

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

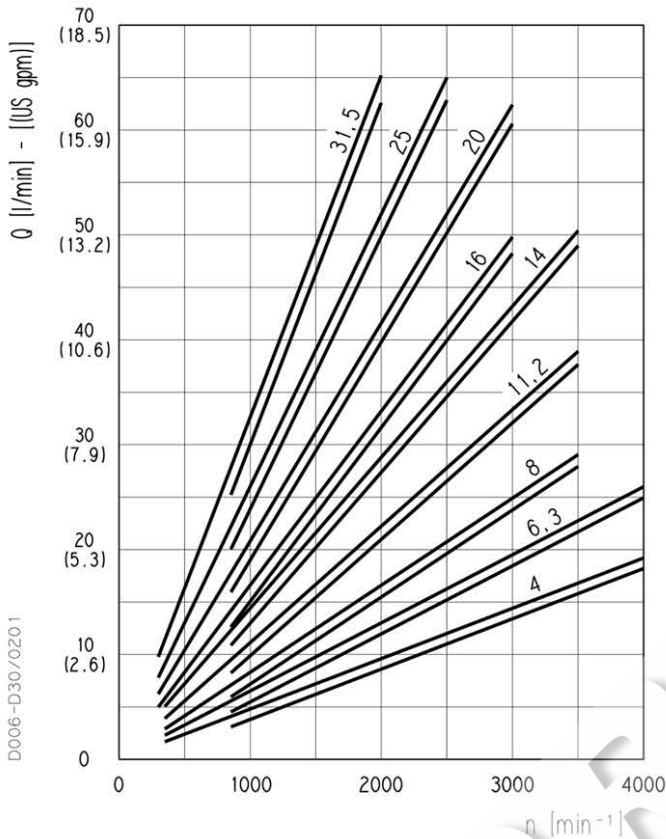
p₁= Max. continuous pressurep₂= Max. intermittent pressurep₃= Max. peak pressure

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.

