Model No. **T6EDCS**
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
045 = 213,6 l/min
050 = 237,7 l/min
052 = 247,2 l/min
062 = 295,0 l/min
066 = 319,9 l/min
072 = 340,6 l/min

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

Cam ring for "P3"
(Delivery at 0 bar & 1500 r.p.m.)
B03 = 16,2 l/min
B05 = 25,8 l/min
B06 = 31,9 l/min
B08 = 39,6 l/min
B10 = 51,1 l/min
B12 = 55,6 l/min
B14 = 69,0 l/min
B17 = 87,4 l/min
B20 = 95,7 l/min
B22 = 105,4 l/min
B25 = 118,9 l/min
B28 = 133,2 l/min
B31 = 150,0 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
	B50	158.0 ml/rev	237.0	227.7	224.0[1)]	4.4	57.0	85.0[1)]
P3	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*

Parker Hannifin SAS
VPDE, Denison Vane Pumps
Vierzon - France