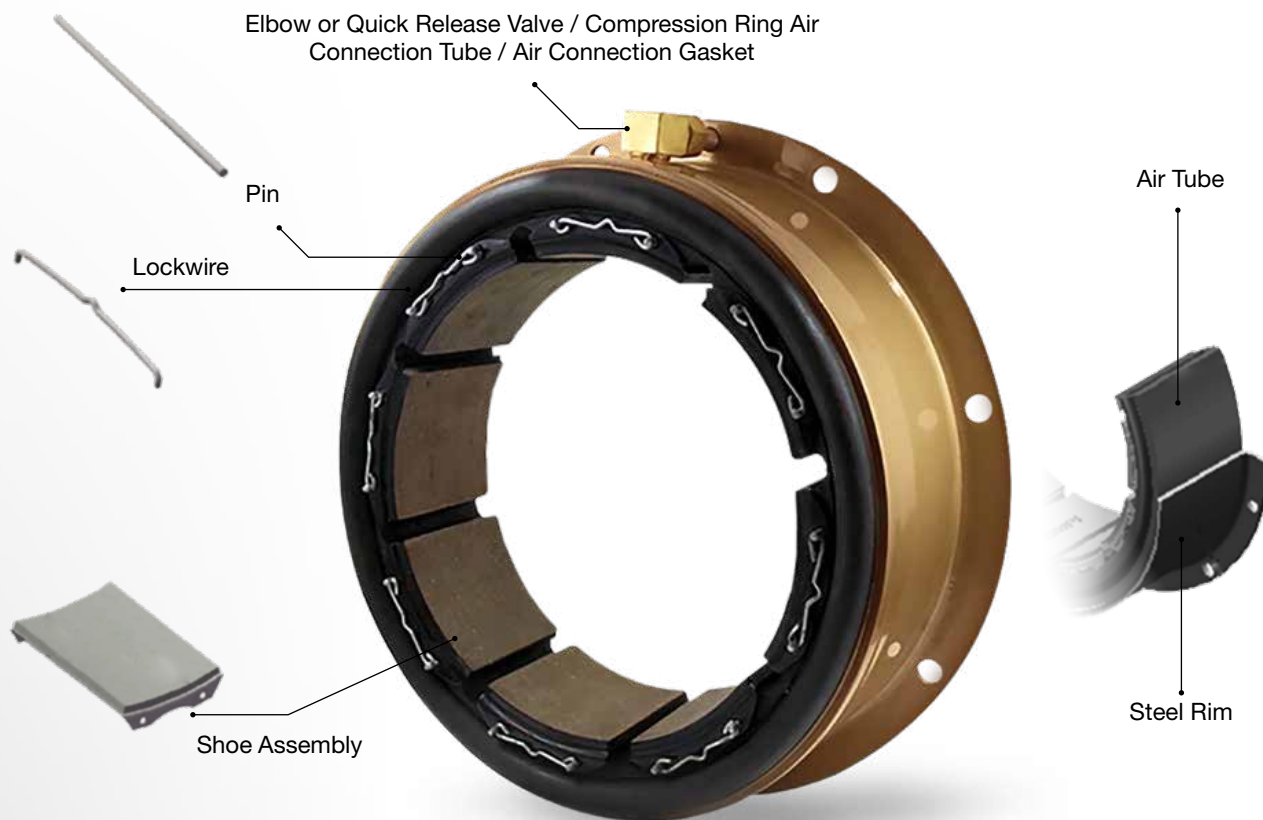


Serie/*Series*
CB



Frizione radiale con comando pneumatico
Radial Clutch With Pneumatic Control





Caratteristiche principali

La serie CB è composta da innesti con tubo di collegamento radiale. È progettato per ottenere elevate prestazioni nei settori Marine, Offshore, Oil & Gas, ecc.... Questi prodotti sono intercambiabili al 100% con quelli disponibili sul mercato.

Appositamente progettata e costruita per fornire un servizio affidabile di frizione o freno nell'industria più esigente, la serie CB è adatta per operazioni cicliche ad alta velocità.

