

T6EDCS
Model No. T6EDCM - 062 - B35 - B17 - 1 R 00 - A 1 - P 0 -

Series _____

Cam ring for "P1"
(Delivery at 0 bar & 1500 r.p.m.)
042 = 198,5 l/min 062 = 295,0 l/min
045 = 213,6 l/min 066 = 319,9 l/min
050 = 237,7 l/min 072 = 340,6 l/min
052 = 247,2 l/min

Cam ring for "P2"
(Delivery at 0 bar & 1500 r.p.m.)
B14 = 71,4 l/min B35 = 166,5 l/min
B17 = 87,3 l/min B38 = 180,4 l/min
B20 = 99,0 l/min B42 = 204,0 l/min
B24 = 119,3 l/min B45 = 218,5 l/min
B28 = 134,5 l/min B50 = 237,0 l/min
B31 = 147,4 l/min

Cam ring for "P3"
(Delivery at 0 bar & 1500 r.p.m.)
B03 = 16,2 l/min B17 = 87,4 l/min
B05 = 25,8 l/min B20 = 95,7 l/min
B06 = 31,9 l/min B22 = 105,4 l/min
B08 = 39,6 l/min B25 = 118,9 l/min
B10 = 51,1 l/min B28 = 133,2 l/min
B12 = 55,6 l/min B31 = 150,0 l/min
B14 = 69,0 l/min

Modification
Mounting W/connection variables
0 = P3 = 1" SAE
1 = P3 = 3/4" SAE

Options
P = 4 holes for external support

Seal class
1 = S1 (for mineral oil)
4 = S4 (for the resistant fluids)
5 = S5 (for mineral oil and fire resistant fluids)

Design letter
Porting combination (see pages 34 - 35)
00 = standard

Direct. of rotation (view on shaft end)
R = clockwise
L = counter-clockwise

Type of shaft
1 = keyed (G45N - ISO 3019-2) (T6EDCM)
2 = keyed (SAE D & E) (T6EDCS)
3 = splined (SAE D & E) (T6EDCM-T6EDCS)

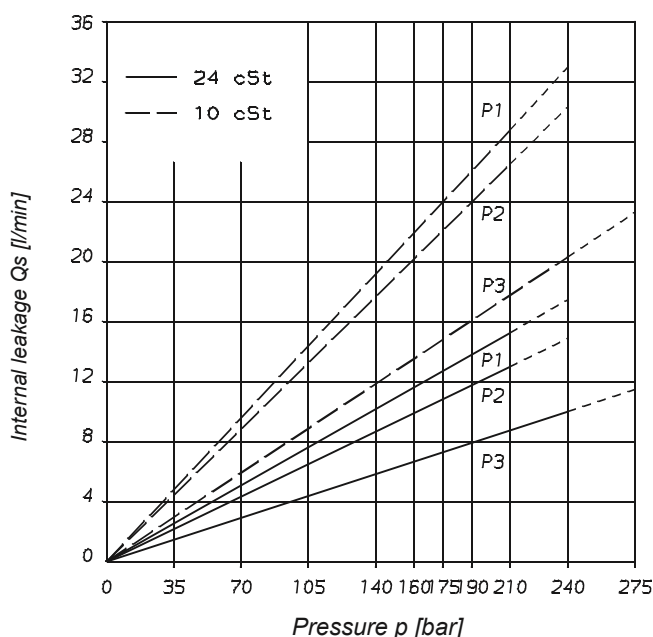
OPERATING CHARACTERISTICS - TYPICAL [24 cSt]

