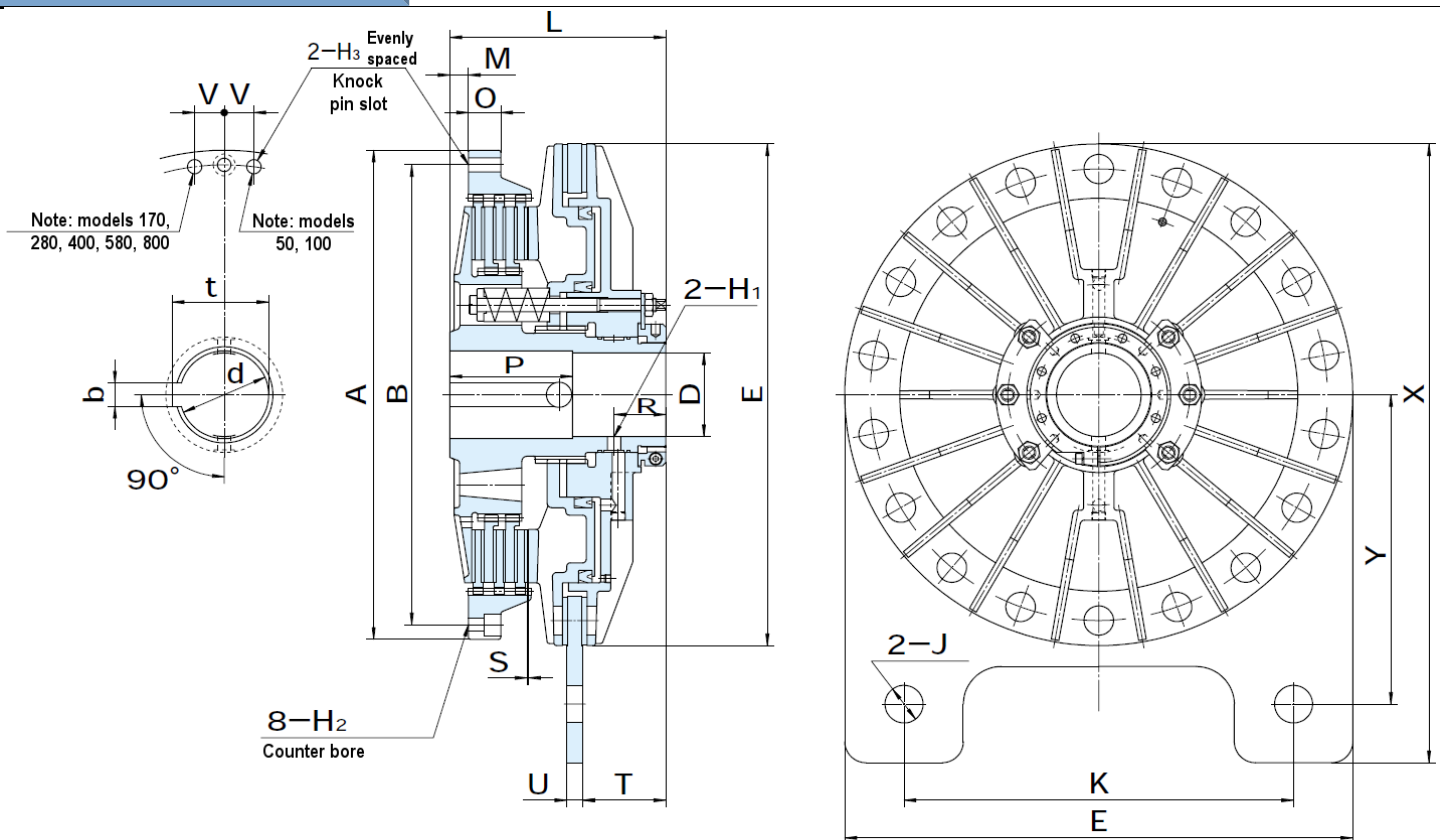


# ACSB

## Multiple Disc Pneumatic Clutch-Brake

Types: 50, 100, 170, 280, 400, 580, 800



ACSB		50	100	170	280	400	580	800
Dynamic Torque @ 0.45 MPa [ft-lb / N-m]		369 / 500	738 / 1000	1254 / 1700	2065 / 2800	2950 / 4000	4278 / 5800	5900 / 8000
Static Torque @ 0.45 MPa [ft-lb / N-m]		516 / 700	959 / 1300	1623 / 2200	2729 / 3700	3909 / 5300	5605 / 7600	7818 / 10600
Brake Dynamic Torque [ft-lb / N-m]		184 / 250	354 / 480	516 / 700	1106 / 1500	1623 / 2200	2213 / 3000	2950 / 4000
Return Pressure [MPa]		0.25	0.25	0.25	0.25	0.25	0.25	0.25
Cylinder Volume [cm <sup>3</sup> ]		110	197	260	400	600	1000	1400
Inertia J (kg·m <sup>2</sup> )	Clutch Body	0.16	0.30	0.58	1.06	2.27	6.98	9.71
	Drive Ring	0.08	0.17	0.43	0.87	1.77	3.45	6.63
Bore d <sub>H7</sub>		40	50	65	80	90	105	120
Keyway b <sub>E9</sub> × t <sup>+0.15</sup> <sub>0</sub>		10×43.5	12×53.5	18×71	20×86	24×98	28×114	32×130
Radial Dimensions	A <sub>H7</sub>	270	330	395	455	520	585	660
	B	252	305	370	430	490	550	620
	D <sub>H7</sub>	35	45	60	75	85	100	110
	E	275	335	407	465	530	600	690
	H <sub>1</sub>	7	8	10	12	16	16	20
	H <sub>2</sub>	7	9	9	11	14	16	18
	H <sub>3</sub>	9	11	11	13	15	17	19
	G × I	13×9	16.5×11	16.5×11	19.5×13.5	23×16	26×19	30×22
	J <sub>H8</sub>	20	25	30	35	40	45	50
	K	215	260	315	360	410	460	550
	V	18	20	20	25	30	35	40
Axial Dimensions	X	333	410	494	570	650	740	835
	Y	165	205	245	285	325	370	420
	L	130	145	160	188	215	255	295
	M	9.5	11	15	17	19	22	25
	O	18	20	22	27	32	38	46
	P	68	78	90	103	125	145	170
	R	34	38.5	38	47	53	61	73
	S	1.5	1.5	1.5	1.5	1.5	2	2
Mass [lb / kg]	Clutch-Brake	55 / 25	84 / 38	112 / 51	179 / 81	287 / 130	441 / 200	617 / 280
	Drive Ring	8.4 / 3.8	14 / 6.3	22 / 10	34 / 15.4	54.7 / 24.8	79 / 36	124 / 56
Applicable Rotary Joint		A S	1/2 12	3/4 16	1 20	1 1/4 30	1 1/2 30	1 3/4 30

[ 1" = 25.4mm ]