Dove viene utilizzata la serie CB:

- Fabbricazione di macchinari
- Attrezzature per lavanderie commerciali
- Macchine per la formatura dei metalli
- Macchinari per giacimenti petroliferi
- Macchine da stampa
- Macchine per la lavorazione della gomma
- Macchine per la produzione di pneumatici
- Macchine per la lavorazione della gomma

Main features

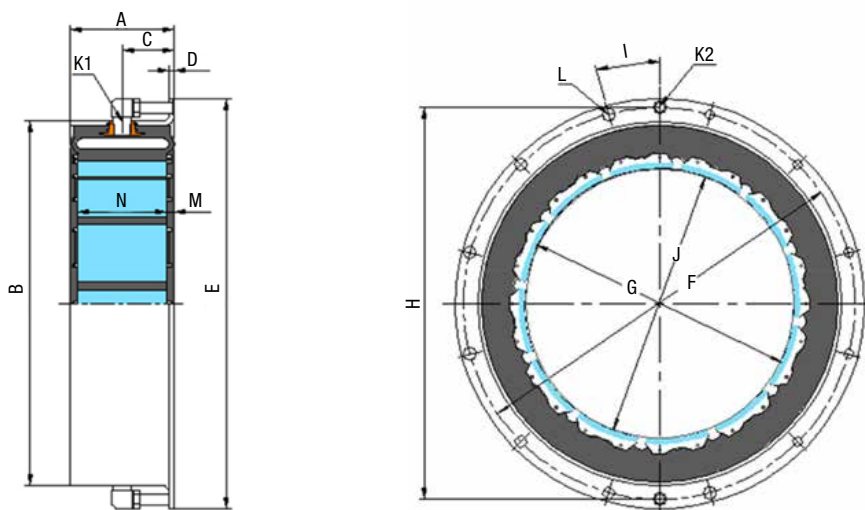
The CB series consists of clutches with a radial connection tube. It is designed to achieve high performance in the Marine, Offshore, Oil & Gas, etc. sectors...

These products are 100% interchangeable with those available on the market.

Specially designed and built to provide dependable clutch or brake service in the most exacting industry, the CB series is suited to high speed and cycle operation.

Where CB series is used:

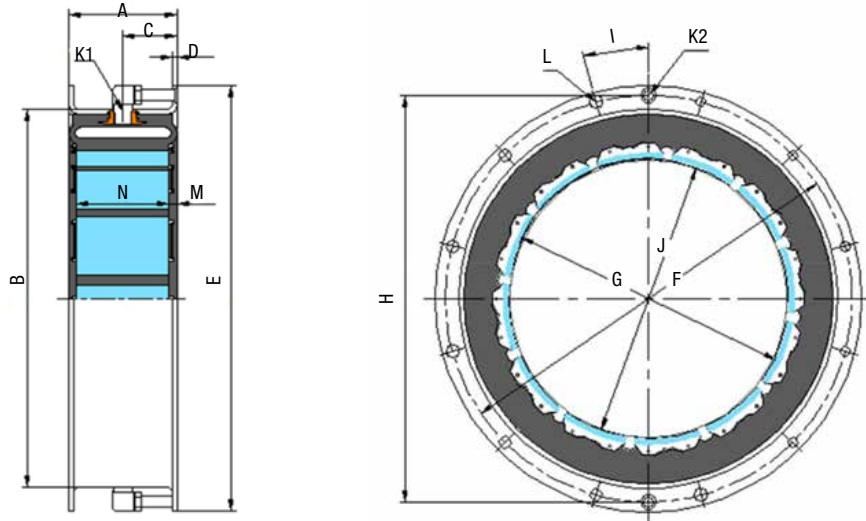
- Making Machinery
- Commercial Laundry Equipment
- Metal Forming Machinery
- Oil Field Machinery
- Printing Machinery
- Rubber Processing Machinery
- Tire Building Machinery
- Rubber Processing Machinery



