

5026-CM | COMBINATION CALIPER DISC BRAKE

KEY BENEFITS

Bronze & stainless steel construction

Easily changed brake pads

Well matched to Kobelt's standard range of 4" x 7" ventilated discs

Putting you in control.

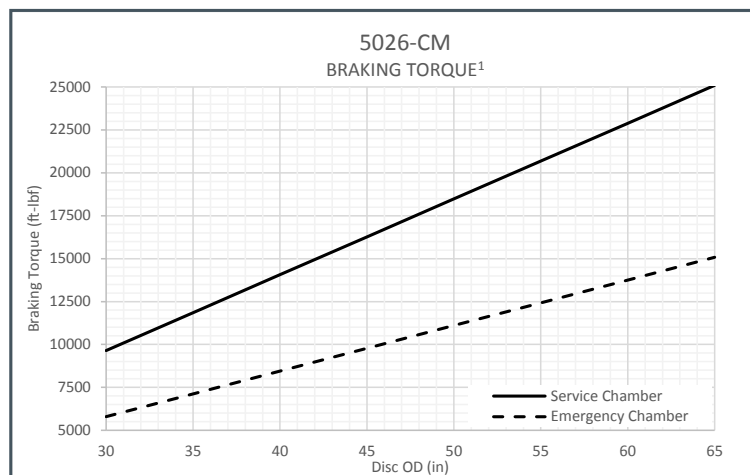
The 'CM' style disc brake offers the benefit of having both service and parking brake duty in a single, compact package. The service chamber uses a diaphragm for accurate braking control. Constructed primarily of bronze and stainless steel, Kobelt's 'CM' disc brakes are built to last in the harshest conditions. These caliper disc brakes are well suited for service braking applications on drawworks and more.

SPECIFICATIONS

PART NO.		NORMAL FORCE ¹	MAX.	PRESSURES		AIR VOLUME
				RELEASE	HOLD-OFF	
5026-CM	Service Chamber:	13,940 lbs [62.0 kN]	100 psi [6.9 bar]	N/A	N/A	122 in ³ [1999 cc]
	Parking Chamber:	8,380 lbs [37.3 kN]	145 psi [10 bar]	82 psi [5.6 bar]	79 psi [5.4 bar]	139 in ³ [2278 cc]
5026-CM3630P	Service Chamber:	13,580 lbs [70.4 kN]	100 psi [6.9 bar]	N/A	N/A	123 in ³ [2016 cc]
	Parking Chamber:	10,440 lbs [46.5 kN]	145 psi [10 bar]	82 psi [5.6 bar]	75 psi [5.2 bar]	128 in ³ [2098 cc]

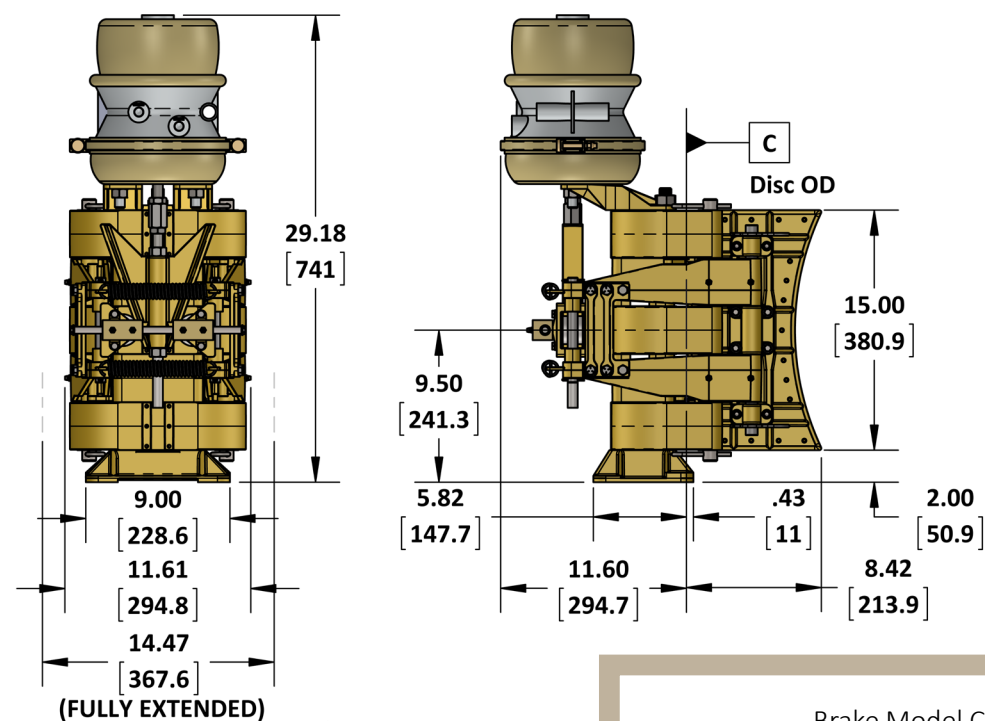
SPECIFICATIONS

Port Size:	$\frac{3}{8}$ NPT	
Temperature Range:	-40°F...+131°F -40°C...+55°C	
Disc Thickness:	4 in	[102 mm]
Maximum Running Clearance:	.08 in	[2.0 mm]
Minimum Disc Diameter:	30 in	[762 mm]
Maximum Disc Diameter ² :	61 in	[1549 mm]
Pad Life:	9900 hp-hr	[7390 kw-hr]
Total Pad Area:	175 in ²	[1128 cm ²]
Weight:	232 lbs	[105 kg]



¹ Values in this chart are theoretical and for reference only. They are based on properly bedded and burnished linings acting on a ductile iron rotor at 20°C and manufactured to required specifications.

