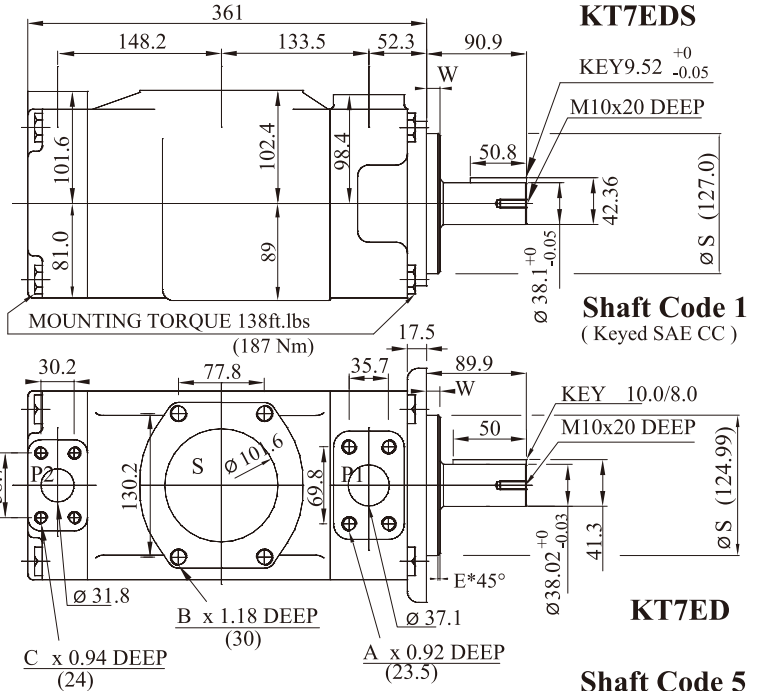
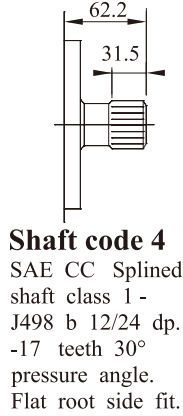


Shaft code 3
SAE C Splined shaft class 1 - J498 b 12/24 dp. -14 teeth 30° pressure angle. Flat root side fit.



Shaft torque limits (mℓ/rev x bar)		
Pump	Shaft	Vp x p max.P1+P2
KT7ED	1	72372
	2	34590
	3	61200
	4	68568
	5	68568

Alternate connect variables		
	01	M1
A	1/2-13 UNC	M12
B	5/8-11 UNC	M16
C	7/16-14 UNC	M12

Alternate mounting flange						
Series	ø S		E*45°	W	K	ø D
	MAX.	Min.				
KT7ED	4.921(124.99)	4.919(124.94)	0.079(2.0)	0.374(9.49)	7.087(180.0)	0.709(18.0)
KT7EDS	5.0(127.0)	4.998(126.94)	0.051(1.3)	0.5(12.7)	7.126(181.0)	0.689(17.5)

OPERATING CHARACTERISTICS - TYPICAL [24 cSt]

(input power p (kw) for one cartridge only)

Pressure port	Series	Volumetric Displacement Vp	Flow qvc [ℓ/min] 1800 rpm			Input power P [KW] 1800rpm			P Max Kg/cm ²	Max r.p.m
			P = 0 bar	P = 140 bar	P = 240 bar	P = 7 bar	P = 140 bar	P = 240 bar		
P1	042	132.3mℓ/rev	237.8	228.2	221.2	6.03	58.49	99.77	240	2200
	045	142.5mℓ/rev	255.9	246.3	239.3	6.24	62.66	107.08		
	050	158.5mℓ/rev	284.9	275.3	268.3	6.58	69.32	118.75		
	052	163.8mℓ/rev	296.2	286.6	279.6	6.70	71.94	123.31		
	057	183.2mℓ/rev	329.3	319.7	312.7	7.09	79.47	141.56		
	062	196.6mℓ/rev	353.6	343.9	336.9	7.37	85.13	146.41		
	066	213.0mℓ/rev	383.4	373.8	366.8	7.71	92.0	158.43		
	072	227.1mℓ/rev	408.2	398.6	391.6	7.99	97.71	166.42		
	085 1)	268.7mℓ/rev	483.0	476.7 2)	-	8.85	75.8 2)	-		
P2			P = 0 bar	P = 140 bar	P = 250 bar	P = 7 bar	P = 140 bar	P = 250 bar	250	2200
	014	43.9mℓ/rev	79.1	72.5	67.3	2.6	20.7	35.07		
	017	55.0mℓ/rev	98.8	92.3	87.0	2.8	25.3	43.03		
	020	66.0mℓ/rev	118.6	112.0	106.8	3.1	29.8	50.99		
	024	81.1mℓ/rev	145.8	139.2	134.0	3.4	36.1	61.93		
	028	89.9mℓ/rev	161.8	155.2	150.0	3.5	39.7	68.38		
	031	99.1mℓ/rev	178.3	171.7	166.5	3.7	43.6	75.03		
	035	113.4mℓ/rev	203.9	197.2	192.0	4.0	49.4	85.32		
	038	120.6mℓ/rev	216.8	210.2	204.9	4.2	52.4	90.54		
	042	137.5mℓ/rev	247.2	240.6	235.4	4.5	59.4	102.77		
	045	145.7mℓ/rev	262.0	253.6	246.8	5.0	62.4	108.71		
	050	157.9mℓ/rev	284.0	275.8	273.1 3)	5.3	67.5	100.3 3)		

1) 085 = 2000 rpm max.

2) 085 = 90 bar max. int.

3) 050 = 210 bar max. int.

Min Speed : 600 rpm