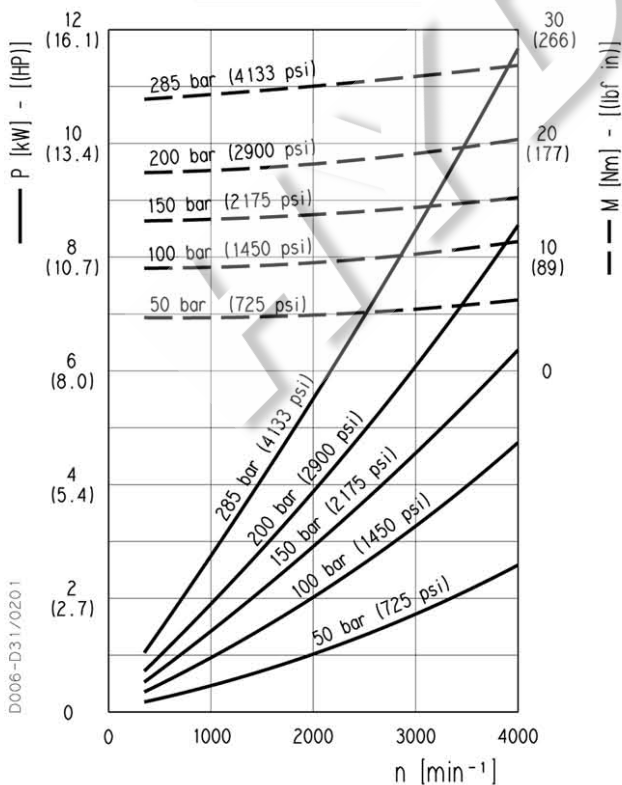
KP 20



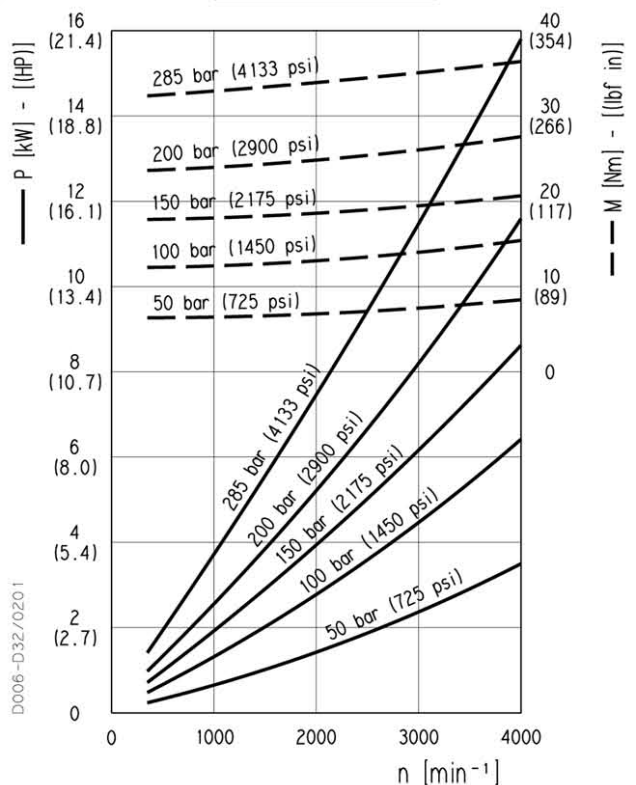
Each curve has been obtained at 122 °F (50 °C), using oil with viscosity 168 SSU (36 cSt) at 104 °F (40 °C) and at these pressures:

