

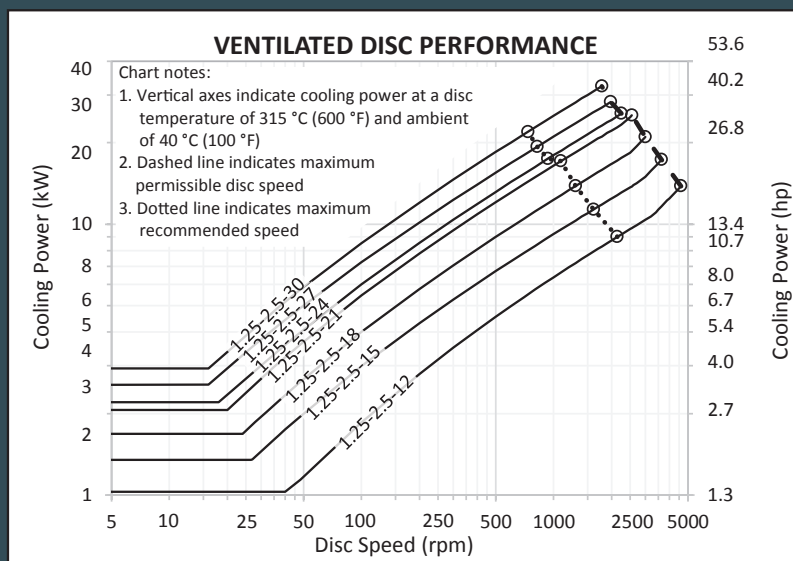
VENTILATED BRAKE DISCS | 1¼" x 2½" SERIES

KEY FEATURES

- Ideal for tensioning & controlled braking applications.
- Intended for use with the 5020 caliper brake.
- Seven sizes available.
- Supplied standard with rough stock bore. Custom mounting details available.
- Available in bronze.
- Available with balancing.

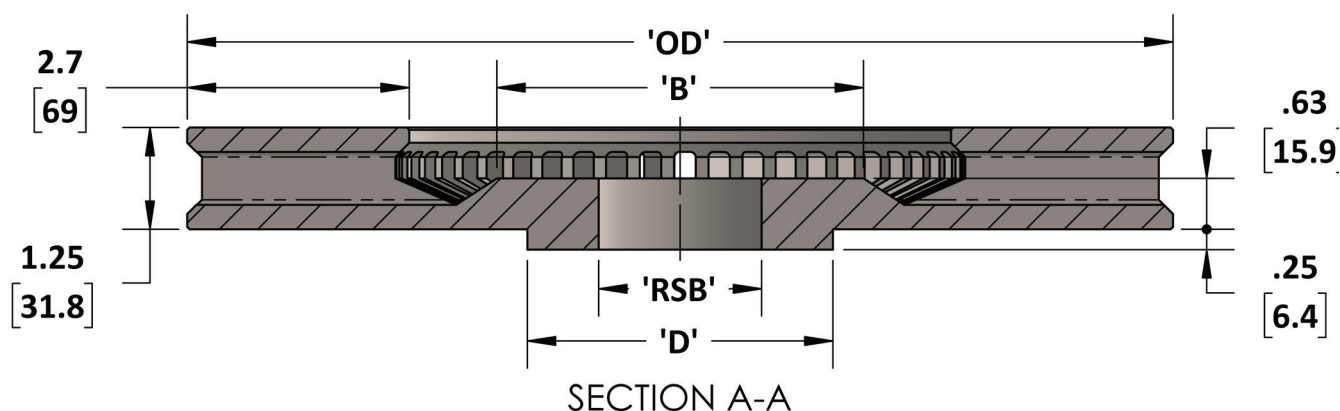
SPECIFICATIONS

DISC PART NO.	HEAT SINKING CAPACITY	
	(J/K)	(hp-sec/F)
1.25-2.5-12	3810	2.84
1.25-2.5-15	5043	3.76
1.25-2.5-18	6522	4.86
1.25-2.5-21	7957	5.92
1.25-2.5-24	8540	6.36
1.25-2.5-27	8921	6.64
1.25-2.5-30	10893	8.12



Note: Values in this chart are based on test data and empirical analysis. Appropriate derating factors must be included for cases of obstructed air flow such as covers and guards, as well as appropriate margins of safety to account for other uncertainties.

