

Part number:

HYDROMA

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**

UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

KAPPA 30 GENERAL DATA PUMPS**KP 30**

| Pump type | Displacement | Max. pressure | | | Max. speed | Min. speed |
|-----------------|--|---------------|---------------|---------------|-------------------|------------|
| | | p_1 | p_2 | p_3 | | |
| | in ³ /rev (cm ³ /rev) | psi (bar) | | | min ⁻¹ | |
| KP 30-27 | 1.63 (26,7) | 4060 (280) | 4350 (300) | 4495 (310) | 3000 | 350 |
| KP 30-34 | 2.11 (34,56) | 3770 (260) | 4060 (280) | 4350 (300) | 3000 | 350 |
| KP 30-38 | 2.40 (39,27) | 3770 (260) | 4060 (280) | 4350 (300) | 3000 | 350 |
| KP 30-43 | 2.68 (43,98) | 3625 (250) | 3915 (270) | 4205 (290) | 3000 | 350 |
| KP 30-51 | 3.16 (51,83) | 3335 (230) | 3625 (250) | 3915 (270) | 2500 | 350 |
| KP 30-56 | 3.45 (56,54) | 3118 (215) | 3408 (235) | 3698 (255) | 2500 | 350 |
| KP 30-61 | 3.74 (61,26) | 2900 (200) | 3190 (220) | 3480 (240) | 2500 | 350 |
| KP 30-73 | 4.50 (73,82) | 2610 (180) | 2900 (200) | 3190 (220) | 2500 | 350 |

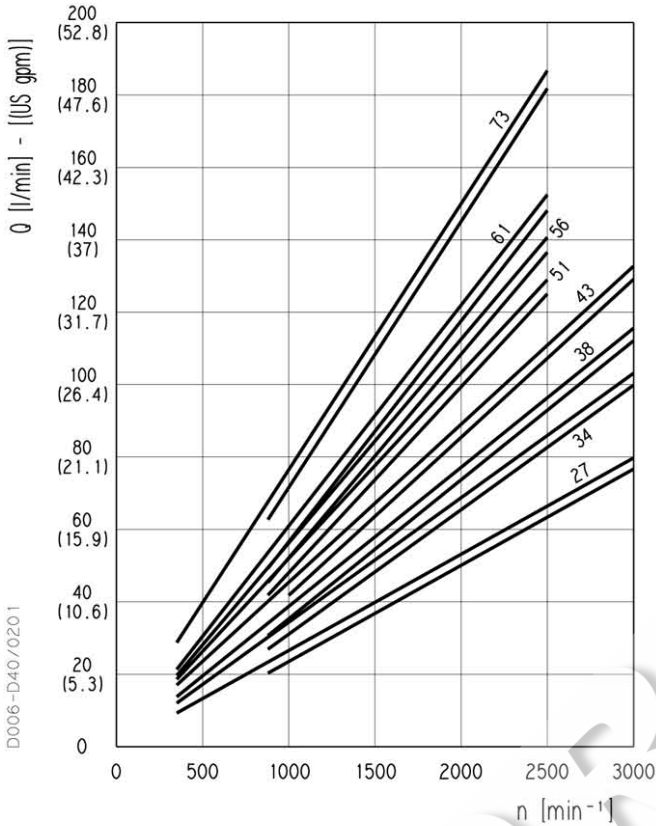
 p_1 = Max. continuous pressure p_2 = Max. intermittent pressure p_3 = Max. peak pressure

The values in the table refer to unidirectional pumps.

Reversible pump max pressures are 15% lower than those shown in table.

For different working conditions please consult our sales department.