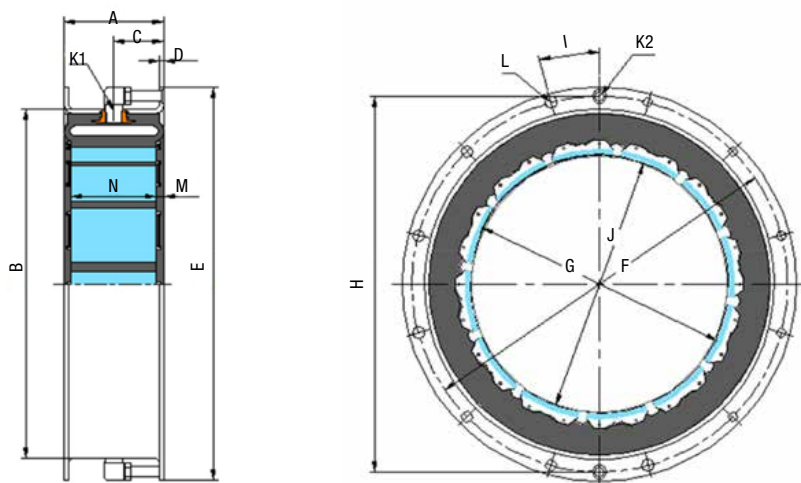
Tipo / Type		(Unit)	3CB150	4CB200	5CB200	6CB200	8CB250	10CB300	12CB350	14CB400
A	in		2.16	2.63	2.85	2.94	3.44	4.13	4.72	5.22
	mm		55	67	72	75	87	105	120	133
B	in		4.86	5.81	7.2	9.06	11.19	13.63	15.88	17.88
	mm		123	148	183	230	284	346	403	454
C	in		1.18	1.38	1.5	1.56	1.91	2	2	2
	mm		30	35	38	40	48	51	51	51
D	in		0.1	0.09	0.1	0.09	0.09	2	2	2
	mm		2	2	2	2	2	5	5	5
ØE	in		6.299	7.248	8.819	10.752	12.875	15.373	17.625	19.625
	mm		160	184.1	224	273.1	327	390.5	447.7	498.5
ØF	in		5.748	6.688	8.071	10	12.125	14.625	16.875	18.875
	mm		146	169.9	205	254	308	371.5	428.6	479.4
ØG	in		3.15	4.13	5.16	6.16	8.16	10.13	12.13	14.13
	mm		80	105	131	156	207	257	308	359
ØH	in		5.75	6.69	8.07	10	12.13	14.63	16.88	18.88
	mm		146	170	205	254	308	371	429	479
I	deg.		22.5	22.5	22.5	22.5	22.5	15	12.857	11.25
ØJ(Min.)	in		2.9	3.9	4.9	5.9	7.9	9.9	11.9	13.9
	mm		74	99	124	150	201	251	302	353
K1	Dia.	NPT	1/8-27	1/8-27	1/8-27	3/8-18	3/8-18	3/8-18	3/8-18	3/8-18
	Qty.	N°	2	2	2	2	2	2	2	2
K2	in		0.28	0.19	0.29	0.31	0.31	0.31	0.31	0.31
	mm		7	5	7	8	8	8	8	8
L	Dia.	in	0.25	0.25	0.31	0.38	0.38	0.38	0.38	0.38
	mm		6	6	8	10	10	10	10	10
	Qty.	N°	8	8	8	8	8	12	14	16
M	in		0.35	0.38	0.48	0.56	0.56	0.69	0.69	0.69
	mm		9	10	12	14	14	17	17	17
N	in		1.5	2	2	2	2.5	3	3.5	4
	mm		38	51	51	51	64	76	89	102
Max. Speed	rpm		2000	2000	2000	1800	1800	1800	1800	1800
Centrifuge Loss	psi/rpm²		1.50E-06	1.70E-06	2.0E-06	6.0E-06	7.0E-06	10.0E-06	12.0E-06	15.0E-06
	bar/rpm²		0.10E-06	0.12E-06	0.14E-06	0.41E-06	0.48E-06	0.69E-06	0.83E-06	1.04E-06
Air Tube Cavity	in³		7	10	17	19	30	50	80	70
	dm³		0.12	0.17	0.28	0.32	0.49	0.82	1.31	1.15
Lining Thickness	New	in	0.2	0.12	0.2	0.14	0.12	0.2	0.2	0.2
		mm	5	3	5	4	3	5	5	5
	Worn	in	0.04	0.04	0.04	0.06	0.06	0.06	0.06	0.06
		mm	1	1	1	2	2	2	2	2
Weight	lb		1.8	2.5	3.5	7	9	19	26	31
	kg		0.8	1.1	1.6	3.2	4.1	8.6	12	14
Inertia	lbft²		0.1	0.2	0.4	1	2	6	11	17
	kgm²		0.01	0.01	0.02	0.04	0.08	0.25	0.46	0.71
Rated Torque at 5.2 bar	lb in		360	1000	1460	2040	4290	8150	13300	19700
	Nm		40.7	113	165	231	485	921	1500	2230