SPECIFICATIONS



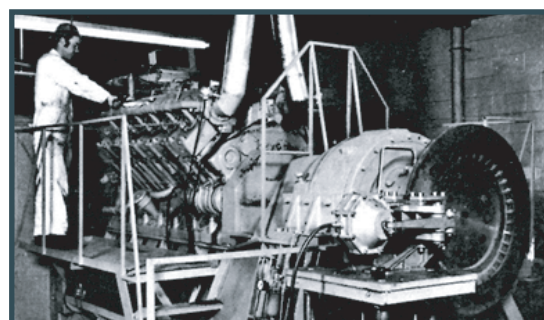
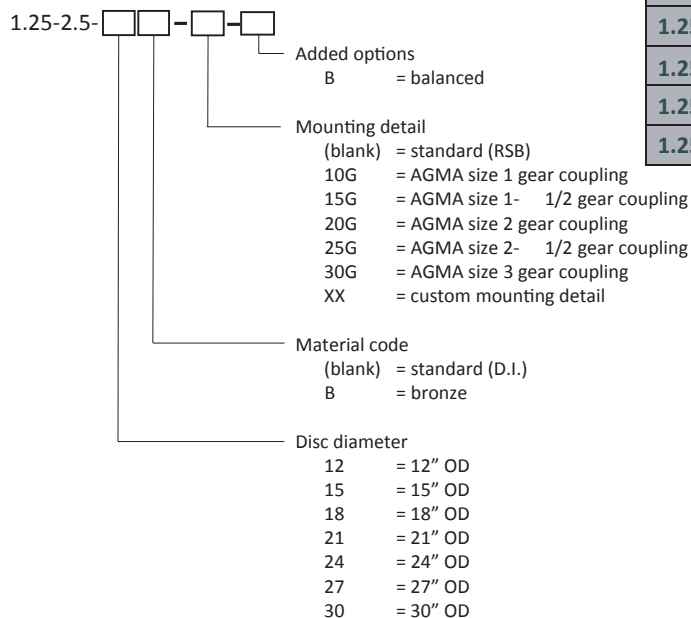
PART NO.	OD in [mm]	DIA 'B' in [mm]	RSB in [mm]	DIA 'D' in [mm]	MAX SPEED	INERTIA lbs-ft ² [kg-m ²]	WEIGHT lbs [kg]
1.25-2.5-12	12.10 [307]	5.4 [137]	2.00 [50.8]	3.75 [95.3]	4600 rpm	3.0 [.13]	22.0 [10.0]
1.25-2.5-15	15.15 [385]	7.5 [191]	2.50 [63.5]	5.00 [127.0]	3650 rpm	6.7 [.28]	31.4 [14.2]
1.25-2.5-18	18.25 [464]	11 [279]	3.00 [76.2]	6.00 [152.4]	3000 rpm	14 [.59]	45.5 [20.7]
1.25-2.5-21	21.13 [537]	13.4 [340]	3.50 [88.9]	9.00 [228.6]	2550 rpm	25 [1.0]	62.2 [28.2]
1.25-2.5-24	24.13 [613]	16.3 [415]	4.00 [102]	8.00 [203.2]	2250 rpm	40 [1.7]	75.1 [34.1]
1.25-2.5-27	27.13 [689]	19.5 [496]	4.00 [102]	12.00 [304.8]	1980 rpm	59 [2.5]	94.9 [43.0]
1.25-2.5-30	30.13 [765]	22.8 [579]	4.50 [114]	10.00 [254.0]	1780 rpm	95 [4.0]	118 [53.6]

Maximum Temperature: 700°F [371°C]

COUPLING FIT TABLE

PART NO.	101G	1015G	1020G	1025G	1030G	1035G	1040G	1045G	1050G	1055G	1060G	1070G
1.25-2.5-12	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
1.25-2.5-15	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
1.25-2.5-18	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗
1.25-2.5-21	✗	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗
1.25-2.5-24	✗	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗
1.25-2.5-27	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
1.25-2.5-30	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Ventilated Disc Model Code Key



Kobelt founder conducting dynamometer testing.