² Requires a minimum 7.28 in [185 mm] wide face.



Brake Model Code Key

5026- [] - [] - []

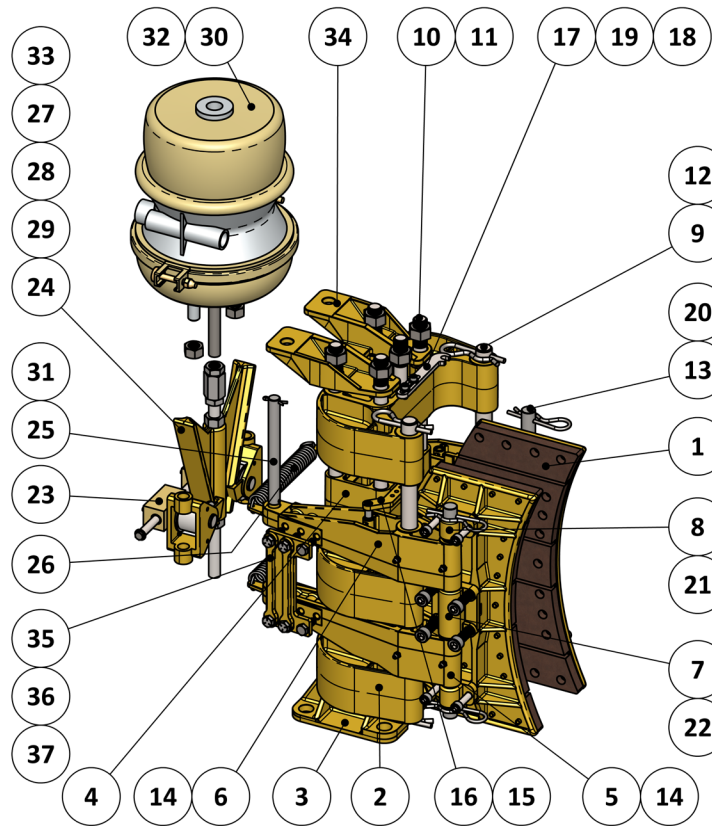
Friction material
(blank) = standard
N = non-sparking
C = low COF (.12-.15)
E = mid COF (.25-.28)

Disc thickness
(blank) = 4.000 in
350 = 3.500 in
300 = 3.000 in
250 = 2.500 in
200 = 2.000 in

Actuator code
CM = 36/36 double diaphragm
CM3630P = 36/30 piston actuator

BOTTOM VIEW

PARTS LISTING



ITEM	QTY.	PART NUMBER	5026-CM DESCRIPTION
1	2	5026-LS	SHOE ASSEMBLY, 5/8" K5, 5026 CALIPER
2	3	5026-0002	SADDLE, 5026 CALIPER
3	1	5026-0001	FOOT, 5026 CALIPER
4	2	5026-0003	SPACER, 5026 CALIPER
5	2	5026-1004L	LEVER, LEFT, 5026-CM
6	2	5026-1004R	LEVER, RIGHT, 5026-CM
7	2	5026-0013	PIVOT BLOCK, CENTER, 5026 CALIPER
8	4	5026-0014	PIVOT BLOCK, OUTER, 5026 CALIPER
9	2	5026-0028	PIVOT PIN, 5026/28 CALIPERS
10	5	5027-0023	TIE ROD, 5026 & 5027 CALIPER
11	6	1022-0117	NUT, HEX, 3/4-10 UNC, Gr 18-8
12	4	1039-0470	PIN, HAIRPIN COTTER, 1/4 X 4-1/4, STEEL
13	2	5026-0027	SHOE PIN, 5026 CALIPER
14	8	1501-0301	GREASE NIPPLE, 1/4-28
15	2	5024-0026	LINK PIN, 5024 - 5026 CALIPERS
16	2	5025-0011	BALANCING LINK, PIVOT END
17	2	5025-0012	BALANCING LINK, FORK END, 5025 CALIPER
18	4	1023-0216	FLAT WASHER, 1/4, TYPE B, NARROW
19	4	1002-1010	SCREW, SKT HD, 1/4 UNC X 5/8 LG, 18-8 SS

ITEM	QTY.	PART NUMBER	5026-CM DESCRIPTION
20	4	1039-0352	HITCH PIN, 5/16 X4, STEEL
21	8	1002-1220	SCREW, SKT HD, 3/8-16 UNC X 1-1/4, SS
22	8	1002-1420	SCREW, SKT HD, 1/2-13 UNC X 1-1/4, SS
23	1	5026-2001	ROLLER BOX ASSEMBLY, 5026-CM
24	1	5026-0153	WEDGE, 5026-CM
25	2	5026-0017	ROLLER PIN
26	2	1202-0003S	SPRING, EXTENSION, 1.00 OD X .125 WIRE
27	2	1022-0266	JAM NUT, 5/8-18 NF
28	1	5026-0025	5/8-18 COUPLING NUT
29	1	5026-0026	5/8-18 UNF X 12" ROD
30	1	3636	ACTUATOR, DOUBLE DIAPHRAGM, SIZE 3636
31	4	1026-0516	COTTER PIN, 1/8" X 1", SS
32	2	1022-0116	REG HEX NUT 5/8-11 UNC, GR 18-8
33	2	1022-0166	REG HEX NUT 5/8-18 NF
34	1	5026-0052	ACTUATOR MOUNTING BRACKET, 5026-CM
35	2	5026-0043	LEVER BRACKET, 5026-CM
36	8	1001-1220	HEX BOLT, 3/8-16 UNC x 1-1/4, GR. 18-8
37	4	1001-1216	SCREW, CAP, HEX HD, 3/8-16 UNC X 1, SS

Note: Product information and specifications are subject to change without prior notification.