CB Singolo - Flangia doppia, dimensioni da 12 a 24
Single CB - Dual Flange, size from 12 to 24

CB



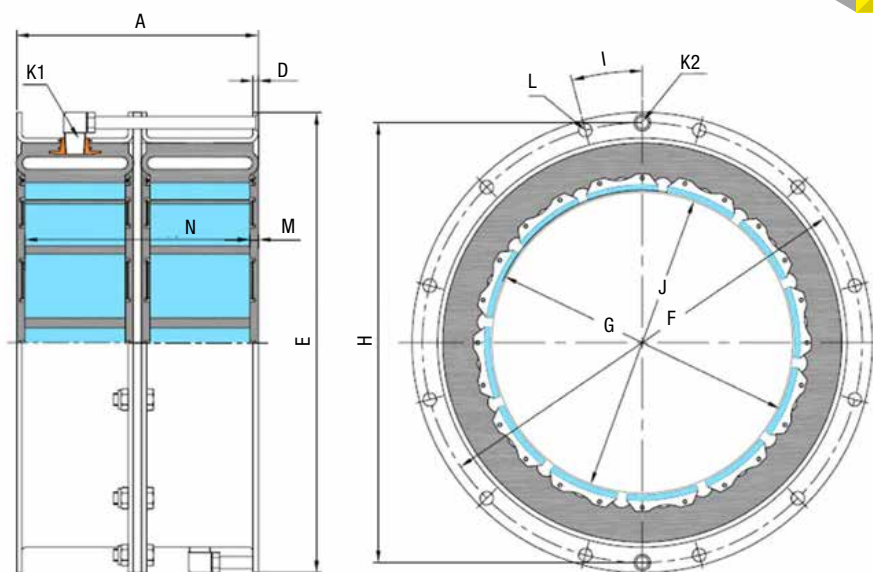
Tipo / Type		(Unit)	12CB350	14CB400	16CB500	18CB500	20CB500	22CB500	24CB500
A	in		4.88	5.38	6.63	6.63	6.63	6.63	6.63
	mm		124	137	168	168	168	168	168
B	in		15.88	17.88	20.75	22.75	24.75	26.75	28.75
	mm		403	454	527	578	629	679	730
C	in		2	2	2.5	2.5	2.5	2.5	2.5
	mm		51	51	64	64	64	64	64
D	in		0.19	0.19	0.19	0.19	0.19	0.19	0.19
	mm		5	5	5	5	5	5	5
ØE	in		17.625	19.625	23.5	25.5	27.5	29.5	31.5
	mm		447.7	498.5	596.9	647.7	698.5	749.3	800.1
ØF	in		16.875	18.875	22.5	24.375	26.375	28.375	30.375
	mm		428.6	479.4	571.5	619.1	669.9	720.7	771.5
ØG	in		12.13	14.13	16.19	18.19	20.19	22.19	24.19
	mm		308	359	411	462	513	564	614
ØH	in		16.88	18.88	22.25	24.38	26.38	28.38	30.38
	mm		429	479	565	619	670	721	772
I	deg.		12.857	11.25	22.5	15	15	15	11.25
ØJ(Min.)	in		11.9	13.9	15.87	17.87	19.87	21.87	23.87
	mm		302	353	403	454	505	555	606
K1	Dia.	NPT	3/8-18	3/8-18	3/8-18	3/8-18	3/8-18	3/8-18	3/8-18