Pressure port	Series	Volumetric Displacement Vi	Flow Q [l/min] & n = 1500 RPM			Input power P [kW] & n = 1500 RPM		
			p = 0 bar	p = 140 bar	p = 240 bar	p = 7 bar	p = 140 bar	p = 240 bar
P1	042	132.3 ml/rev	198.5	188.5	181.3	5.2	49.4	82.6
	045	142.4 ml/rev	213.6	203.6	196.5	5.4	52.9	88.7
	050	158.5 ml/rev	237.7	227.7	220.6	5.7	58.5	98.3
	052	164.8 ml/rev	247.2	237.2	230.1	5.8	60.8	102.1
	062	196.7 ml/rev	295.0	285.0	277.9	6.4	71.9	121.3
	066	213.3 ml/rev	319.9	309.9	302.8	6.7	77.7	131.2
	072	227.1 ml/rev	340.6	330.6	323.5	6.9	82.6	139.5
P2	B14	47.6 ml/rev	71.4	62.1	55.9	2.3	18.5	30.6
	B17	58.2 ml/rev	87.3	78.0	71.8	2.5	22.2	37.0
	B20	66.0 ml/rev	99.0	89.7	83.5	2.8	24.9	41.7
	B24	79.5 ml/rev	119.3	110.0	103.8	3.0	29.6	49.8
	B28	89.7 ml/rev	134.5	125.2	119.0	3.2	33.2	55.9
	B31	98.3 ml/rev	147.4	138.1	131.9	3.3	36.2	61.0
	B35	111.0 ml/rev	166.5	157.2	151.0	3.5	40.7	68.7
	B38	120.3 ml/rev	180.4	171.1	164.9	3.7	43.9	74.3
	B42	136.0 ml/rev	204.0	194.7	188.5	4.0	49.4	83.7
	B45	145.7 ml/rev	218.5	209.2	203.0	4.1	52.8	89.5
P3	B50	158.0 ml/rev	237.0	227.7	224.0 ¹⁾	4.4	57.0	85.0 ¹⁾
	B03	10.8 ml/rev	16.2	10.7	-	1.3	5.3	-
	B05	17.2 ml/rev	25.8	20.3	15.8	1.4	7.5	12.2
	B06	21.3 ml/rev	31.9	26.5	22.0	1.5	8.9	14.7
	B08	26.4 ml/rev	39.6	34.1	29.6	1.6	10.7	17.7
	B10	34.1 ml/rev	51.1	45.7	41.2	1.7	13.4	22.3
	B12	37.1 ml/rev	55.6	50.2	45.7	1.7	14.4	24.1
	B14	46.0 ml/rev	69.0	63.5	59.0	1.9	17.6	29.5
	B17	58.3 ml/rev	87.4	80.0	77.5	2.1	21.9	36.9
	B20	63.8 ml/rev	95.7	90.2	85.7	2.2	23.8	40.2
	B22	70.3 ml/rev	105.4	100.0	95.5	2.3	26.1	44.1
	B25	79.3 ml/rev	118.9	113.5	109.0	2.5	29.2	49.5
	B28	88.8 ml/rev	133.2	127.7	124.5 ¹⁾	2.8	32.7	48.5 ¹⁾
	B31	100.0 ml/rev	150.0	144.5	141.3 ¹⁾	2.8	36.5	54.4 ¹⁾

¹⁾ B28 - B31 - B50 = 210 bar max. int.

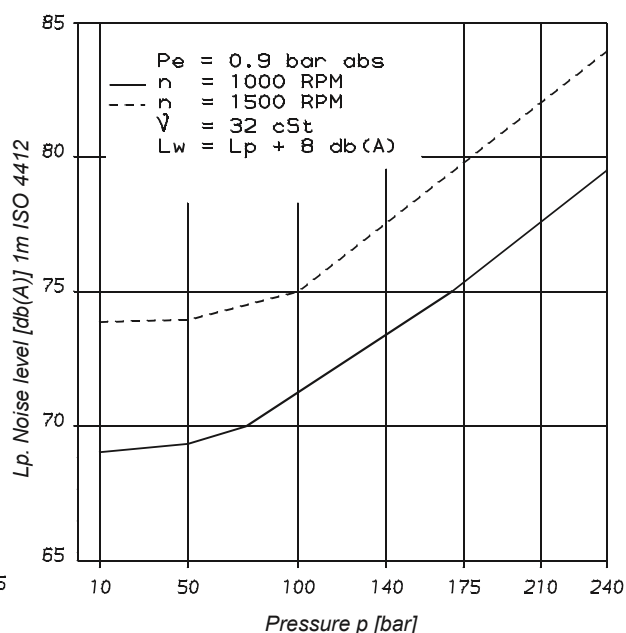
- Not to use because internal leakage greater than 50% theoretical flow

