

Model No.

T6EC - 066 - 022 - 1 R 00 - B 1 -

Series

P1 **P2**

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.)

003 = 16,2 l/min 017 = 87,4 l/min
 005 = 25,8 l/min 020 = 95,7 l/min
 006 = 31,9 l/min 022 = 105,4 l/min
 008 = 39,6 l/min 025 = 118,9 l/min
 010 = 51,1 l/min 028 = 133,2 l/min
 012 = 55,6 l/min 031 = 150,0 l/min
 014 = 69,0 l/min

Modification

Seal class

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

Design letter

Porting combination (see page 30)
 00 = standard

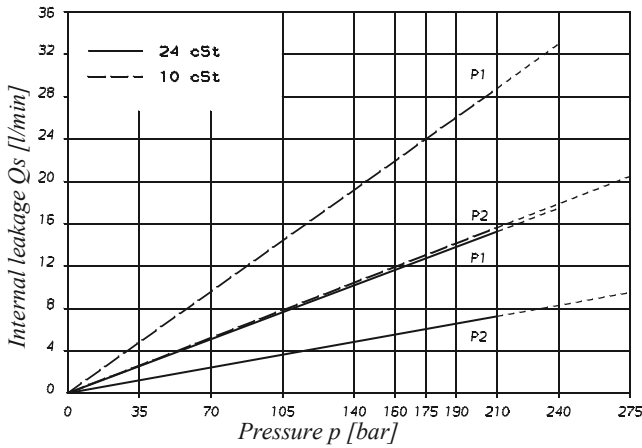
Direct. of rotation (view on shaft end)

R = clockwise
 L = counter-clockwise

Type of shaft

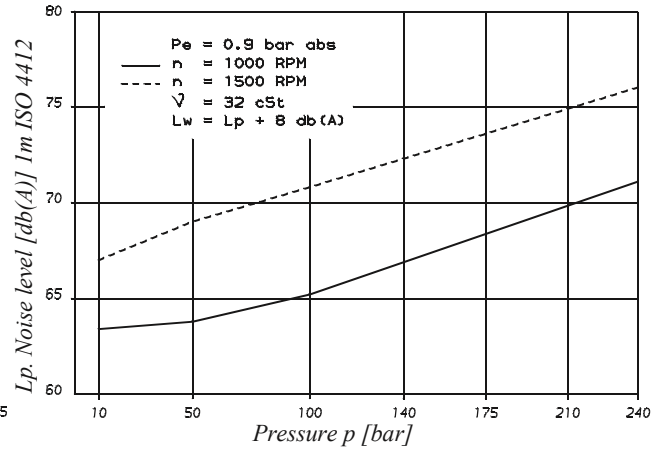
1 = keyed (SAE CC)
 2 = keyed (no SAE)
 3 = splined (SAE C)
 4 = splined (SAE CC)

INTERNAL LEAKAGE (TYPICAL)



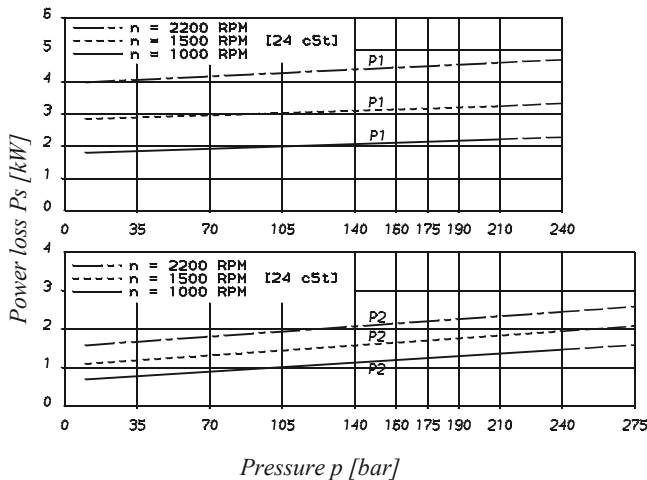
Do not operate the pump more than 5 seconds at any speed or viscosity, if internal leakage is more than 50% of theoretical flow. Total leakage is the sum of each section loss at its operating conditions.

NOISE LEVEL (TYPICAL)
T6EC - 050 - 022



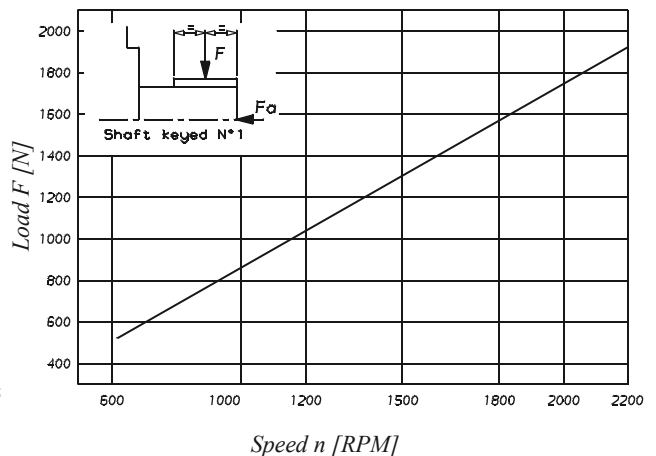
Double pump noise level is given with each section discharging at the pressure noted on the curve.