	Qty.	n°	2	2	2	2	2	2	2
K2	in		0.31	0.31	0.38	0.38	0.38	0.38	0.38
	mm		8	8	10	10	10	10	10
L	in		0.375	0.375	0.5	0.5	0.5	0.5	0.5
	mm		10	10	13	13	13	13	16
	Qty.	n°	14	16	8	12	12	12	16
M	in		0.69	0.69	0.81	0.81	0.81	0.81	0.81
	mm		17	17	21	21	21	21	21
N	Width	in	3.5	4	5	5	5	5	5
	mm		89	102	127	127	127	127	127
	Qty.	N°	12	14	10	11	12	13	14
Max. Speed	rpm		1800	1800	1550	1400	1300	1250	1200
Centrifuge Loss	psi/rpm²		12E-06	15E-06	20E-06	23E-06	25E-06	28E-06	30E-06
	bar/rpm²		0.83E-06	1.04E-06	1.38E-06	1.59E-06	1.73E-06	1.93E-06	2.07E-06
Air Tube Cavity	in³		80	70	140	160	170	190	200
	dm³		1.31	1.15	2.3	2.62	2.79	3.12	3.28
Lining Thickness	New	in	0.2	0.2	0.26	0.26	0.26	0.26	0.26
		mm	5	5	7	7	7	7	7
	Worn	in	0.06	0.06	0.06	0.06	0.06	0.06	0.06
		mm	2	2	2	2	2	2	2
Weight	lb		30	35	74	81	88	95	102
	kg		14	16	34	37	40	43	46
Inertia	lbft²		12	21	52	70	90	114	142
	kgm²		0.5	0.88	2.18	2.94	3.78	4.79	5.96
Rated Torque at 5.2 bar	lb in		13300	19700	35200	4400	53600	62300	75000
	Nm		1500	2230	3980	4970	6060	7040	8480



