

KVM4*C \ KVM4*C1 - 055 - 1 N 00 - A 1 02 *
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① **Series external drain**

② **Series internal drain**

③ **Torque**

024 = 0.39 Nm/bar
 027 = 0.45 Nm/bar
 031 = 0.55 Nm/bar
 043 = 0.74 Nm/bar
 055 = 0.93 Nm/bar
 067 = 1.13 Nm/bar
 075 = 1.27 Nm/bar

④ **Type of shaft**

1-Keyed (SAE B)
 2-Keyed (no SAE)
 3-Splined (SAE B)
 4-Splined (SAE BB)
 5-Keyed

⑤ **Rotation**

N - Bi-directional

*S = Severe duty motor

KVM4C1-KVM4SC1 : Drain port is plugged

⑥ **Porting combination**

00-standard

⑦ **Design letter**

⑧ **Seal class**

1-S1 (KVM4C)

5-S5 (KVM4SC)

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

M4 = SAE 4 bolt flange

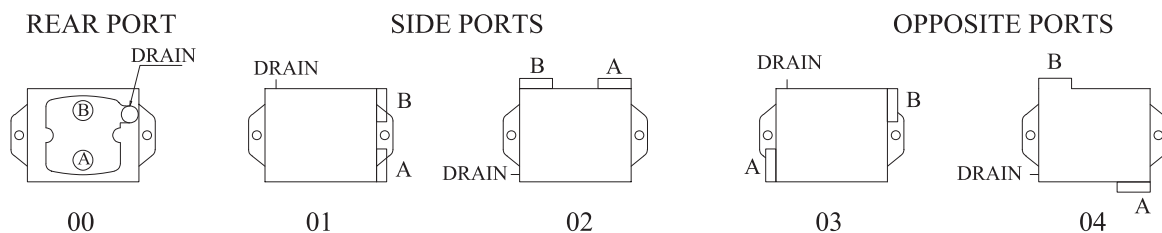
metric threaded - BSPP drain

⑩ **Modifications**

View from shaft end

CW rotation A = inlet B = outlet

CCW rotation A = outlet B = inlet



Porting combination

OPERATING CHARACTERISTICS - TYPICAL (24 cST)

MODEL	Series	Volumetric Displacement Vi	Input flow at n=2000 rpm		Torque T at =2000 rpm		Power output at =2000 rpm		P Max Kg/cm ²	Max r.p.m
			Theoretical	at 175 bar (2500psi) Δp	at 175 bar (2500psi) Δp	at 175 bar (2500psi) Δp				
		cm ³ /rev	ℓ / min	ℓ / min	in.lbs	Nm	HP	Kw		
KVM4C KVM4SC	024	24.4	49.0	67.0	535.4	60.5	17.0	12.7	175	4000
	027	28.2	56.0	74.0	619.5	70.0	19.7	14.7		
	031	34.5	69.0	87.0	768.0	86.8	24.0	18.0		
	043	46.5	93.0	111.0	1062.0	120.0	33.6	25.1		
	055	58.8	118.0	136.0	1318.6	149.0	41.8	31.2		
	067	71.1	142.0	160.0	1504.5	170.0	47.7	35.6		
	075	80.1	160.0	178.0	1752.2	198.0	55.6	41.5		

