

Industrial Hydraulic Pumps T67EB

Hydraulic Pumps



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Model No.

T67EB - 066 - B03 - 1 R 00 - A 1 01 -

Series - SAE C 2 bolts
Mounting flange J744c

P1 P2

Cam ring for "P1"

(Delivery at 0 bar & 1500 RPM)

042 = 198,5 l/min 062 = 295,0 l/min
045 = 213,6 l/min 066 = 319,9 l/min
050 = 237,8 l/min 072 = 340,6 l/min
052 = 247,2 l/min

Cam ring for "P2"

(Delivery 0 bar & 1500 RPM)

B02 = 8,7 l/min B07 = 33,7 l/min
B03 = 14,7 l/min B08 = 37,4 l/min
B04 = 19,2 l/min B10 = 47,7 l/min
B05 = 23,8 l/min B12 = 61,5 l/min
B06 = 29,7 l/min B15 = 75,0 l/min

Type of shaft

1 = keyed (SAE CC)
2 = keyed (non SAE)
3 = splined (SAE C)
4 = splined (SAE CC)

Modifications

Mounting w/connection variables

01 = 4 bolts SAE flanges
(J518c) UNC thread
M1 = 4 bolts SAE flanges
(J518c) Metric thread

Seal class

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

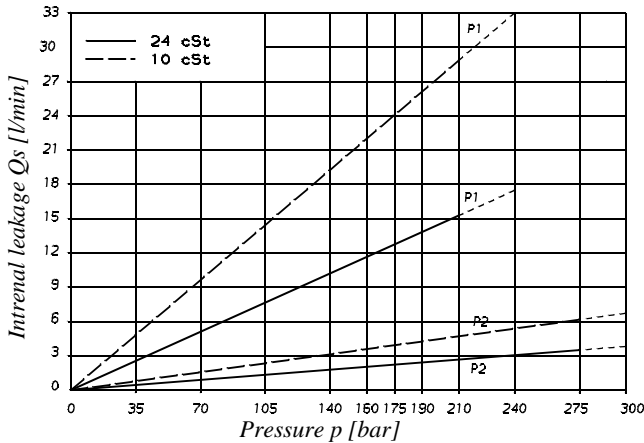
Design letter

00 = standard

Direction of rotation (view on shaft end)

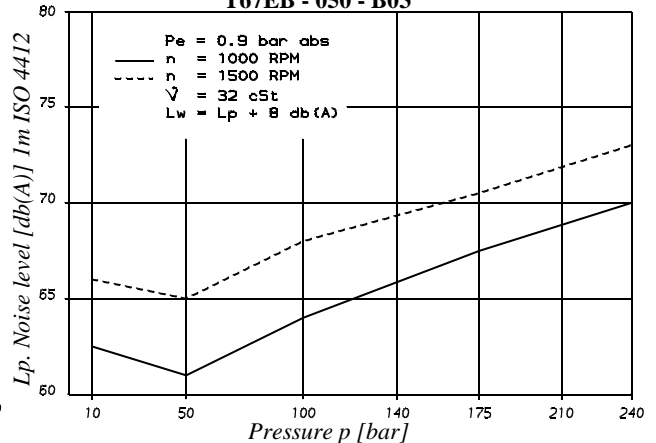
R = clockwise
L = counter-clockwise

INTERNAL LEAKAGE (TYPICAL)



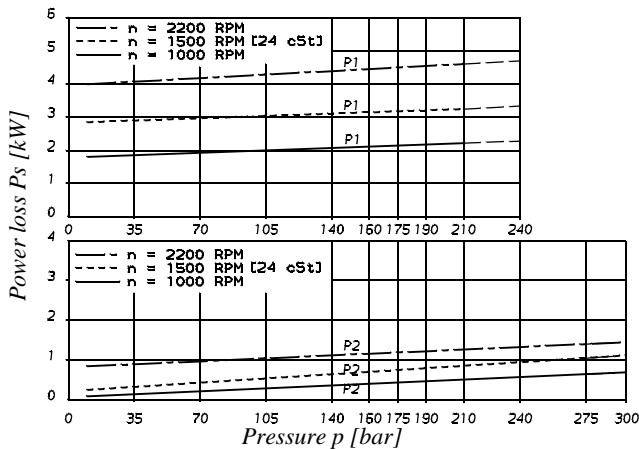
Do not operate pump more than 5 seconds at any speed or viscosity if internal leakage is higher than 50% of theoretical flow. Total leakage is the sum of each section loss at its operating conditions.

NOISE LEVEL (TYPICAL)
T67EB - 050 - B03



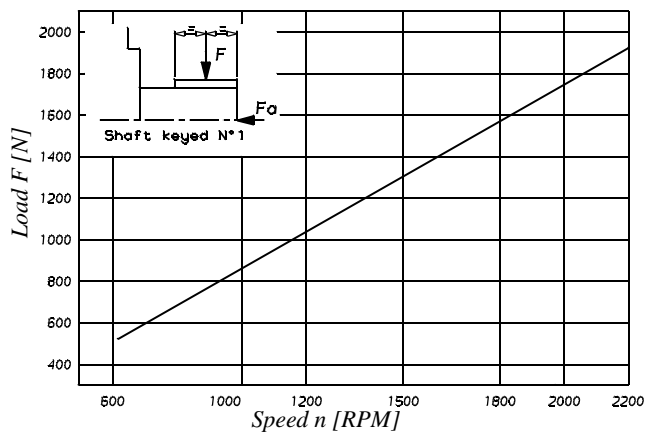
Double pump noise level is given with each section discharging at the pressure noted on the curve.

