

RECOMMENDED SPEED VS. BALANCE SPECIFICATION OF AIR CLUTCHES

CLUTCH SIZE	STANDARD MODEL CW, CK, CR UNITS	
	MAXIMUM RPM WITH STATIC BALANCE	MAXIMUM RPM WITH DYNAMIC BALANCE
8.5	1200	3000
10	1200	2800
12	1000	2500
14	1000	2400
16	800	2200
18	800	2000
20	750	1800
22	600	1500
25	600	1200
28	500	1000
32	400	800
36	300	600
CLUTCH SIZE	STANDARD MODEL IM AND PM UNITS	
8.5	800	3000
10	800	2800
12	750	2500
14	700	2400
16	600	2200
18	600	2000
20	400	1800

NOTES:

1. All CARLSON CO. clutch and brake assemblies are furnished statically balanced. For operating above shown static balance Rpm, dynamic balancing is recommended. See price sheet for additional charges.
2. If clutch or brake unit is greater than 5% of total system weight, then dynamic balance is also recommended.
3. Clutches or brakes installed in applications requiring balanced condition must have pressure plate of assembly concentric with shaft center line.