

Part number:

**HYDROMA**

HYDRAULICKÉ SYSTÉMY

**HIDROMA  
SYSTEMS**

UKŁADY HYDRAULICZNE

**HYDROMA**

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

**KAPPA 20 GENERAL DATA PUMPS****KP 20**

Pump type	Displacement	Max. pressure			Max. speed	Min. speed
		p <sub>1</sub>	p <sub>2</sub>	p <sub>3</sub>		
	in <sup>3</sup> /rev (cm <sup>3</sup> /rev)	psi (bar)			min <sup>-1</sup>	
<b>KP 20•4</b>	0.30 (4,95)	4133 (285)	4350 (300)	4785 (330)	4000	350
<b>KP 20•6,3</b>	0.40 (6,61)	4133 (285)	4350 (300)	4785 (330)	4000	350
<b>KP 20•8</b>	0.50 (8,26)	4133 (285)	4350 (300)	4785 (330)	3500	350
<b>KP 20•11,2</b>	0.69 (11,23)	3988 (275)	4205 (290)	4640 (320)	3500	350
<b>KP 20•14</b>	0.89 (14,53)	3843 (265)	4205 (290)	4640 (320)	3500	350
<b>KP 20•16</b>	1.03 (16,85)	3770 (260)	4205 (290)	4640 (320)	3000	300
<b>KP 20•20</b>	1.29 (21,14)	3045 (210)	3335 (230)	3625 (250)	3000	300
<b>KP 20•25</b>	1.61 (26,42)	2610 (180)	2900 (200)	3190 (220)	2500	300
<b>KP 20•31,5</b>	2.01 (33,03)	2030 (140)	2320 (160)	2610 (180)	2000	300

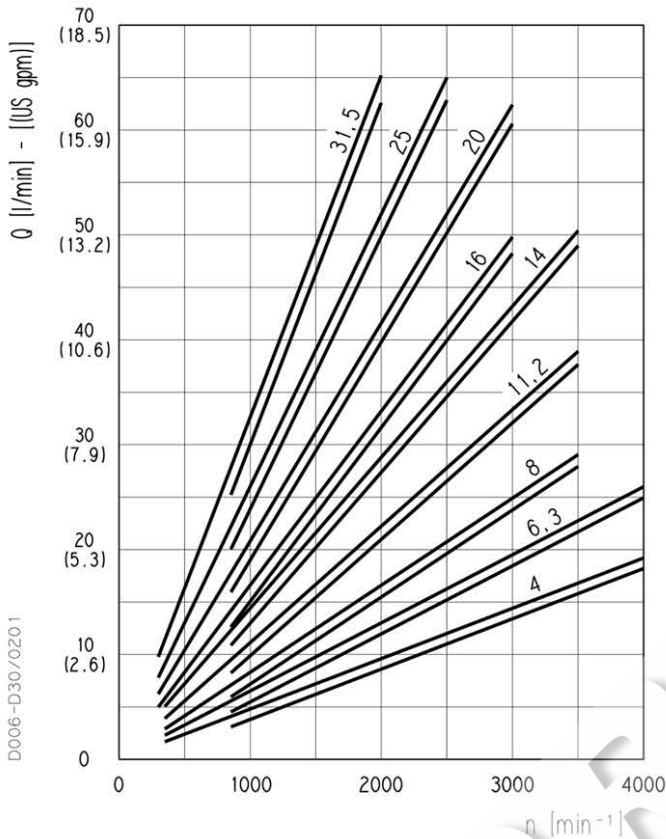
p<sub>1</sub>= Max. continuous pressurep<sub>2</sub>= Max. intermittent pressurep<sub>3</sub>= Max. peak pressure

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.