INTERNAL LEAKAGE (TYPICAL)



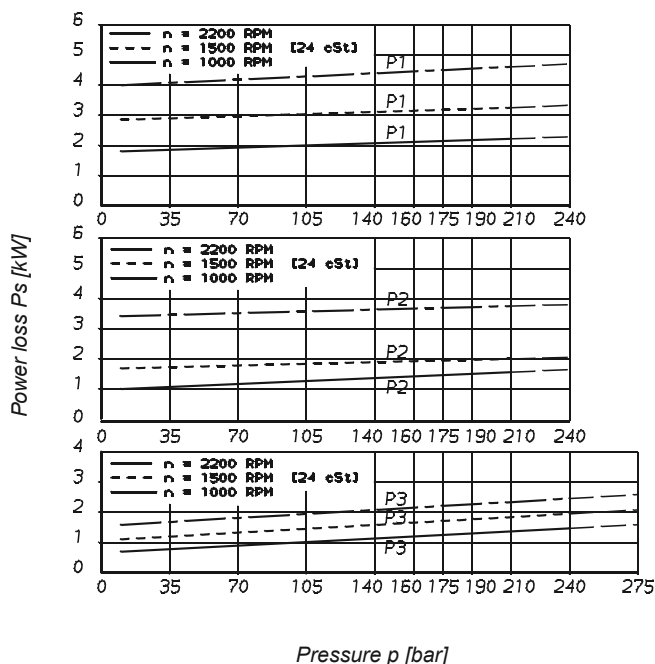
Total leakage is the sum of each section loss at its operating conditions.

NOISE LEVEL (TYPICAL)
 T6EDCM - 062 - B35 - B17



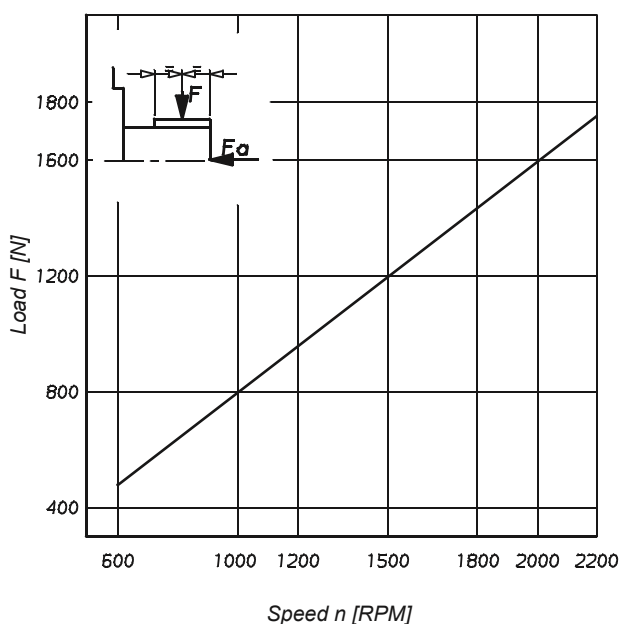
Triple pump noise level is given with each section discharging at the pressure noted on the curve.