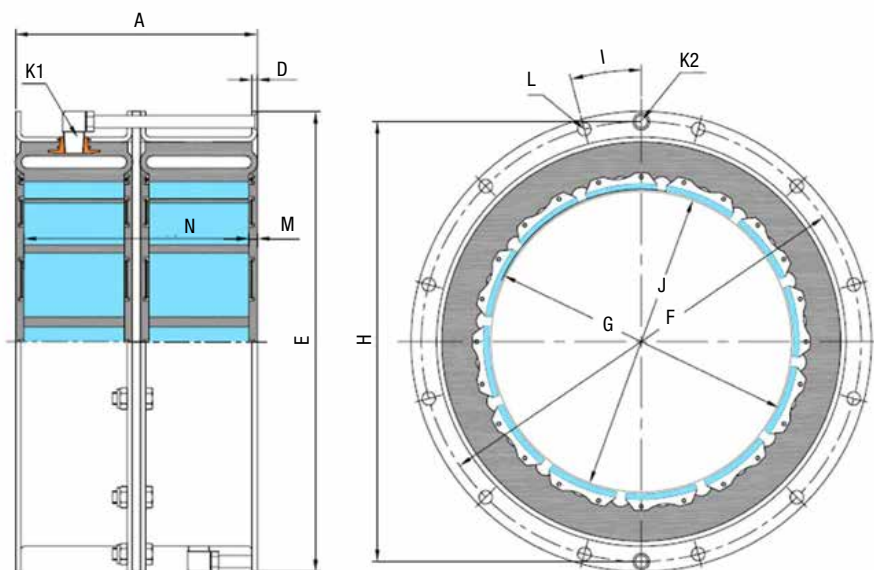
Tipo / Type		(Unit)	26CB525	28CB525	30CB525	32CB525	36CB525	40CB525	45CB525
A		in	6.94	6.94	6.94	6.94	6.94	6.94	6.94
		mm	176	176	176	176	176	176	176
B		in	31	33	35	37	41.56	45.56	50.69
		mm	787	838	889	940	1056	1157	1287
C		in	2.5	2.5	2.5	2.5	2.75	2.75	2.75
		mm	64	64	64	64	70	70	70
D		in	0.25	0.25	0.25	0.25	0.28	0.28	0.28
		mm	6	6	6	6	7	7	7
ØE		in	34	36	38	40	44.625	48.625	53.625
		mm	863.6	914.4	965.2	1016	1133.5	1235.1	1362.1
ØF		in	32.75	34.75	36.75	38.75	43.125	47.125	52.125
		mm	831.9	882.7	933.5	984.3	1095.4	1197	1324
ØG		in	26.19	28.19	30.19	32.19	36.19	40.19	45.19
		mm	665	716	767	818	919	1021	1148
ØH		in	32.5	34.5	36.5	38.5	43.25	47.25	52.25
		mm	826	876	927	978	1099	1200	1327
I		deg.	11.25	11.25	11.25	10/5	10/5	9	7.5
ØJ(Min.)		in	25.81	27.81	29.81	31.81	35.81	39.81	44.75
		mm	656	706	757	808	910	1011	1137
K1	Dia.	NPT	1/2-14	1/2-14	1/2-14	1/2-14	3/4-14	3/4-14	3/4-14
	Qty.	n°	2	2	2	1/2/4	1/2/4	2	2
K2		in	0.5	0.5	0.5	0.5	0.63	0.63	0.63
		mm	13	13	13	13	16	16	16
L	Dia.	in	0.625	0.625	0.625	0.625	0.75	0.75	0.75
		mm	16	16	16	16	19	19	19
	Qty.	n°	16	16	16	18	18	20	24
M		in	0.84	0.84	0.84	0.84	0.84	0.84	0.84
		mm	21	21	21	21	21	21	21
N	Width	in	5.25	5.25	5.25	5.25	5.25	5.25	5.25
		mm	133	133	133	133	133	133	133
	Qty.	n°	16	17	18	19	22	24	27
Max. Speed		rpm	1050	1000	950	900	800	750	670
Centrifuge Loss		psi/rpm²	34E-06	37E-06	40E-06	43E-06	48E-06	52E-06	64E-06
		bar/rpm²	2.35E-06	2.55E-06	2.776E-06	2.97E-06	3.31E-06	3.59E-06	4.42E-06
Air Tube Cavity		in³	260	280	290	310	350	380	430
		dm³	4.26	4.59	4.76	5.08	5.74	6.23	7.05
Lining Thickness	New	in	0.33	0.33	0.33	0.33	0.33	0.33	0.33
		mm	8	8	8	8	8	8	8
	Worn	in	0.06	0.06	0.06	0.06	0.06	0.06	0.06
		mm	2	2	2	2	2	2	2
Weight		lb	133	140	148	157	178	201	610
		kg	60	63	67	71	81	91	119
Inertia		lbft²	210	252	303	359	510	730	1115
		kgm²	8.82	10.58	12.73	15.08	21.42	30.66	46.83
Rated Torque at 5.2 bar		lb in	92400	106000	121000	137000	172000	211000	260000
		Nm	10400	12000	13700	15500	19400	23800	29400