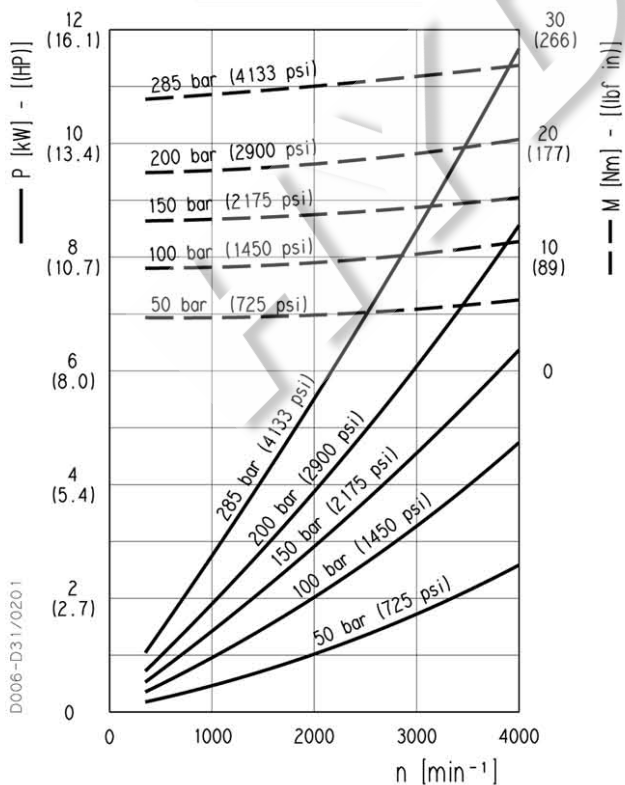
KP 20



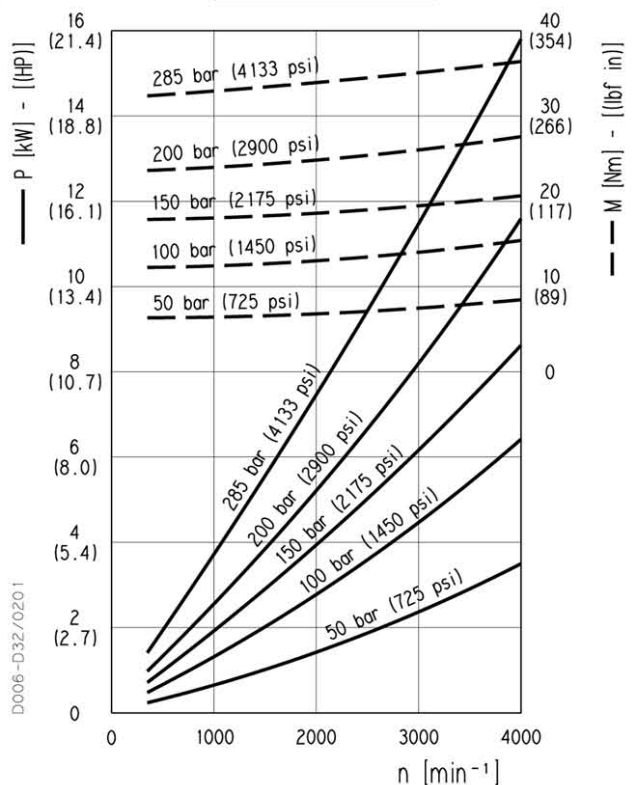
Each curve has been obtained at 122 °F (50 °C), using oil with viscosity 168 SSU (36 cSt) at 104 °F (40 °C) and at these pressures:

