Model No. **M3B1**
M3B - 036 - 1 N 00 - B 1 01 -

M3B - Series external drain
M3B1 - Series internal drain

Torque
009 = 0,130 Nm/bar
012 = 0,186 Nm/bar
018 = 0,304 Nm/bar
027 = 0,485 Nm/bar
036 = 0,624 Nm/bar

Type of shaft
1 = keyed (non SAE)
3 = splined (SAE A)
4 = splined (SAE B)

Direction of rotation (shaft end view)
N = bi-directional

CW rotation => A = inlet B = outlet
CCW rotation => B = inlet A = outlet

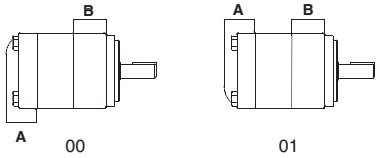
Modifications

Ports
00 = SAE threaded port
SAE drain
01 = 4 bolts SAE flange with UNC threads
BSPP drain
02 = BSPP threaded port
BSPP drain

Seal class
1 = S1 - BUNA N
5 = S5 - VITON®

Design letter

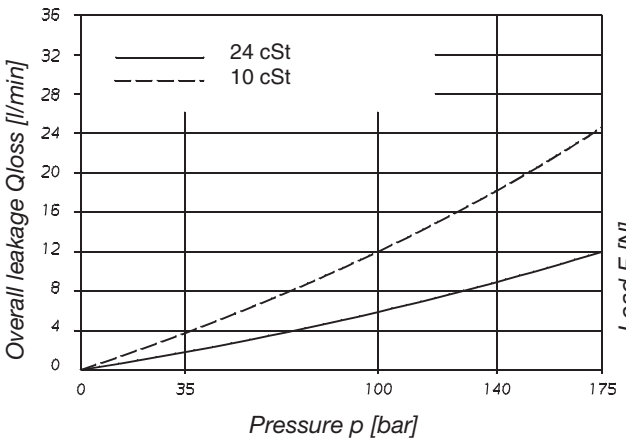
Porting combination
00 = standard



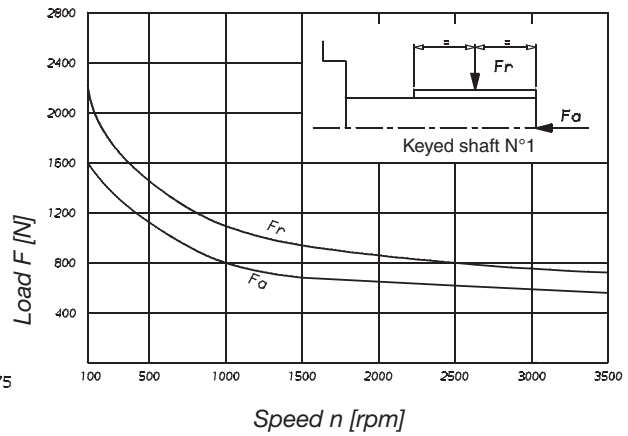
Operating Characteristics - Typical [24 cSt]

Model	V_i Volumetric displacement	Input flow at n = 2000 rpm		Torque T at n = 2000 rpm	Power output at n = 2000 rpm
		Theoretical	at 175 bar Δ p	at 175 bar Δ p	at 175 bar Δ p
	cm³/rev.	l/min	l/min	Nm	kW
M3B 009	9,2	18,4	30,4	19,7	4,3
M3B 012	12,3	24,6	36,6	26,7	5,8
M3B 018	18,5	37,0	49,0	46,6	10,0
M3B 027	27,8	55,6	67,6	77,4	16,3
M3B 036	37,1	74,2	86,2	102,0	21,1

Overall Leakage (internal + external)



Permissible shaft loads



Do not apply Fr and Fa loads simultaneously

M3B - M3B1 motor

Weight : 8,0 kg