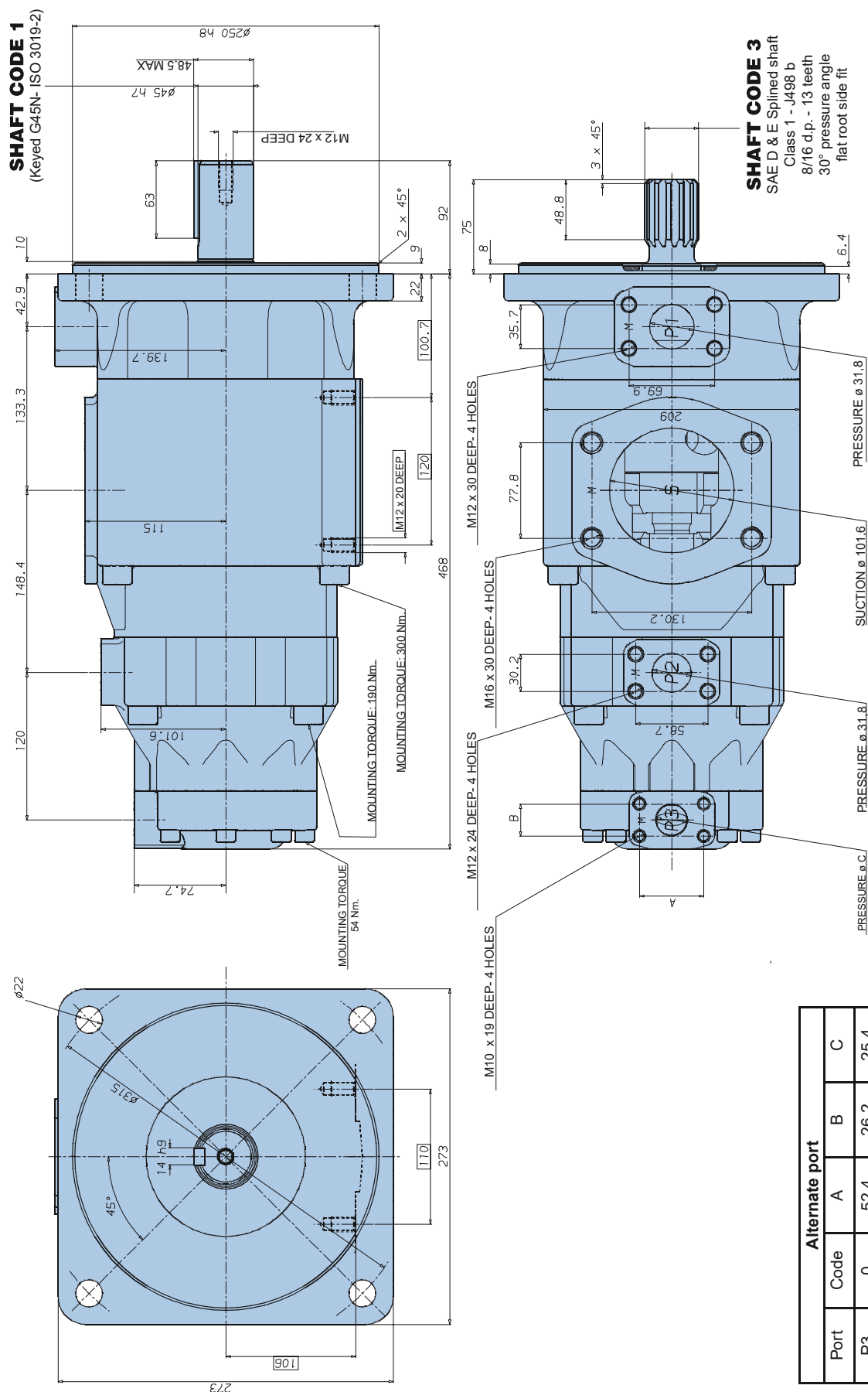
POWER LOSS HYDROMECHANICAL (TYPICAL)



