KVM4*E\ KVM4*E1 - 214 - 1 N 00 - B 5 02 *_
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① Series external drain

② Series internal drain

③ Torque
153 = 2.52 Nm/bar
185 = 3.05 Nm/bar
214 = 3.53 Nm/bar

④ Type of shaft
1-Keyed (SAE C)
3-Splined (SAE C)

⑤ Rotation
N - Bi-directional

*S = Severe duty motor
VM4E1-VM4SE1 : Drain port is plugged

View from shaft end
CW rotation A = inlet B = outlet
CCW rotation A = outlet B = inlet

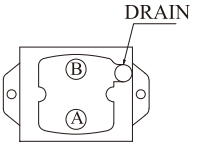
⑥ Porting combination
00-standard

⑦ Design letter

⑧ Seal class
5-S5

⑨ Port connections
01 = SAE threaded port
SAE drain
02 = SAE 4 bolt flange
UNC threaded - SAE drain
04 = SAE 4 bolt flange
UNC threaded - BSPP drain

⑩ Modifications

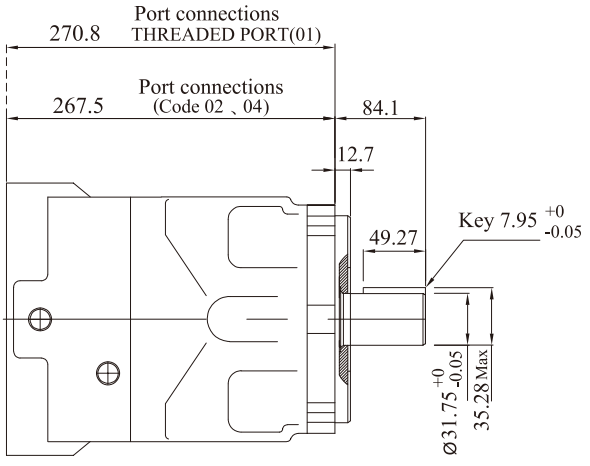


00
Porting combination
00-standard

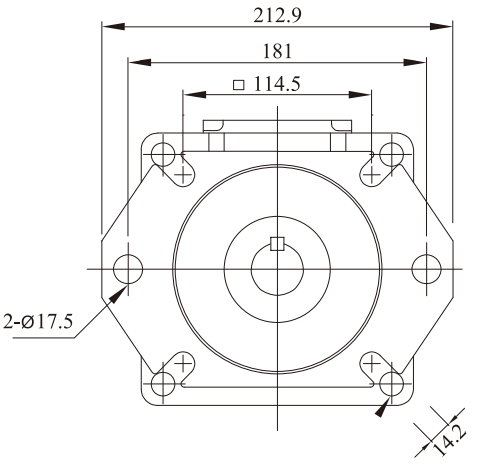
OPERATING CHARACTERISTICS - TYPICAL (24 cST)

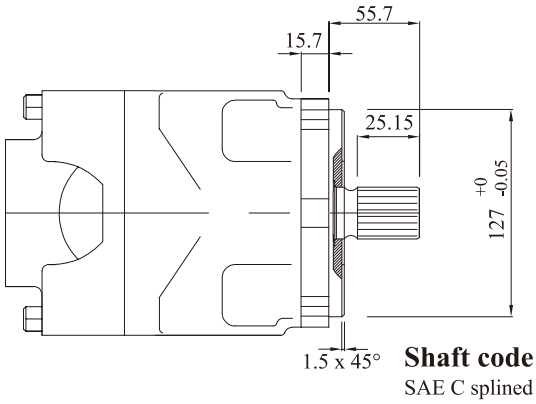
MODEL	Series	Volumetric Displacement Vi	Input flow at n=2000 rpm		Torque T n =2000 rpm		Power output n =2000 rpm		P Max Kg/cm²	Max r.p.m
			Theoretical	at 175 bar (2500psi) ∆ p	at 175 bar (2500psi) ∆p		at 175 bar (2500psi) ∆ p			
		cm³/rev	ℓ / min	ℓ / min	in.lbf	Nm	HP	Kw		
KVM4E KVM4SE	153	158.5	316.4	343.0	3522.0	398.0	111.8	83.4	175	3600
	185	191.6	382.5	409.0	4283.2	484.0	136.0	101.4		
	214	222.0	443.4	470.0	5017.7	567.0	159.3	118.8		

KVM4E Dimensional Drawing

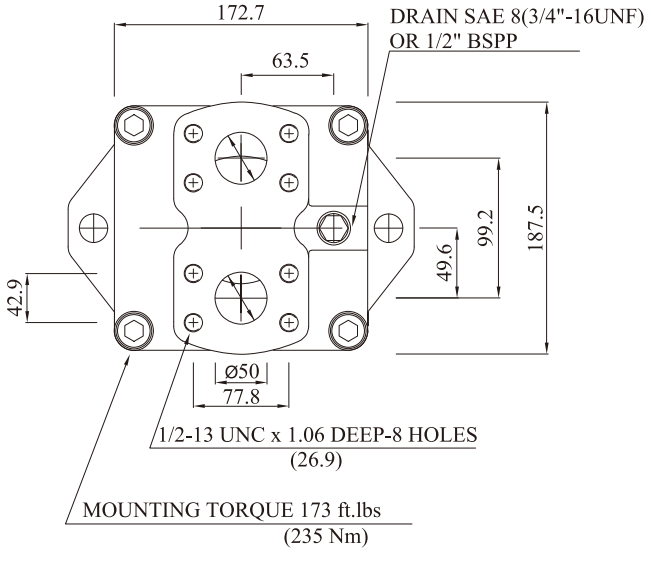


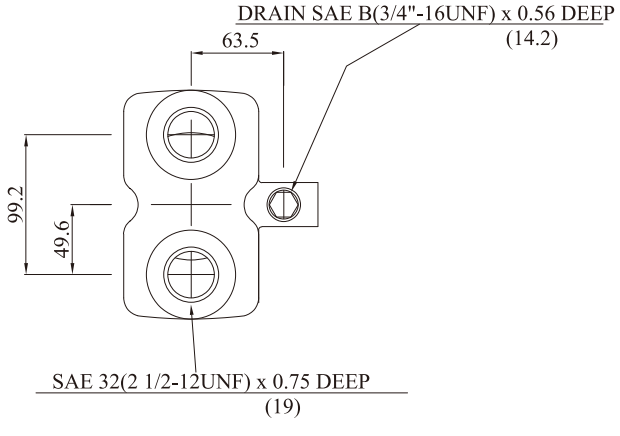
Shaft code 1
(keyed SAE C)





Shaft code 3
SAE C splined shaft
Class 1 - J498b
12/24 dp. 14 teeth
30° pressure angle
flat root side fit





SAE THREADED PORT