POWER LOSS HYDROMECHANICAL (TYPICAL)



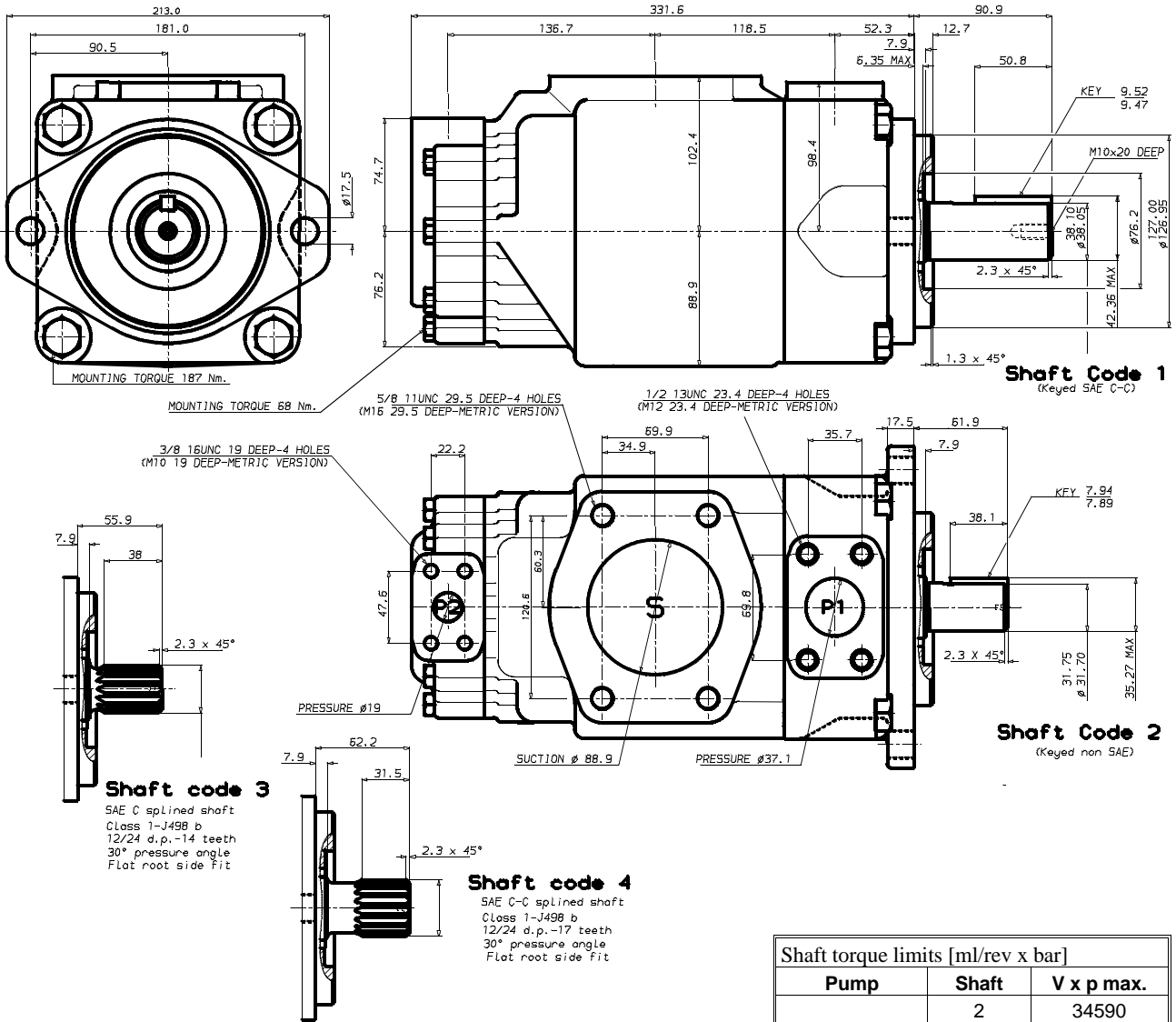
Total hydromechanical power loss is the sum of each section at its operating conditions.

PERMISSIBLE RADIAL LOAD



Maximum permissible axial load Fa = 2000 N

DIMENSIONS & OPERATING CHARACTERISTICS - Weight : 55,0 kg - T67EB SERIES



Shaft torque limits [ml/rev x bar]		
Pump	Shaft	V x p max.
T67EB	2	34590
	3	61200

OPERATING CHARACTERISTICS - TYPICAL [24 Cst]

Pressure port	Series	Volumetric displacem. 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
			p = 0 bar	p = 140 bar	p = 300 bar	p = 7 bar	p = 140 bar	p = 300 bar
P2	B02	5,8 ml/rev	8,7	7,0	5,1	0,5	2,6	5,1
	B03	9,8 ml/rev	14,7	13,0	11,1	0,6	4,0	8,1
	B04	12,8 ml/rev	19,2	17,5	15,6	0,6	5,0	10,4
	B05	15,9 ml/rev	23,9	22,2	20,2	0,7	6,1	12,7
	B06	19,8 ml/rev	29,7	28,0	26,1	0,7	7,5	15,6
	B07	22,5 ml/rev	33,7	32,0	30,2	0,8	8,5	17,6
	B08	24,9 ml/rev	37,4	35,7	33,7	0,8	9,3	19,5
	B10	31,8 ml/rev	47,7	46,0	44,1	0,9	11,7	24,6
	B12	41,0 ml/rev	61,5	59,8	57,9	1,1	14,9	31,5
	B15	50,0 ml/rev	75,0	73,3	71,6*	1,3	18,1	35,7*

* B15 = 280 bar max. int.