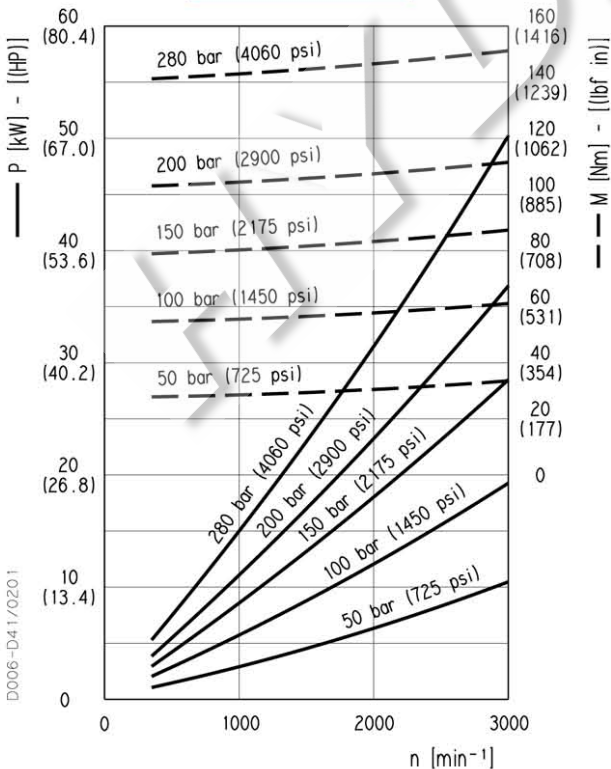
KP 30



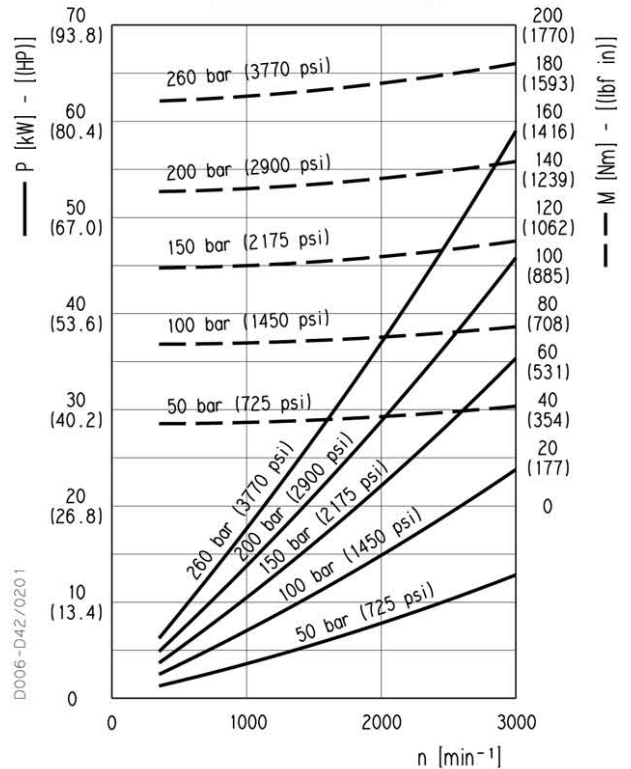
Each curve has been obtained at 122 °F (50 °C), using oil with viscosity 168 SSU (36 cSt) at 104 °F (40 °C) and at these pressures:

- KP 30•27. 290-4060 psi (20-280 bar)
- KP 30•34. 290-3770 psi (20-260 bar)
- KP 30•38. 290-3770 psi (20-260 bar)
- KP 30•43. 290-3625 psi (20-250 bar)
- KP 30•51. 290-3335 psi (20-230 bar)
- KP 30•56. 290-3118 psi (20-215 bar)
- KP 30•61. 290-2900 psi (20-200 bar)
- KP 30•73. 290-2610 psi (20-180 bar)