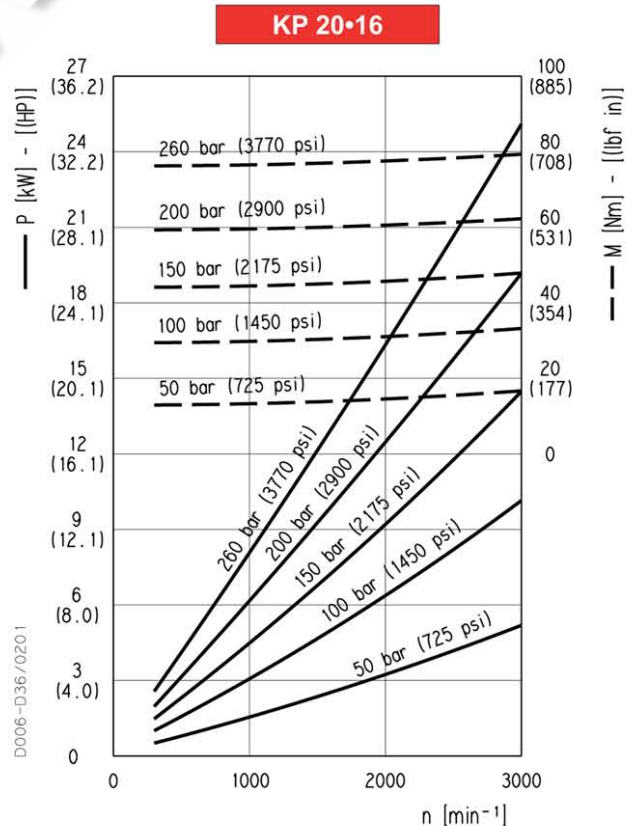
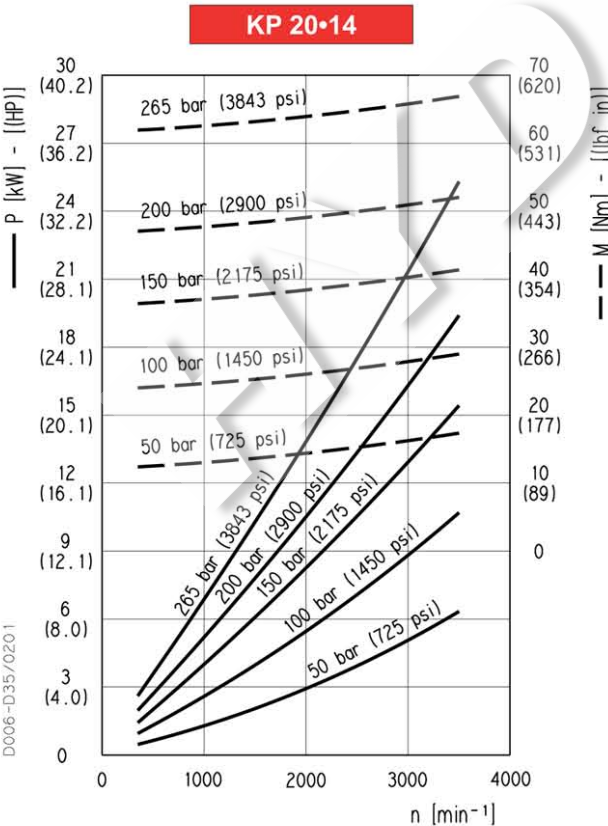
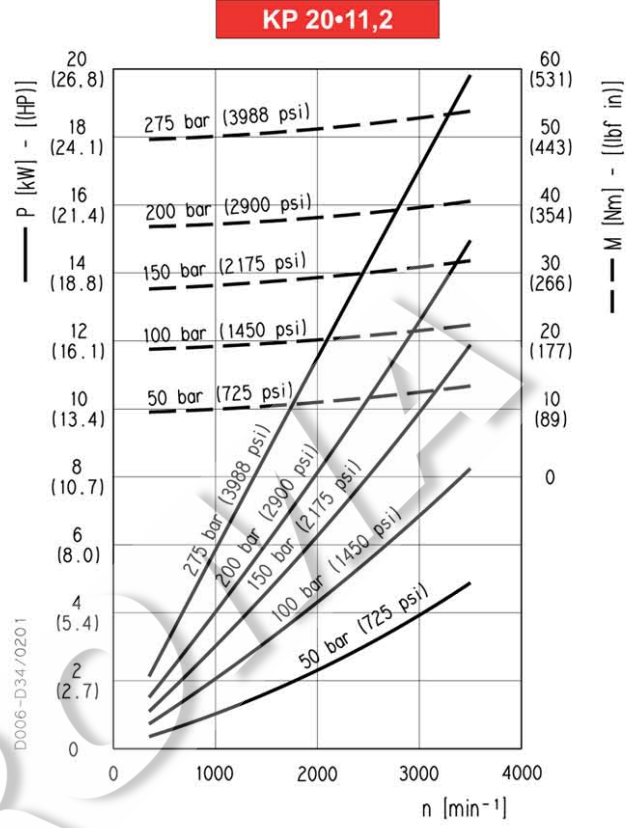
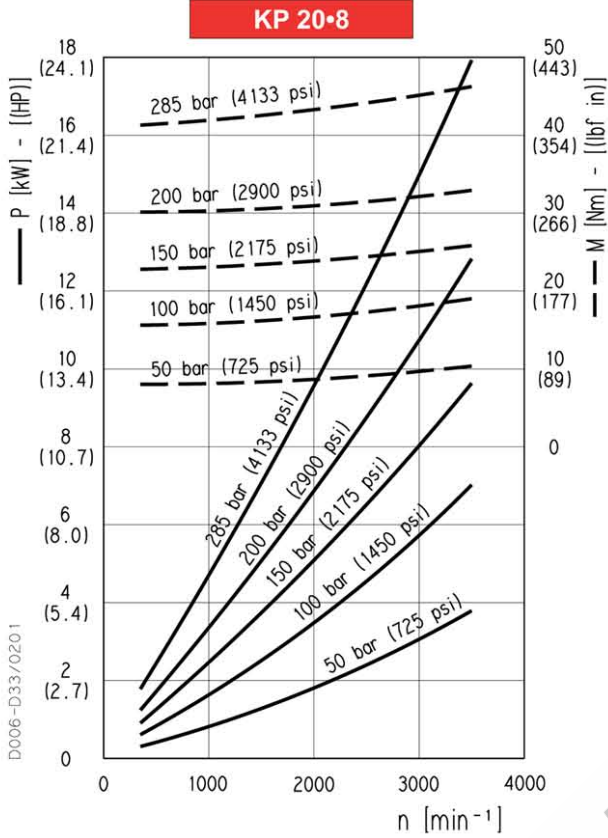
- KP 20•4. . . . . 290-4133 psi (20-285 bar)
- KP 20•6,3 . . . . . 290-4133 psi (20-285 bar)
- KP 20•8. . . . . 290-4133 psi (20-285 bar)
- KP 20•11,2 . . . . . 290-3988 psi (20-275 bar)
- KP 20•14. . . . . 290-3843 psi (20-265 bar)
- KP 20•16. . . . . 290-3770 psi (20-260 bar)
- KP 20•20. . . . . 290-3045 psi (20-210 bar)
- KP 20•25. . . . . 290-2610 psi (20-180 bar)
- KP 20•31,5 . . . . . 290-2030 psi (20-140 bar)