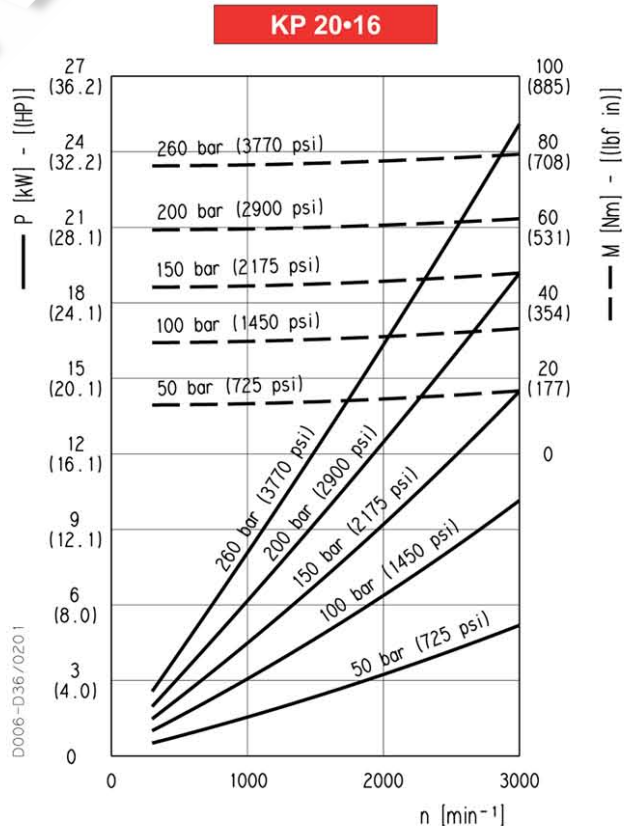
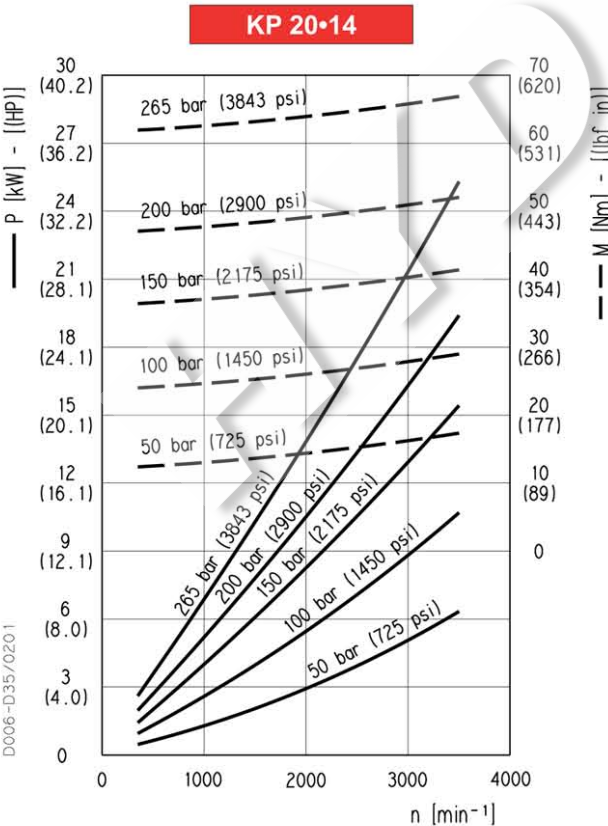
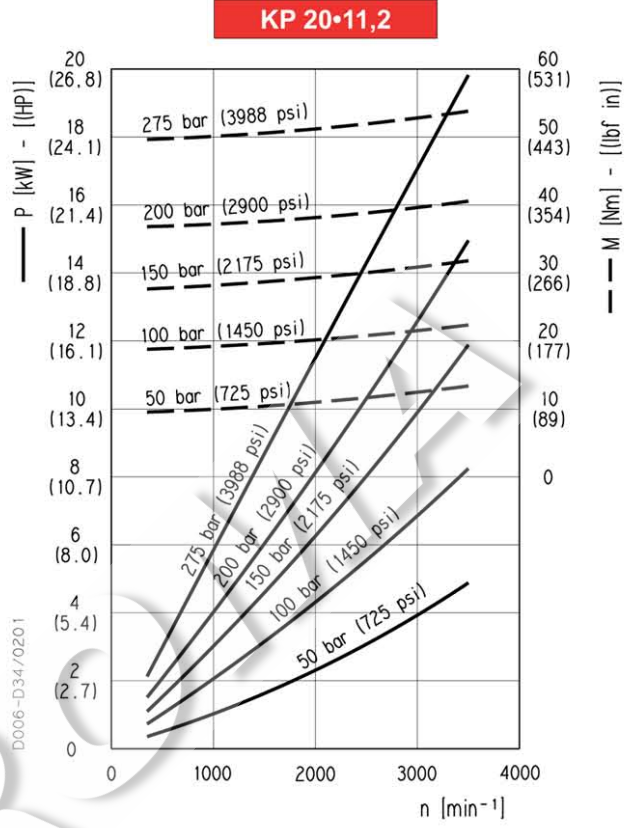
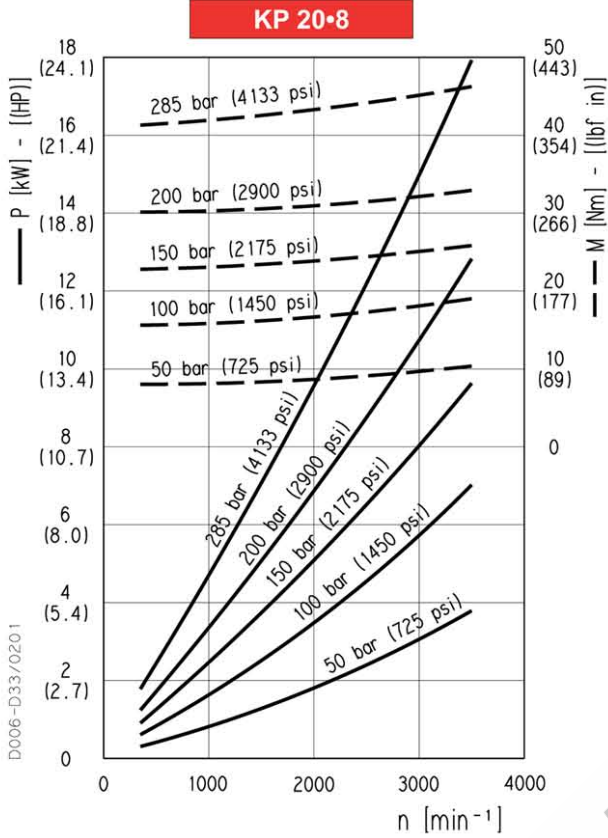
- KP 20•4. 290-4133 psi (20-285 bar)
- KP 20•6,3 290-4133 psi (20-285 bar)
- KP 20•8. 290-4133 psi (20-285 bar)
- KP 20•11,2 290-3988 psi (20-275 bar)
- KP 20•14. 290-3843 psi (20-265 bar)
- KP 20•16. 290-3770 psi (20-260 bar)
- KP 20•20. 290-3045 psi (20-210 bar)
- KP 20•25. 290-2610 psi (20-180 bar)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