KP 30•27



KP 30•34

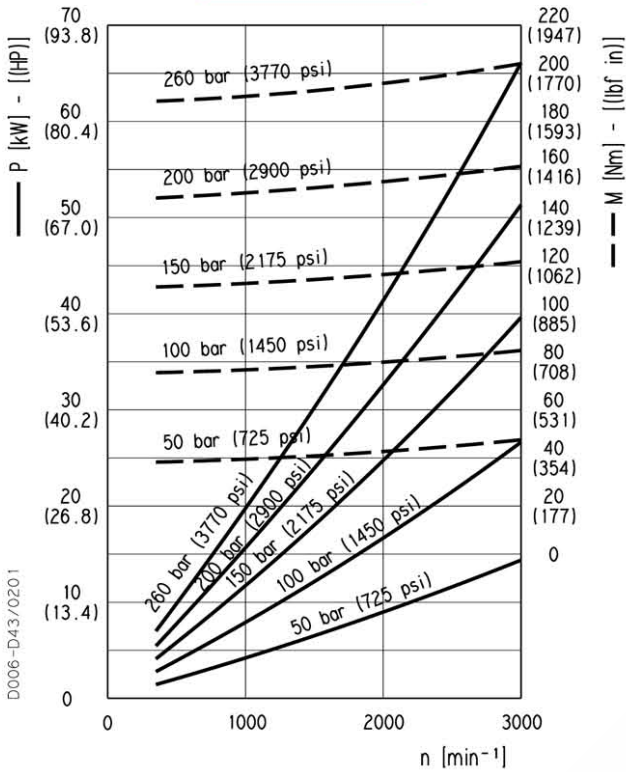


01/03.2002

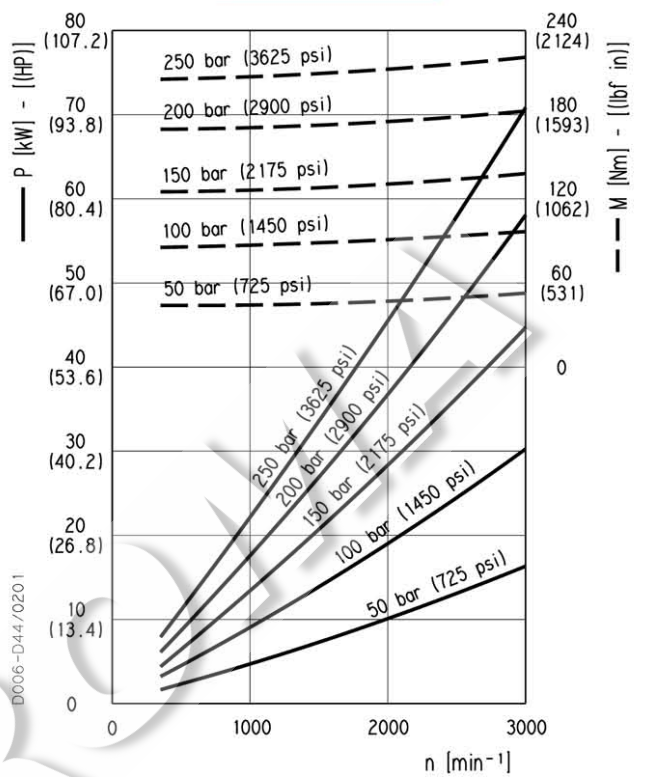
D006-D41/020.1

D006-D42/020.1

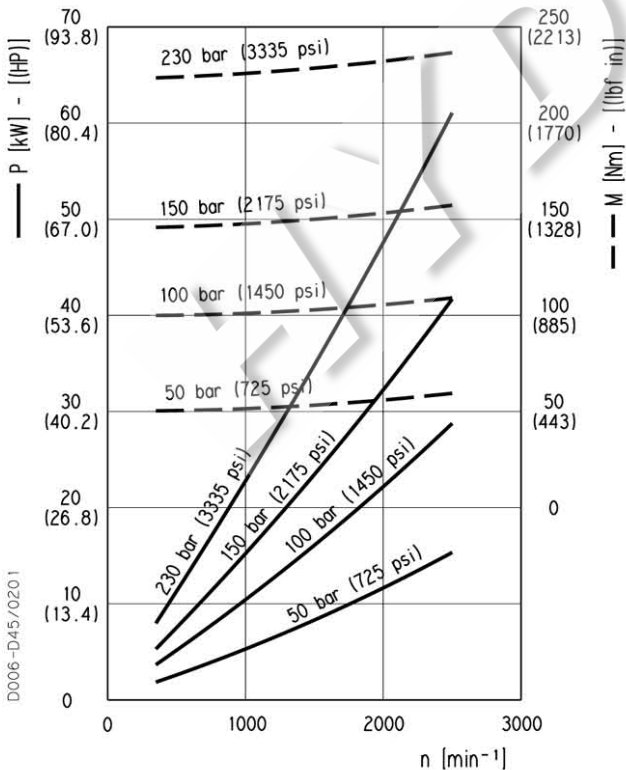
KP 30•38



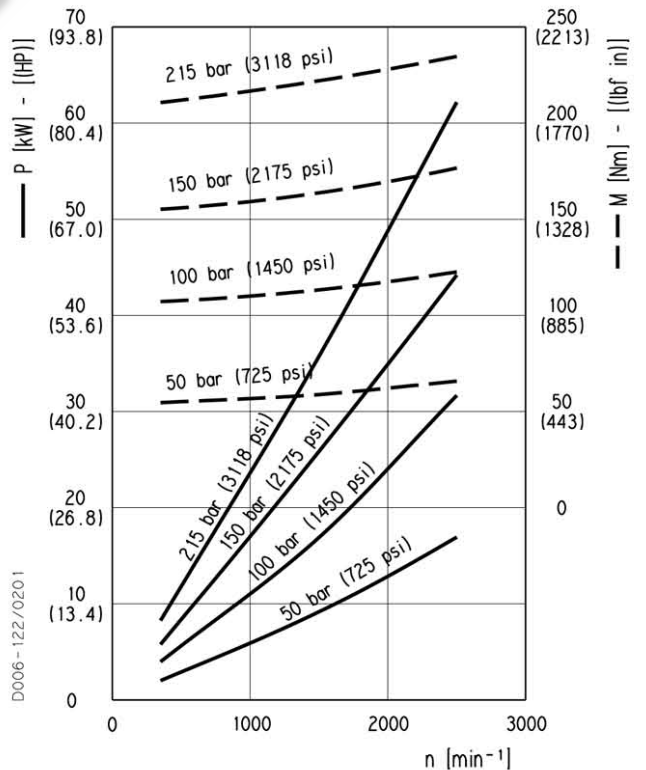
KP 30•43



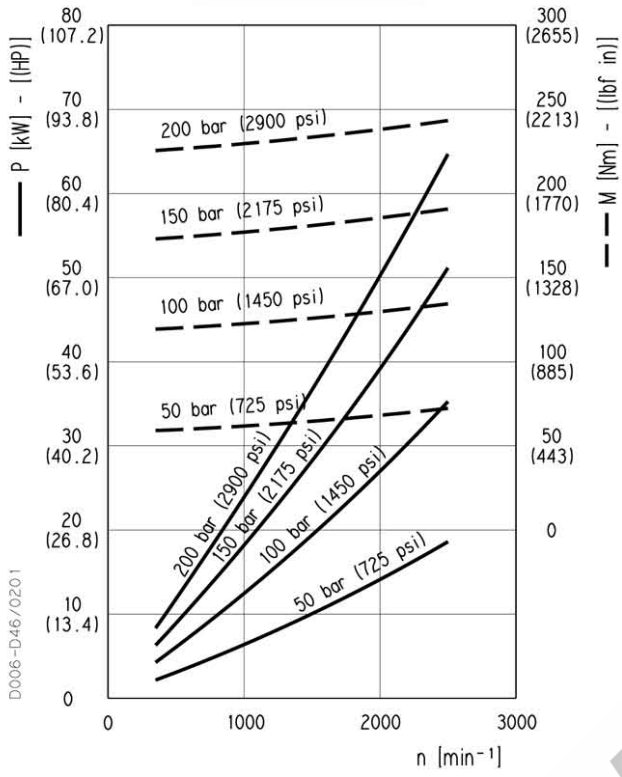
KP 30•51



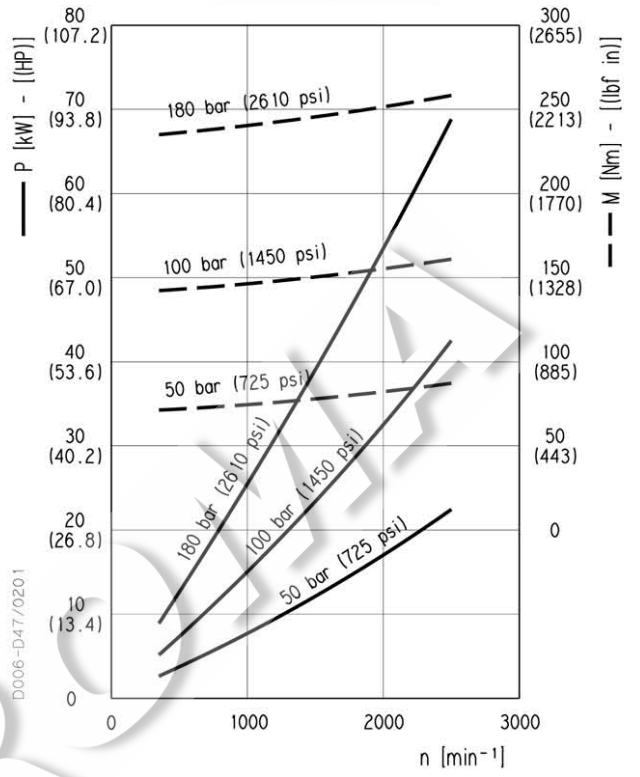
KP 30•56



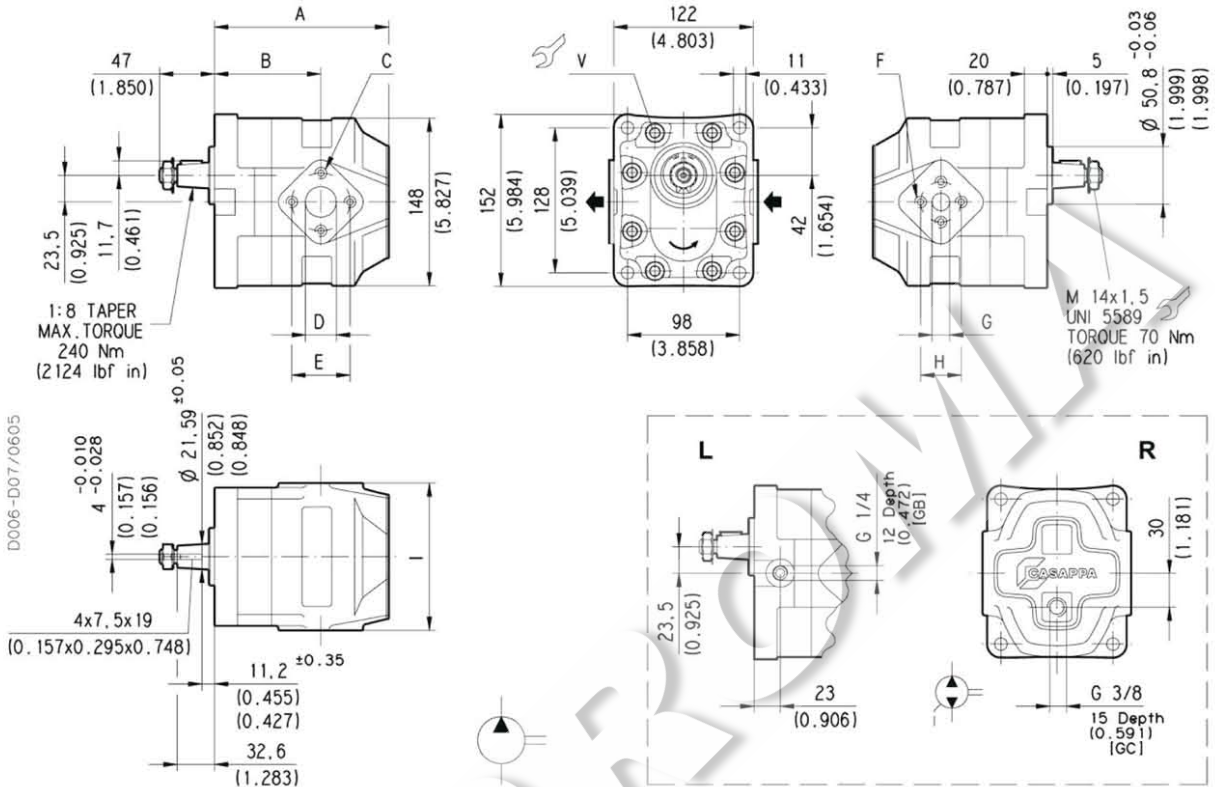
KP 30-61



KP 30-73



EUROPEAN FLANGED PORTS - 4 Bolts
Metric thread ISO 60° conforms to ISO/R 262



| |
|---|
| V Screws tightening torque Nm (lbf in) |