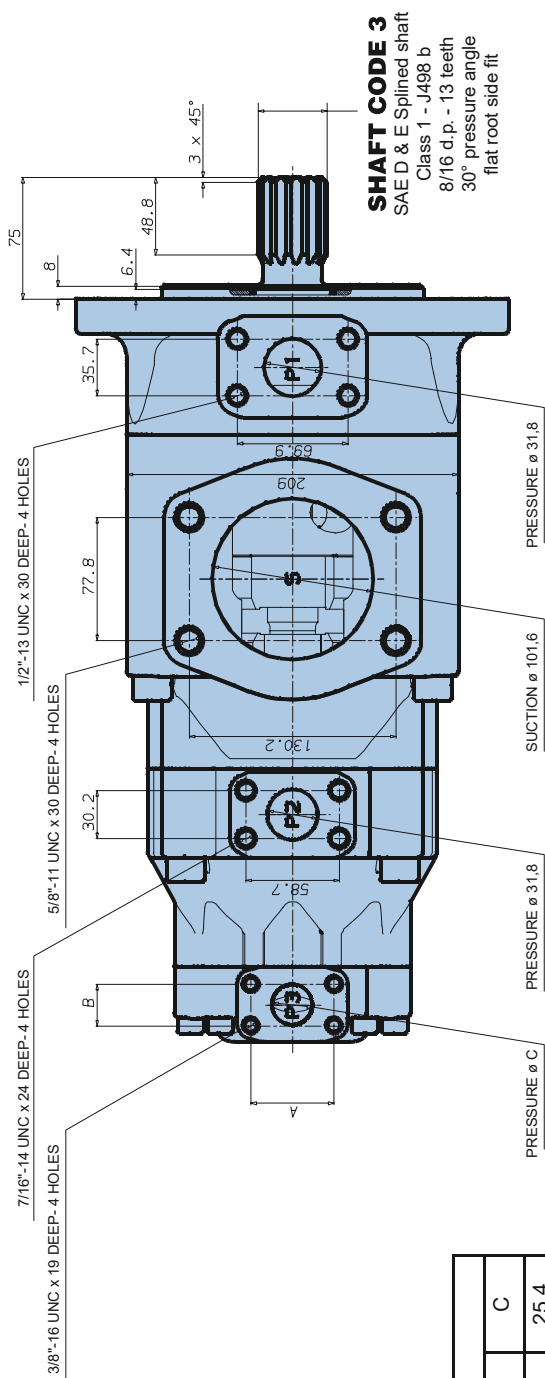
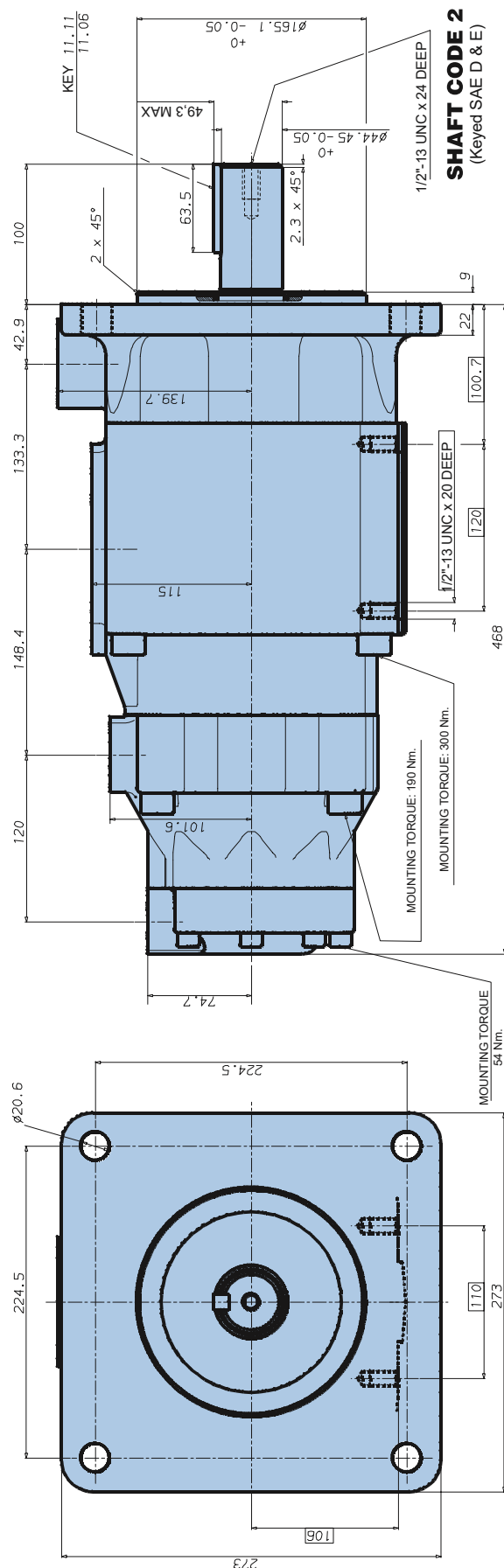
Total hydrodynamic power loss is the sum of each section at its operating conditions.

PERMISSIBLE RADIAL LOAD





Alternate port				
Port	Code	A	B	C
P3	0	52,4	26,2	25,4
P3	1	47,6	22,2	19,0



Port	Alternate port		
	Code	A	B
P3	0	52,4	26,2
P3	1	47,6	22,2
			C
			25,4
			19,0