

► Cam Unit - PCU-CS-15-80-(00-60)

Cam Dimensions													Cam Diagram				
W	θ	A	A1	B	B1	C	E	E1	F	F1	H	L	K1	y	X	Y	α
80	00°	280	292	145.00	157	135	110	155	165	120	69	50	180	45	32.1	38.3	50°
	05°	281.31	289.5	156.31	164.5	125	115.93	160	159.07	115	73.5		160.5	43.19	35.5	38.4	45°
	10°	277.50	281.37	167.50	171.37	110	117.84	165	157.16	110	82.6		153	45.77	38.9	38.9	40°
	15°	280.48	279.7	175.48	174.7	105	120.72	170	154.28	105	91.3		144	47.8	42.4	39.7	35°
	20°	276.16	270.57	181.16	175.57	95	124.55	175	150.45	100	99.6		136.5	49.32	46.1	40.8	30°
	25°	271.47	261.07	191.47	181.07	80	129.29	180	145.71	95	107.3		128	50.35	50	42.3	25°
	30°	264.33	249.27	199.33	184.27	65	134.92	185	140.08	90	114.5		120	50.9	54.3	44.2	20°
	35°	260.66	241.26	205.66	186.26	55	141.38	190	133.62	85	120.9		112.5	50.95	59	46.8	15°
	40°	252.32	228.34	217.32	193.34	35	147.76	195	127.24	80	126.8		105	51.6	64.3	50	10°
	45°	247.46	221.04	217.46	191.04	30	156.61	200	118.39	75	131.8		99	49.36	70.4	54.2	5°
	50°	237.8	209.12	222.8	194.12	15	165.27	205	109.73	70	136.1		93	47.51	77.8	59.6	0°
	55°	231.36	201.62	231.36	201.62	0	174.53	210	100.47	65	139.6		45	72	44.7	78.5	64.3
60°	233.95	207.53	233.95	207.53	185.89		215	89.11	60	140.7	40	79	37.43	80	69.3	0°	

Spring Force						
Slide Stroke S	Working force KN (tonf)	Total weight kg	Catalog Code	W	θ	Spring Code
32.1	166.7(17.0)	27.9	PCU-CS15	80	00°	GK ISO NGK NISO
35.5		27.5			05°	
38.9		26.9			10°	
42.4		26.5			15°	
46.1		26.0			20	
50.0		25.9			25	
54.3		25.3			30	
59.0		25.0			35	
64.3		24.7			40	
70.4		24.7			45	
77.8		24.9			50	
78.5		25.8			55	
80.0		26.2			60	

Spring type						
Spring Code	Spring specification	Spring load N (kgf)				Remarks
		θ	Preload	5mm before bottom dead center	Max. load	
GK	M150-50	—	—	—	2350(240.0)	Gas Spring
ISO	φ 32x152	0	74(7.5)	1044(106.5)	1224(124.8)	Coil Spring (Constant=19.6 N/mm)
		5		1063(108.4)		
		10		1076(109.8)		
		15		1088(110.9)		
		20		1099(112.1)		
		25		1109(113.0)		
		30		1118(114.0)		
		35		1127(114.9)		
		40		1134(115.6)		
		45		1143(116.6)		
		50		1150(117.3)		
55	1042(106.2)		1109(113.0)			
60	936(95.5)		994(101.3)			
NGK	—	—	—	—	—	Without gas Spring
NISO	—	—	—	—	—	Without gas Spring

Order Type:- CODE-SIZE(W)-θ

Example:- PCU-CS15-80-00

Alternations-	
Option Code (OC)	Specifications
NF	Nitrogen gas not charged.

Order Type:- CODE-SIZE(W)-θ-OC

Example:- PCU-CS15-80-00-NF