

ORDERING CODE H6C SERIES

H6C - * - B14 - S1 - 00 - U - R

Series

M - Mobile Application

Cam ring

Volumetric displacement cm³/rev (in³/rev)

B03 = 10.8 (0.66)	B15 = 50.5 (3.08)
B05 = 17.2 (1.05)	B17 = 58.3 (3.56)
B06 = 21.3 (1.30)	B20 = 63.8 (3.89)
B08 = 26.4 (1.61)	B22 = 70.3 (4.29)
B10 = 34.1 (2.08)	B25 = 79.3 (4.84)
B12 = 37.1 (2.26)	B28 = 88.8 (5.42)
B14 = 46.0 (2.81)	B31 = 100.0 (6.10)

Type of shaft

S1 - keyed (SAE B)
S2 - keyed (no SAE)
S3 - splined (SAE B)

Shaft	Vp x p max.
S1	14473 (16500)
S2	12666 (14300)
S3	18246 (20600)

Direction of rotation (view on shaft end)





R - clockwise
L - counter-clockwise

Port Threads

U - UNC Port Connection
M - Metric Port Connection

Porting combination

00 - standard

OPERATING CHARACTERISTICS - TYPICAL (24 cST)

Pressure port	Series	Volumetric Displacement Vp		Flow q & n = 1500 rpm						Input power p & n = 1500 rpm					
		in ³ /rev	cm ³ /rev	p = 0 bar (0 psi)		p = 140 bar (2000 psi)		p = 240 bar (3500 psi)		p = 7 bar (100 psi)		p = 140 bar (2000 psi)		p = 240 bar (3500 psi)	
				gpm	lpm	gpm	lpm	gpm	lpm	hp	kw	hp	kw	hp	kw
H6C	B03	0.66	10.8	4.29	16.2	2.96	11.2	--	--	1.74	1.3	7.11	5.3	--	--
	B05	1.05	17.2	6.83	25.8	5.50	20.8	4.57	17.3	1.88	1.4	10.06	7.5	16.36	12.2
	B06	1.30	21.3	8.44	31.9	7.11	26.9	6.19	23.4	2.01	1.5	11.94	8.9	19.71	14.7
	B08	1.61	26.4	10.48	39.6	9.15	34.6	8.22	31.1	2.15	1.6	14.35	10.7	22.93	17.7
	B10	2.08	34.1	13.52	51.1	12.19	46.1	11.26	42.6	2.28	1.7	18.64	13.4	29.90	22.3
	B12	2.26	37.1	14.71	55.6	13.36	50.6	12.46	47.1	2.28	1.7	19.31	14.4	32.32	24.1
	B14	2.81	46.0	18.25	69.0	16.93	64.0	16.00	60.5	2.55	1.9	23.60	17.6	39.56	29.5
	B15	3.08	50.5	20.00	75.6	18.73	73.2	19.02	67.5	2.68	2.0	25.61	19.1	42.91	32.0
	B17	3.56	58.3	23.12	87.4	21.79	82.4	20.87	78.9	2.82	2.1	29.37	21.9	49.48	36.9
	B20	3.89	63.8	25.32	95.7	23.99	90.7	23.07	87.2	2.95	2.2	31.92	23.8	53.91	40.2
	B22	4.29	70.3	27.88	105.4	26.56	100.4	25.63	96.9	3.08	2.3	35.00	26.1	59.14	44.1
	B25 ⁽¹⁾	4.84	79.3	31.46	118.9	30.13	113.9	29.21	110.4	3.35	2.5	39.16	29.2	66.38	49.5
	B28 ⁽¹⁾	5.42	88.8	35.24	133.2	33.92	128.2	--	--	3.75	2.8	43.85	32.7	--	--
	B31 ⁽¹⁾	6.10	100.0	39.68	150.0	38.35	145.0	--	--	3.75	2.8	48.95	36.5	--	--

(1) B25-B28-B31 = 2500 RPM. max.

(2) B28-B31 = 110 bar (3000 psi) max int..

(3) B05-B22 Peak Pressure 270 bar