KP 20•4



KP 20•6,3



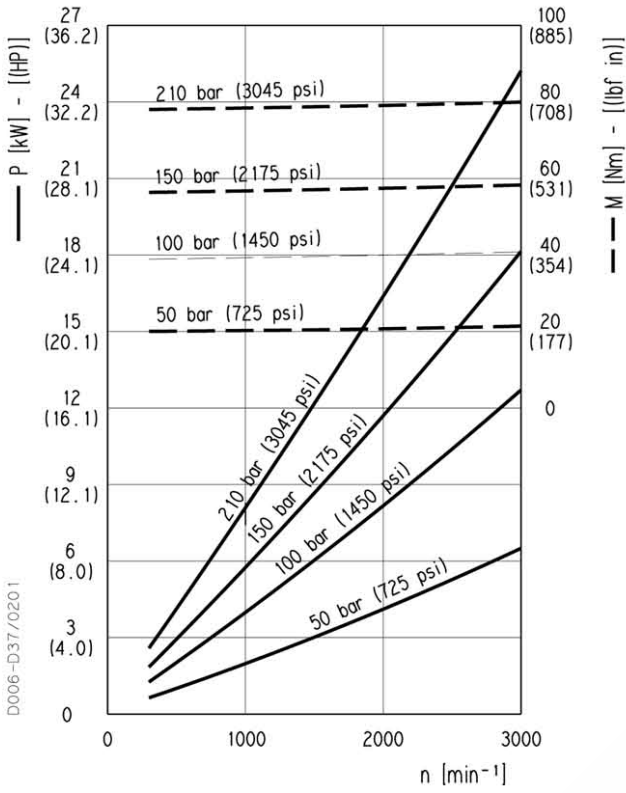


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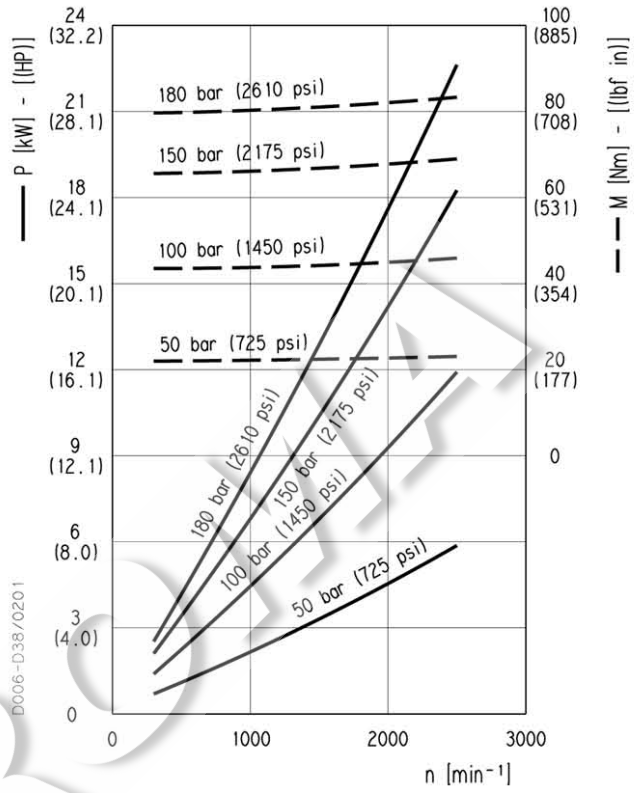
D006-D35/0201

