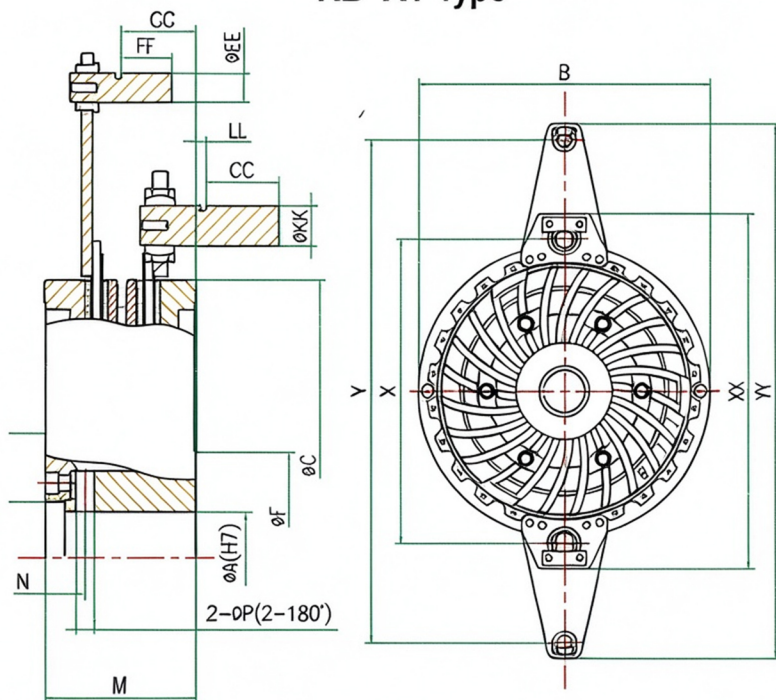
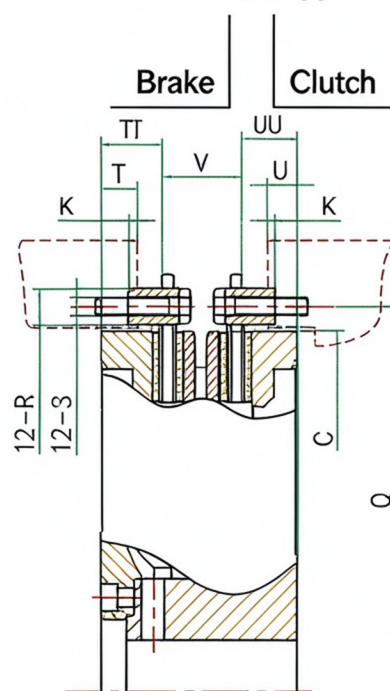