KP 20•4



KP 20•6,3



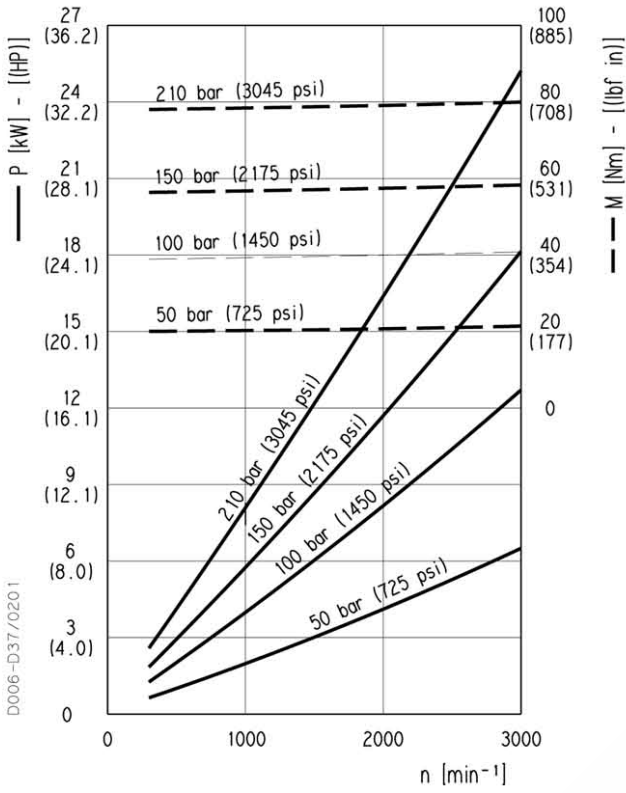


01/03.2002

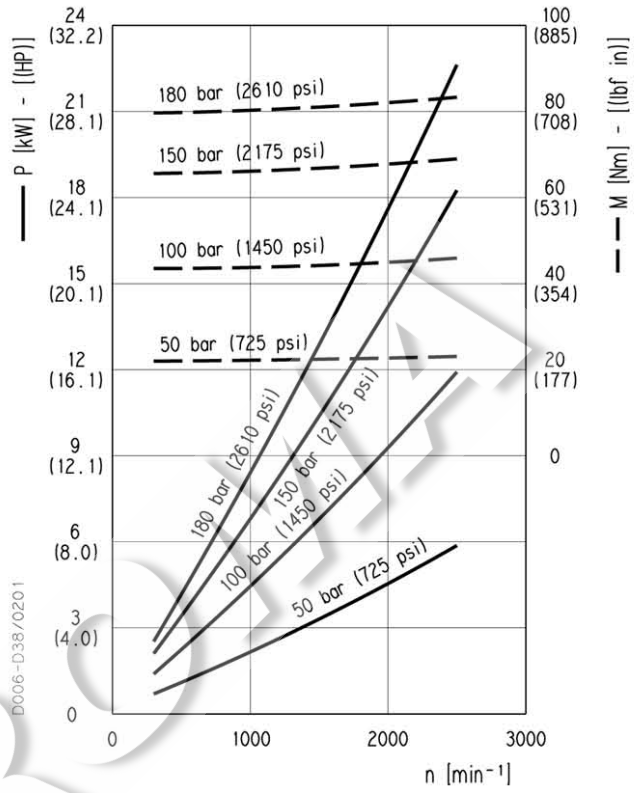
D006-D35/0201

D006-D36/0201

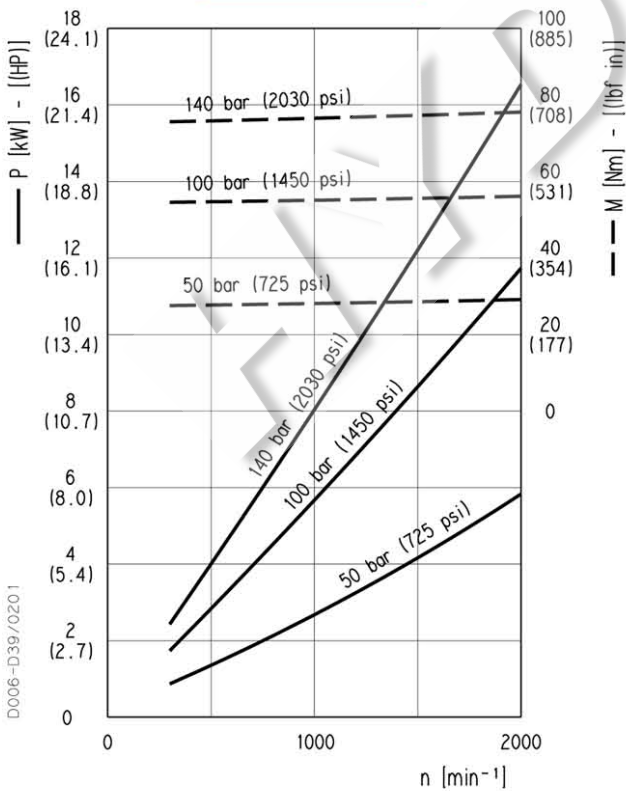
### KP 20•20



### KP 20•25

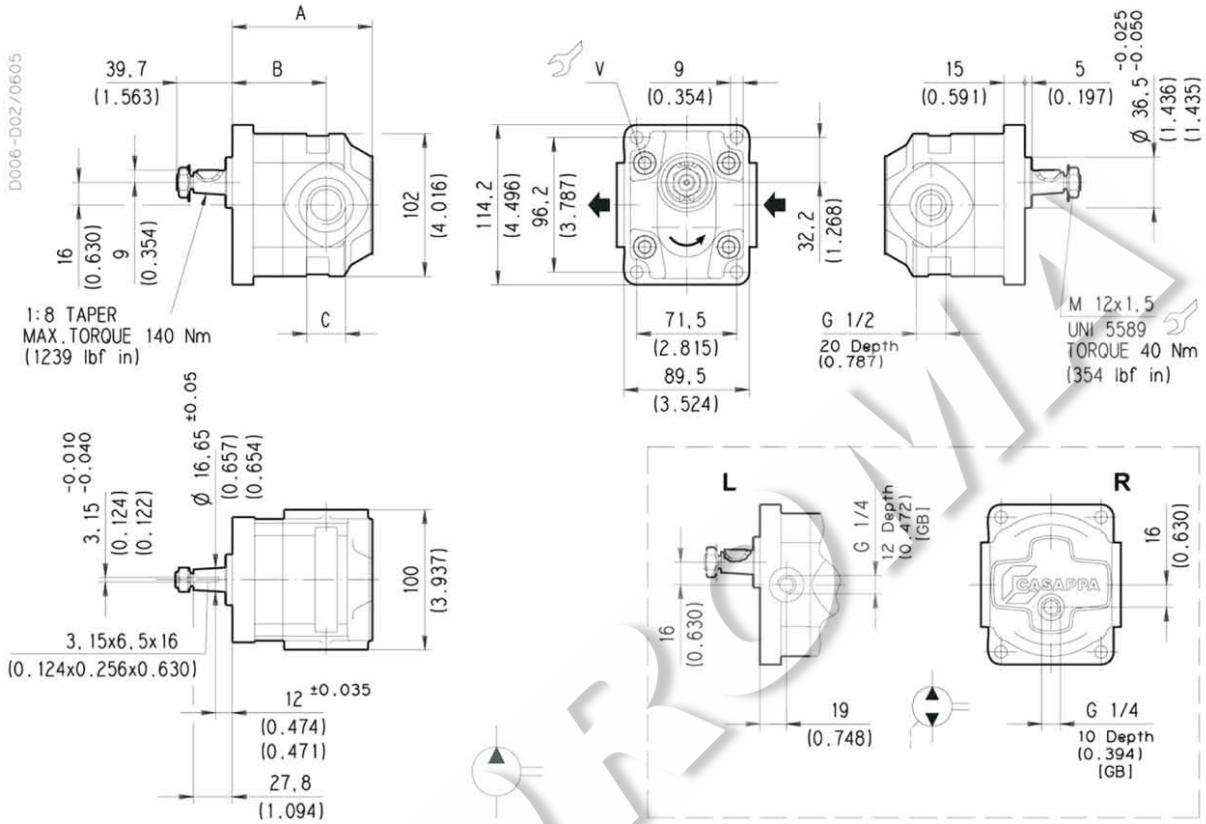


### KP 20•31,5



GAS STRAIGHT THREAD PORTS

British standard pipe parallel (55°) conforms to UNI - ISO 228



V Screws tightening torque Nm (lbf in)  
70 ± 7 (558 ÷ 682)

Pump type	A	B	C
	mm (in)	mm (in)	mm (in)
<b>0-82 E2-L GD/GD-N</b> S D L R B	87,5 (3.445)	60 (2.362)	G 1/2 Depth 20 (0.787)
	90 (3.543)	62,5 (2.461)	
	92,5 (3.642)	65 (2.559)	
	96 (3.780)	68,5 (2.697)	
<b>0-82 E2-L GE/GD-N</b> S D L R B	100 (3.937)	67 (2.638)	G 3/4 Depth 22 (0.866)
	105,5 (4.154)	72,5 (2.854)	
	112 (4.409)	79 (3.110)	
	120 (4.724)	72 (2.835)	
	130 (5.118)	82 (3.228)	

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

How to order:

**KP 20•4 S0-82 E2-L GD/GD-N**

02/06.2005