D006-D36/0201

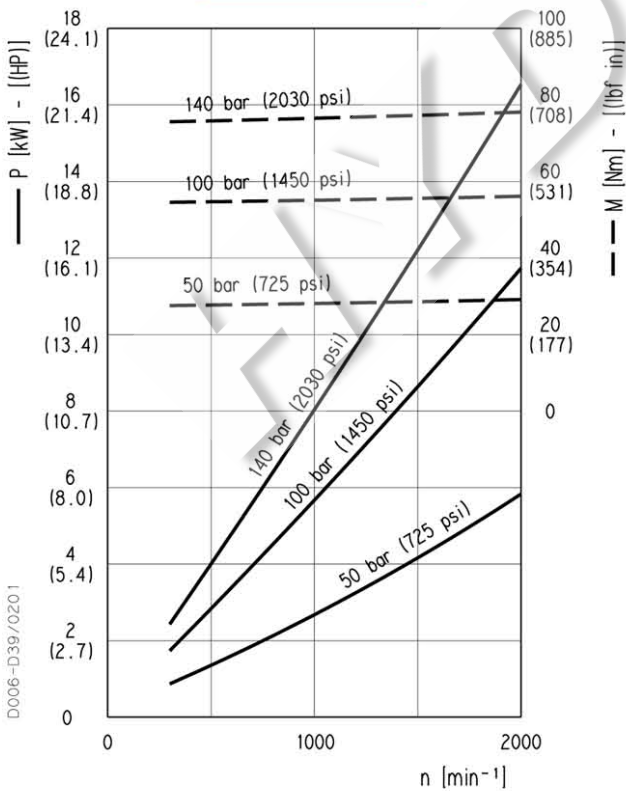
KP 20•20



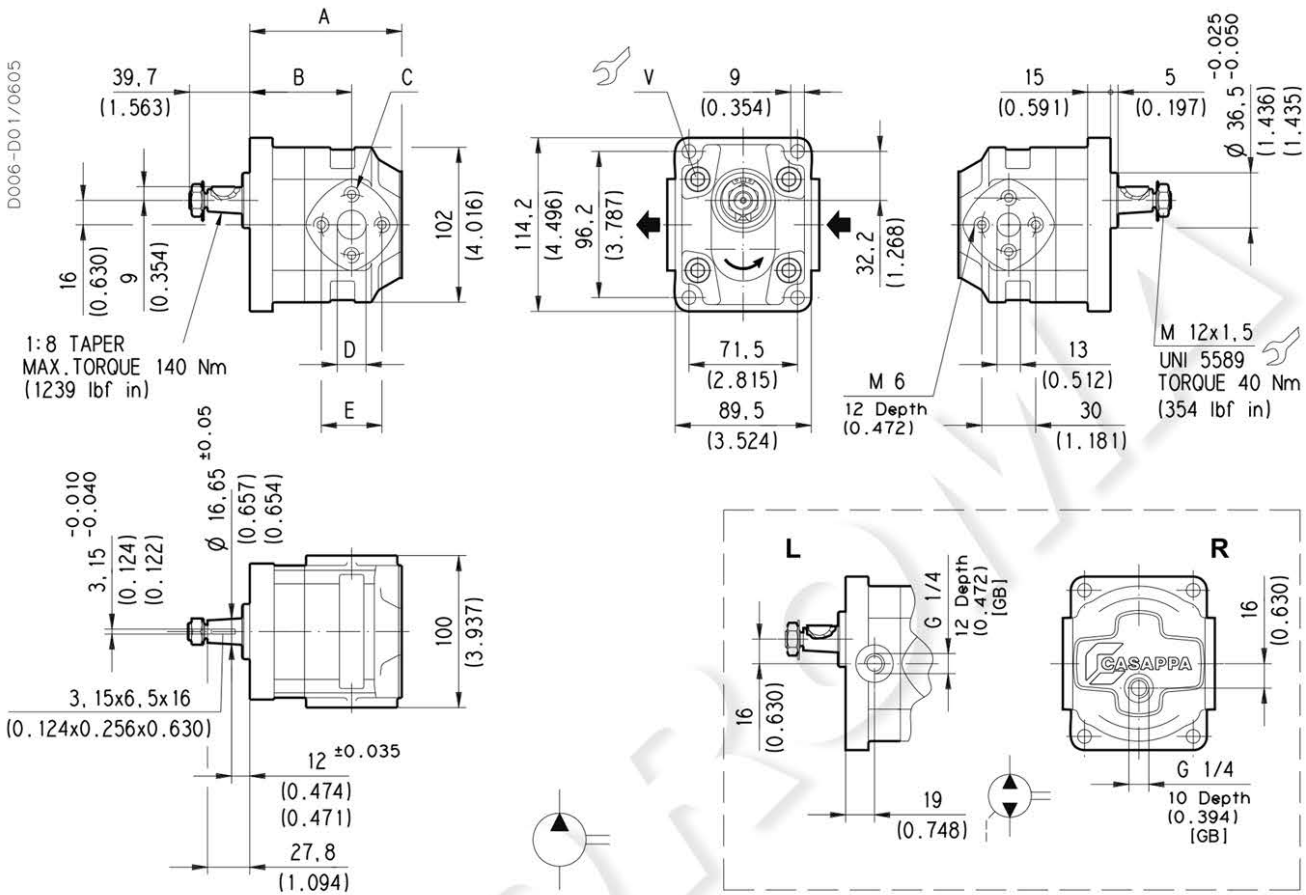
KP 20•25



KP 20•31,5



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
	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)
KP 20•4	87,5 (3.445)	60 (2.362)	M6 Depth 12 (0.472)	13 (0.512)	30 (1.181)
KP 20•6,3	90 (3.543)	62,5 (2.461)			
KP 20•8	92,5 (3.642)	65 (2.559)			
KP 20•11,2	96 (3.780)	68,5 (2.697)			
KP 20•14	100 (3.937)	67 (2.638)	M8 Depth 14 (0.551)	19 (0.748)	40 (1.575)
KP 20•16	105,5 (4.154)	72,5 (2.854)			
KP 20•20	112 (4.409)	79 (3.110)			
KP 20•25	120 (4.724)	72 (2.835)			
KP 20•31,5	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 EA/EA-N