POWER LOSS HYDROMECHANICAL (TYPICAL)

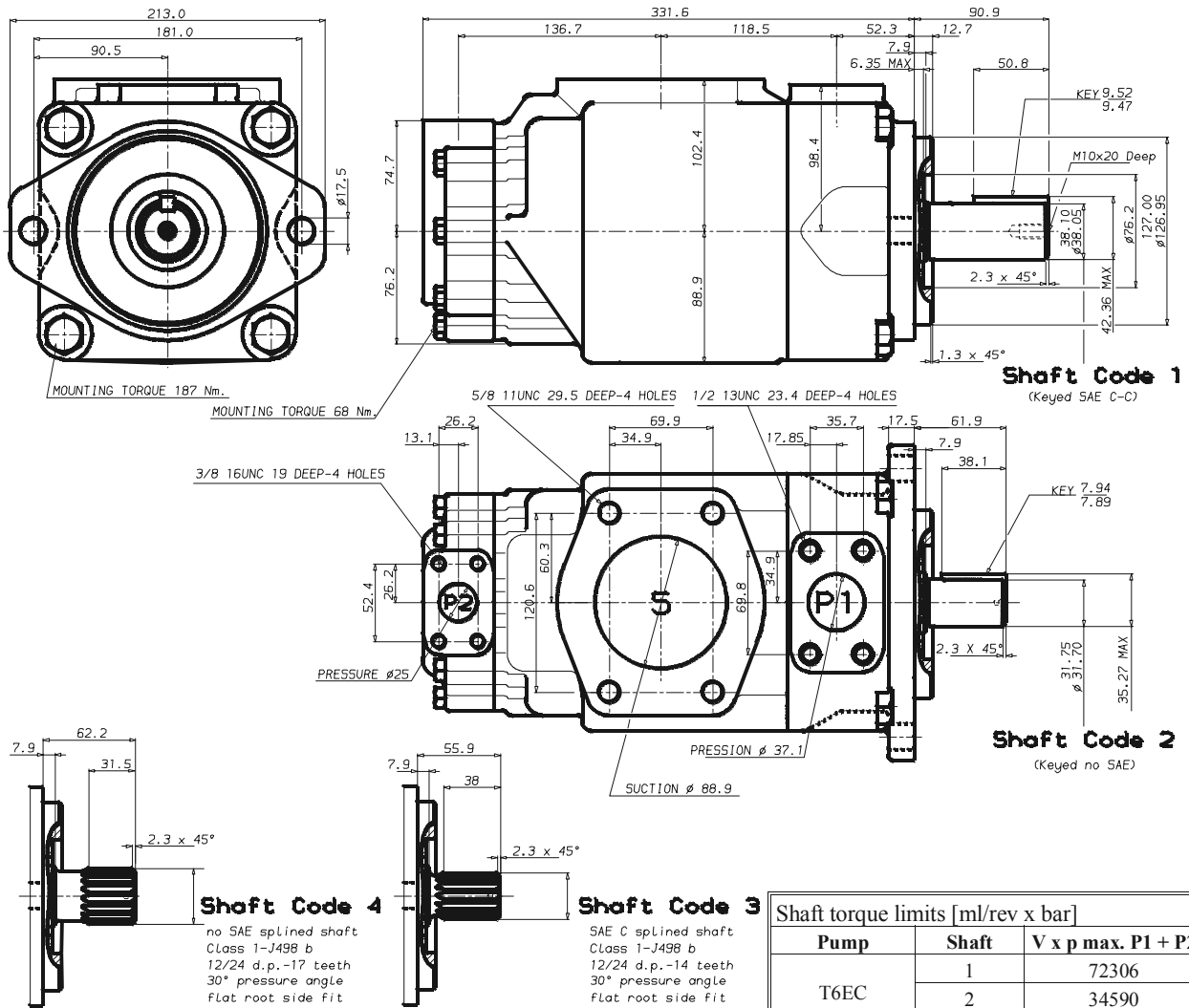


Total hydrodynamic power loss is the sum of each section at its operating conditions.

PERMISSIBLE RADIAL LOAD



DIMENSIONS & OPERATING CHARACTERISTICS - Weight : 55,0 kg - T6EC SERIES INDUSTRIAL APPLICATION



OPERATING CHARACTERISTICS - TYPICAL [24 cSt]

Shaft torque limits [ml/rev x bar]		
Pump	Shaft	V x p max. P1 + P2
T6EC	1	72306
	2	34590
	3	61200

Pressure port	Series	Volumetric Displacement Vi	Flow q _v [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	003	10,8 ml/rev	16,2	11,2	7,7	1,3	5,3	8,4
	005	17,2 ml/rev	25,8	20,8	17,3	1,4	7,5	12,2
	006	21,3 ml/rev	31,9	26,9	23,4	1,5	8,9	14,7
	008	26,4 ml/rev	39,6	34,6	31,1	1,6	10,7	17,7
	010	34,1 ml/rev	51,1	46,1	42,6	1,7	13,4	22,3
	012	37,1 ml/rev	55,6	50,6	47,1	1,7	14,4	24,1
	014	46,0 ml/rev	69,0	64,0	60,5	1,9	17,6	29,5
	017	58,3 ml/rev	87,4	82,4	78,9	2,1	21,9	36,9
	020	63,8 ml/rev	95,7	90,7	87,2	2,2	23,8	40,2
	022	70,3 ml/rev	105,4	100,4	96,9	2,3	26,1	44,1
	025	79,3 ml/rev	118,9	113,9	110,4	2,5	29,2	49,5
	028	88,8 ml/rev	133,2	128,2	125,8 ¹⁾	2,8	32,7	48,5 ¹⁾
	031	100,0 ml/rev	150,0	145,0	142,6 ¹⁾	2,8	36,5	54,4 ¹⁾

¹⁾ 028 - 031 = 210 bar max. int. Port connection can be furnished with metric threads.