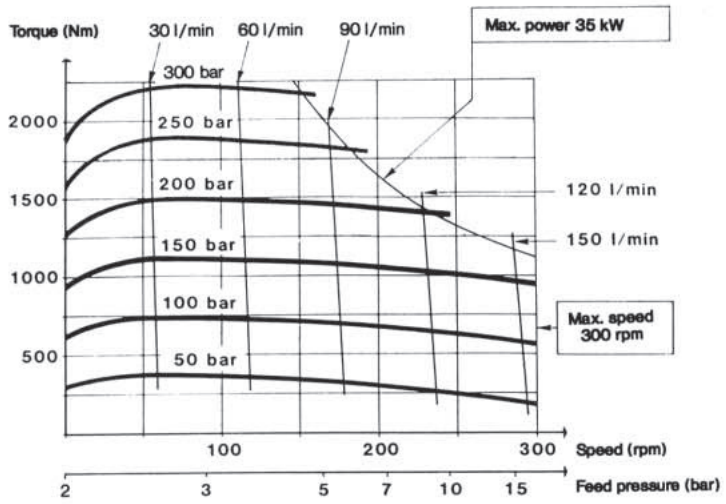
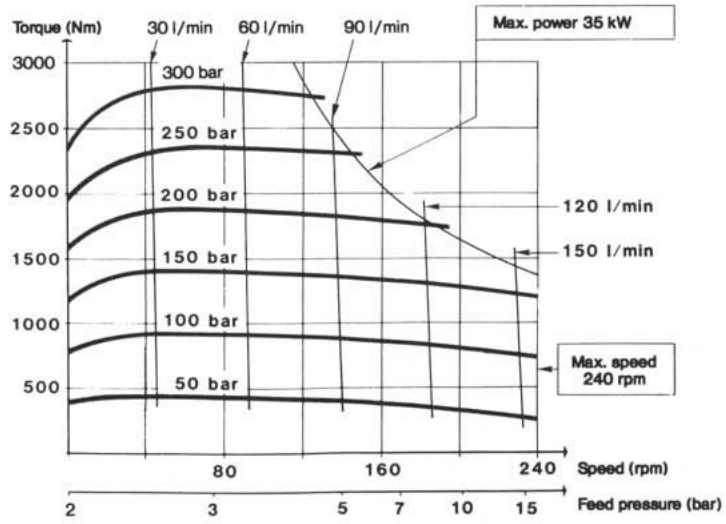
Class 4
500 – 630 – 800 ccm motors

SI-standard

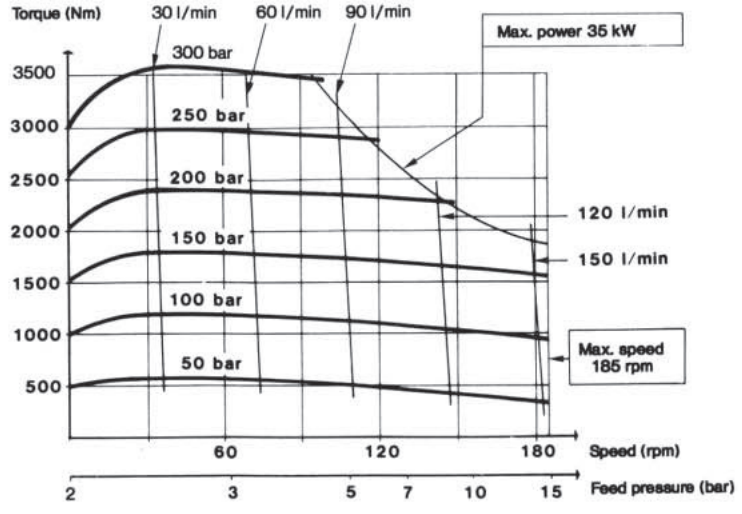
500 ccm



630 ccm



800 ccm



Performance data

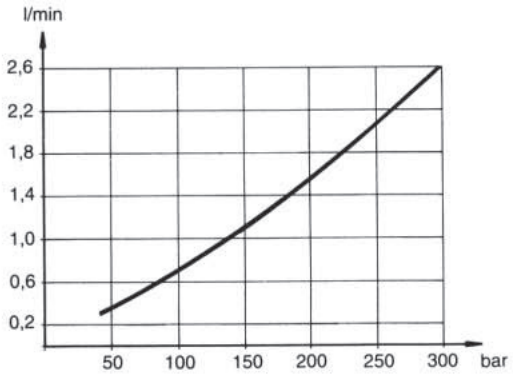
Displacement ccm	500	630	800
Peak pressure bar	350	350	350
Mobile use			
— torque (Nm) at 300 bar*	2245	2825	3590
— torque (Nm) at 250 bar	1870	2355	2990
— power kW	35	35	35
Max. speed			
— working rpm	300	240	185
— freewheel. rpm	1200	1200	1200

* Intermittent pressure: max. 10 % of every minute.

Technical data
500 - 630 - 800 ccm

Brake		—	multi disc	shoe
Brake torque	Nm	—	3700	3500
Radial load				
— static	kg	5000	5000	5000
— dynamic	kg	3500	3500	3500
Max static axial load (without radial load)				
— compression	kN	81	81	81
— expansion	kN	39	39	39
Weight	kg	50	66	72
Dimensions				
— diameter	mm	282	282	334
— length	mm	280	420	280
Moment of inertia	kgm²	0,28	0,32	0,60
Min.rim size	in	13	13	13

Case leakage
500 – 630 – 800 ccm



Curves based on oil viscosity 35 cSt.