KB Series Clutches and Brakes

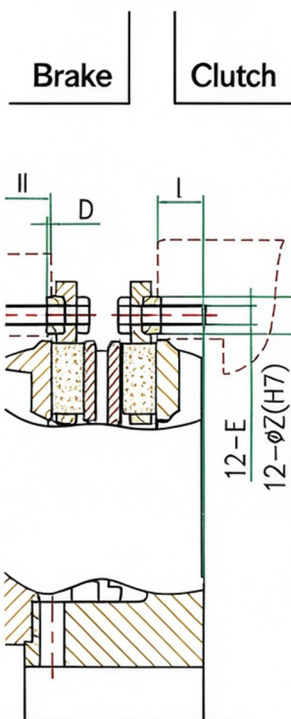
KB-XY Type



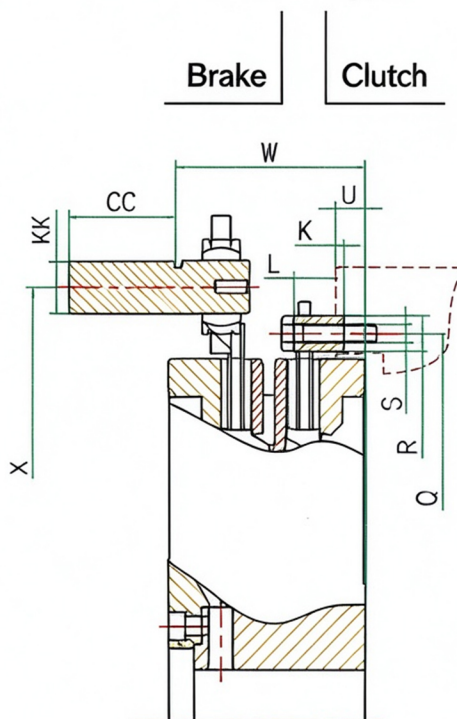
KB-QQ Type



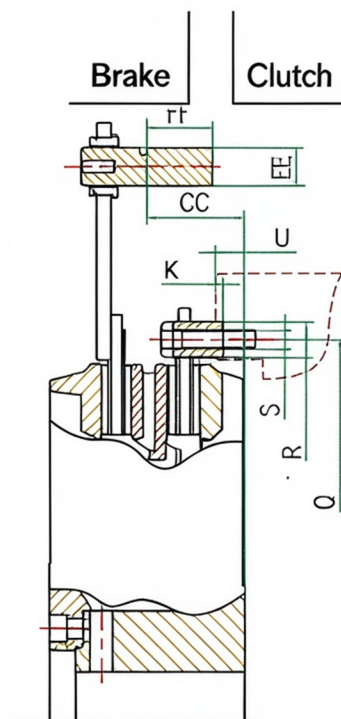
KB-XY Type



KB-QX Type



KB-QY Type



KB Series Pneumatic Clutch/Brake Technical Parameter

Position		Model	KB25	KB50	KB100	KB200	KB400	KB500	KB600	KB800	KB1200	HT1500	HT2150	HT2900
Shaft hole	ΦA max		38	45	60	80	90	100	105	120	140	160	180	200
	ΦA min		26	29	45	50	60	65	70	75	90	100	125	130
Overall dimensions of clutch	Outer diameter of brake plate ΦB		220	275	352	440	535	570	620	680	775	775	865	950
	Clutch outer diameter ΦC		188	236	304	380	465	497	543	593	675	675	755	830
	Cylinder end ΦH		85	110	136	165	182	210	215	238	266	290	330	360
	Rim end ΦF		85	104	115	150	160	190	200	210	230	295	310	360
	Clutch height M		58	66	83	100	125	140	145	155	185	223	242.5	264
Air inlet	Height N		17	19	22	27	32	36.5	36.5	42	53	65	68.5	76
	Diameter P		6	7	10	12	15	16	18	18	23	21	23	25
XY type installation dimension	Long ear (brake) Y		340	410	600	710	790	885	1020	1170	1360	1400	1450	1450
	YY		384	453	540	705	870	966	1010	1100	1247	1247	1359	1610
	FF		28	28	28	45	60	60	60	80	90	90	90	130
	GG		18	24	41	56	64	76	72	78	93	82	95.5	94
	Brake pin ΦEE		16	16	16	22	30	30	30	40	45	45	45	65
	Short ear (clutch) X		232	296	364	445	550	575	640	684	775	880	970	1100
	XX		276	349	450	565	640	673	795	794	903	1008	1110	1264
	LL		4	5	0	0	3	0	6	9	8	19	13	26.5
	CC		28	45	45	60	80	80	80	90	110	110	110	150
	Clutch pin ΦKK		16	22	22	30	40	40	40	45	55	55	55	75
QQ type installation dimension	12 hole mounting center ΦQ		205	255	325	408	500	536	584	640	725	725	810	890
	Steel sleeve diameter ΦR		10	12	15	18	25	25	25	30	35	35	41	45
	Steel sleeve height L		12	14	21	25	28	32	33	38	32	35	41	45
	12 hole screw ΦS		M5	M6	M8	M10	M14	M14	M14	M16	M20	M20	M24	M24
	T		16	17	17	19	25	26	35	33	48	29.8	33.3	107
	TT		19.9	21.7	26.3	28.8	36	39	48	47	57	106.8	112.3	121
	U		10	11	14	18	30	32	24	27	43	91.8	98.8	36
	UU		12.9	14.5	23.3	29.3	41	45	37	41	52	40.3	46.7	50.5
	V		25.2	29.8	33.4	41.9	48	56	60	67	76	76	83.4	92.5
	K		3	3	4	4	4	4	4	5	5	5	6	6
Installation dim. of block VQQ type	W		55	63	80	106	133	144	140	158	188	175	189.5	212
	D		/	/	1.5	2	2	2	2	2.5	3	3	6	6
	I		/	/	18.5	23.5	34	37	29	31.5	42	42	33.3	36
	II		/	/	21.5	22.5	29	31	40	37.5	47	47	98.8	107
	Bottom diameter ΦZ		/	/	15	18	25	25	25	30	35	35	41	45
	12 hole screw E		/	/	M8	M10	M14	M14	M14	M16	M20	M20	M24	M24
Performance	Max Speed (rpm)		2500	2300	1700	1400	1150	1100	950	900	800	850	750	700
	Weight (kg)		8.5	14	29	53	100	140	160	207	320	325	425	500
	Inertia Wr2 body (kgm²)		0.019	0.056	0.185	0.535	1.52	2.11	3.215	5.08	8.85	8.8	15.5	24.8
	Inertia Wr2 Plate (kgm²)		0.008	0.025	0.062	0.211	0.565	0.835	1.185	1.185	3.745	3.04	5.8	9.5
	Cylinder capacity (new) (dm³)		0.07	0.15	0.24	0.4	0.6	0.7	0.9	1.3	1.8	2.18	2.9	3.95
	Cylinder capacity (wear) (dm³)		0.11	0.24	0.285	0.64	0.96	1.12	1.44	2.08	2.88	3.488	4.64	5.78
	Volume of air storage tank (L)		1.8-3	3.8-6	6-9.6	10-16	15-24	18-28	23-36	33-52	45-72	55-88	72-116	/