 1 | 1 | H |
| 10045 | 215 | 185 | 220 | 270 | 330 | 1 | 1 | H |
| 10050 | 266 | 150 | 180 | 220 | 265 | 1 | 1 | H |
| 10055 | 321 | 125 | 150 | 180 | 220 | 1 | 1 | H |
| 10060 | 383 | 105 | 125 | 150 | 185 | 1 | 1 | H |
| 10065 | 449 | 90 | 105 | 130 | 160 | | | 1 |

n max. = 475 1/min i = 3,00 ; 3,14 ; 3,39 ; 3,76 ; 4,13 ; 4,50 ; 4,93
API 674 = max.340 1/min

| K20000 3G | Q max. l/min | p max. bar @ kW | | | | Kopftyp / Head type | | |
|--------------|-----------------|-----------------|--------|--------|--------|---------------------|---|----|
| | | 110 kW | 132 kW | 160 kW | 200 kW | A | M | MC |
| 20018 | 34 | 1700 | 2040 | 2470 | 2800 | 1 | | |
| 20020 | 42 | 1375 | 1650 | 2000 | 2500 | 1 | | |
| 20022 | 51 | 1120 | 1350 | 1630 | 2000 | 1 | | |
| 20024 | 61 | 940 | 1125 | 1360 | 1700 | 1 | | |
| 20026 | 72 | 820 | 965 | 1160 | 1410 | 1 | | |
| 20028 | 83 | 720 | 855 | 1015 | 1215 | 1 | | |
| 20030 | 95 | 630 | 755 | 900 | 1060 | 1 | | H |
| 20032 | 109 | 555 | 660 | 800 | 930 | 1 | | H |
| 20036 | 137 | 435 | 525 | 635 | 735 | 1 | | H |
| 20040 | 170 | 355 | 420 | 510 | 595 | 1 | | H |
| 20045 | 215 | 270 | 325 | 390 | 470 | 1 | 1 | H |
| 20050 | 265 | 210 | 255 | 310 | 380 | 1 | 1 | H |
| 20055 | 321 | 175 | 210 | 255 | 315 | 1 | 1 | H |
| 20060 | 382 | 150 | 180 | 215 | 265 | 1 | 1 | H |
| 20065 | 448 | 125 | 150 | 185 | 225 | 1 | 1 | H |
| 20070 | 519 | 110 | 130 | 160 | 195 | 1 | 1 | H |
| 20075 | 596 | 95 | 115 | 140 | 170 | | | 1 |
| 20085 | 766 | 75 | 90 | 105 | 130 | | | 1 |
| 20095 | 957 | 60 | 75 | 90 | 105 | | | 1 |

n max. = 375 1/min i = 3,33 ; 3,50 ; 4,04 ; 4,62 ; 5,44
API 674 = max.320 1/min

| K50000 5G | Q max. l/min | p max. bar @ kW | | | |
|--------------|-----------------|-----------------|--|--|--|
|--------------|-----------------|-----------------|--|--|--|