CB doppio - Flangia doppia, dimensioni da 12 a 24
Dual CB - Dual Flange, size from 12 to 24

CB

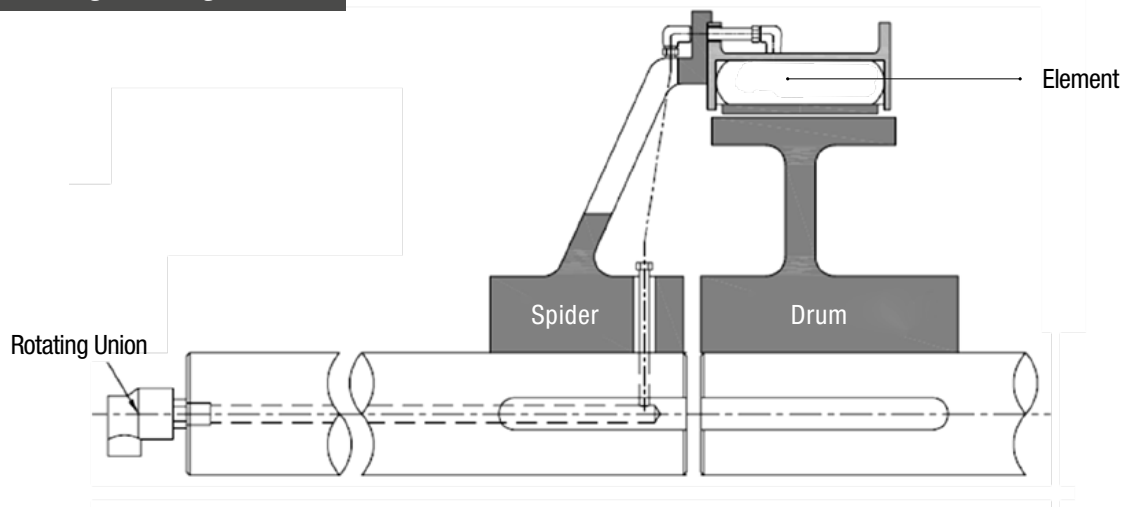


Tipo / Type	(Unit)	12CB350	14CB400	16CB500	18CB500	20CB500	22CB500	24CB500
A	in mm	10.13 257	11.13 283	13.63 346	13.63 346	13.63 346	13.63 346	13.63 346
D	in mm	0.19 5	0.19 5	0.19 5	0.19 5	0.19 5	0.19 5	0.19 5
ØE	in mm	17.625 447.7	19.625 498.5	23.5 596.9	25.5 647.7	27.5 698.5	29.5 749.3	31.5 800.1
ØF	in mm	16.875 428.6	18.875 479.4	22.5 571.5	24.375 619.1	26.375 669.9	28.375 720.7	30.375 771.5
ØG	in mm	12.13 308	14.13 359	16.19 411	18.19 462	20.19 513	22.19 564	24.19 614
ØH	in mm	16.88 429	18.88 479	22.25 565	24.38 619	26.38 670	28.38 721	30.38 772
I	deg	12.857	11.25	22.5	15	15	15	11.25
ØJ(Min.)	in mm	11.9 302	13.9 353	15.87 403	17.87 454	19.87 505	21.87 555	23.87 606
K1	Dia.	NPT	3/8-18	3/8-18	3/8-18	3/8-18	3/8-18	3/8-18
	Qty.	N	2	2	2/4	2/4	2/4	2/4
K2	in mm	0.31 8	0.31 8	0.38 10	0.38 10	0.38 10	0.38 10	0.38 10
L	Dia.	in mm	0.375 10	0.375 10	0.5 13	0.5 13	0.5 13	0.5 16
	Qty.	n°	14	16	8	12	12	16
M	in mm	0.69 17	0.69 17	0.81 21	0.81 21	0.81 21	0.81 21	0.81 21
N	Width	in mm	8.75 222	9.75 248	12 305	12 305	12 305	12 305
	Qty.	n°	24	28	20	22	24	26
Max. Speed	rpm	1800	1800	1550	1400	1300	1250	1200
Centrifuge Loss	psi/rpm ²	12E-06	15E-06	20E-06	23E-06	25E-06	28E-06	30E-06
	bar/rpm ²	0.83E-06	1.04E-06	1.38E-06	1.59E-06	1.73E-06	1.93E-06	2.07E-06
Air Tube Cavity	in ³	160	140	280	320	340	380	400
	dm ³	2.62	2.3	4.59	5.25	5.58	6.23	6.56
Lining Thickness	New	in mm	0.2 5	0.2 5	0.26 7	0.26 7	0.26 7	0.26 7
	Worn	in mm	0.06 2	0.06 2	0.06 2	0.06 2	0.06 2	0.06 2
Weight	lb	62	75	151	166	180	194	209
	kg	28	34	68	75	82	88	96
Inertia	lbft ²	25	42	106	144	185	233	292
	kgm ²	1.05	1.76	4.45	6.05	7.77	9.79	12.26
Rated Torque at 5.2 bar	lb in	26600	39400	70400	88000	107200	124600	150000
	Nm	3010	4450	7960	9940	12100	14100	17000