| 70 ^{±7} (558 ± 682) |

| Pump type | A | B | C | D | E | F | G | H | I |
|-----------------|-------------|-------------|--------------------------|------------|------------|--------------------------|------------|------------|-------------|
| | mm (in) | mm (in) | mm (in) | mm (in) | mm (in) | mm (in) | mm (in) | mm (in) | mm (in) |
| KP 30•27 | 133 (5.236) | 85 (3.346) | M 10 Depth 17 (0.669) | 27 (1.063) | 51 (2.008) | M 8 Depth 17 (0.669) | 19 (0.748) | 40 (1.575) | 130 (5.118) |
| KP 30•34 | 138 (5.433) | 90 (3.543) | | | | | | | |
| KP 30•38 | 141 (5.551) | 93 (3.661) | | | | | | | |
| KP 30•43 | 144 (5.669) | 96 (3.780) | | | | | | | |
| KP 30•51 | 149 (5.866) | 93 (3.661) | | | | | | | |
| KP 30•56 | 152 (5.984) | 97 (3.819) | | | | | | | |
| KP 30•61 | 155 (6.102) | 100 (3.937) | | | | | | | |
| KP 30•73 | 163 (6.417) | 108 (4.252) | M 12 Depth 17 (0.669) | 33 (1.299) | 62 (2.441) | M 10 Depth 17 (0.669) | 27 (1.063) | 51 (2.008) | 135 (5.315) |

Rotation: S=left - D=right - L=reversible side drain - R=reversible rear drain - B=reversible internal drain

How to order:

KP 30•27 S0-83 E3-L ED/EB-N

02/06.2005