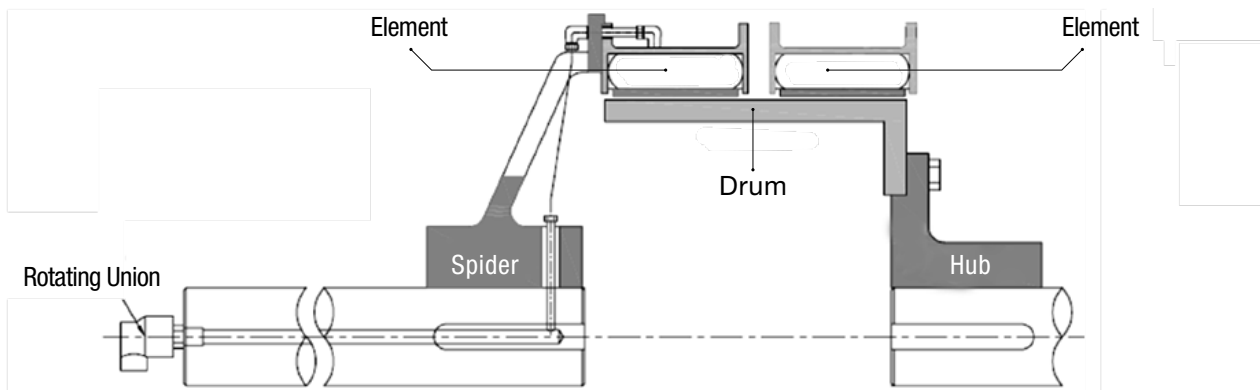


Tipo / Type	(Unit)	26CB525	28CB525	30CB525	32CB525	36CB525	40CB525	45CB525
A	in	14.25	14.44	14.44	14.44	14.44	14.44	14.44
	mm	362	367	367	367	367	367	367
D	in	0.25	0.25	0.25	0.25	0.28	0.28	0.28
	mm	6	6	6	6	7	7	7
ØE	in	34	36	38	40	44.625	48.625	53.625
	mm	863.6	914.4	965.2	1016	1133.5	1235.1	1362.1
ØF	in	32.75	34.75	36.75	38.75	43.125	47.125	52.125
	mm	831.9	882.7	933.5	984.3	1095.4	1197	1324
ØG	in	26.19	28.19	30.19	32.19	36.19	40.19	45.19
	mm	665	716	767	818	919	1021	1148
ØH	in	32.5	34.5	36.5	38.5	43.25	47.25	52.25
	mm	826	876	927	978	1099	1200	1327
I	deg	11.25	11.25	11.25	10/5	10/5	9	7.5
ØJ(Min.)	in	25.81	27.81	29.81	31.81	35.81	39.81	44.75
	mm	656	706	757	808	910	1011	1137
K1	Dia.	NPT	1/2-14	1/2-14	1/2-14	3/4-14	3/4-14	3/4-14
	Qty.	N	2/4	2/4	2/4	2/4	2/4	2/4
K2	in	0.5	0.5	0.5	0.5	0.63	0.63	0.63
	mm	13	13	13	13	16	16	16
L	in	0.625	0.625	0.625	0.625	0.75	0.75	0.75
	mm	16	16	16	16	19	19	19
	Qty.	n°	16	16	18	18	20	24
M	in	0.84	0.84	0.84	0.84	0.84	0.84	0.84
	mm	21	21	21	21	21	21	21
N	in	12.56	12.69	12.69	12.69	12.69	12.69	12.69
	mm	319	322	322	322	322	322	322
	Qty.	n°	32	34	36	44	48	54
Max. Speed	rpm	1050	1000	950	900	800	750	670
Centrifuge Loss	psi/rpm²	34E-06	37E-06	40E-06	43E-06	48E-06	52E-06	64E-06
	bar/rpm²	2.35E-06	2.55E-06	2.776E-06	2.97E-06	3.31E-06	3.59E-06	4.42E-06
Air Tube Cavity	in³	520	560	580	620	700	760	860
	dm³	8.53	9.18	9.51	10.2	11.5	12.5	14.1
Lining Thickness	New	in	0.33	0.33	0.33	0.33	0.33	0.33
		mm	8	8	8	8	8	8
	Worn	in	0.06	0.06	0.06	0.06	0.06	0.06
		mm	2	2	2	2	2	2
Weight	lb	272	286	302	321	366	413	537
	kg	123	130	137	145	166	187	243
Inertia	lbft²	432	517	621	736	1052	1502	2293
	kgm²	18.14	21.71	26.08	30.91	44.18	63.08	96.31
Rated Torque at 5.2 bar	lb in	184800	212000	242000	274000	344000	422000	520000
	Nm	20900	24000	27300	31000	38900	47700	58800

Frizione singola / Single Clutch



Frizione doppia / Dual Clutch



Freno / Brake

