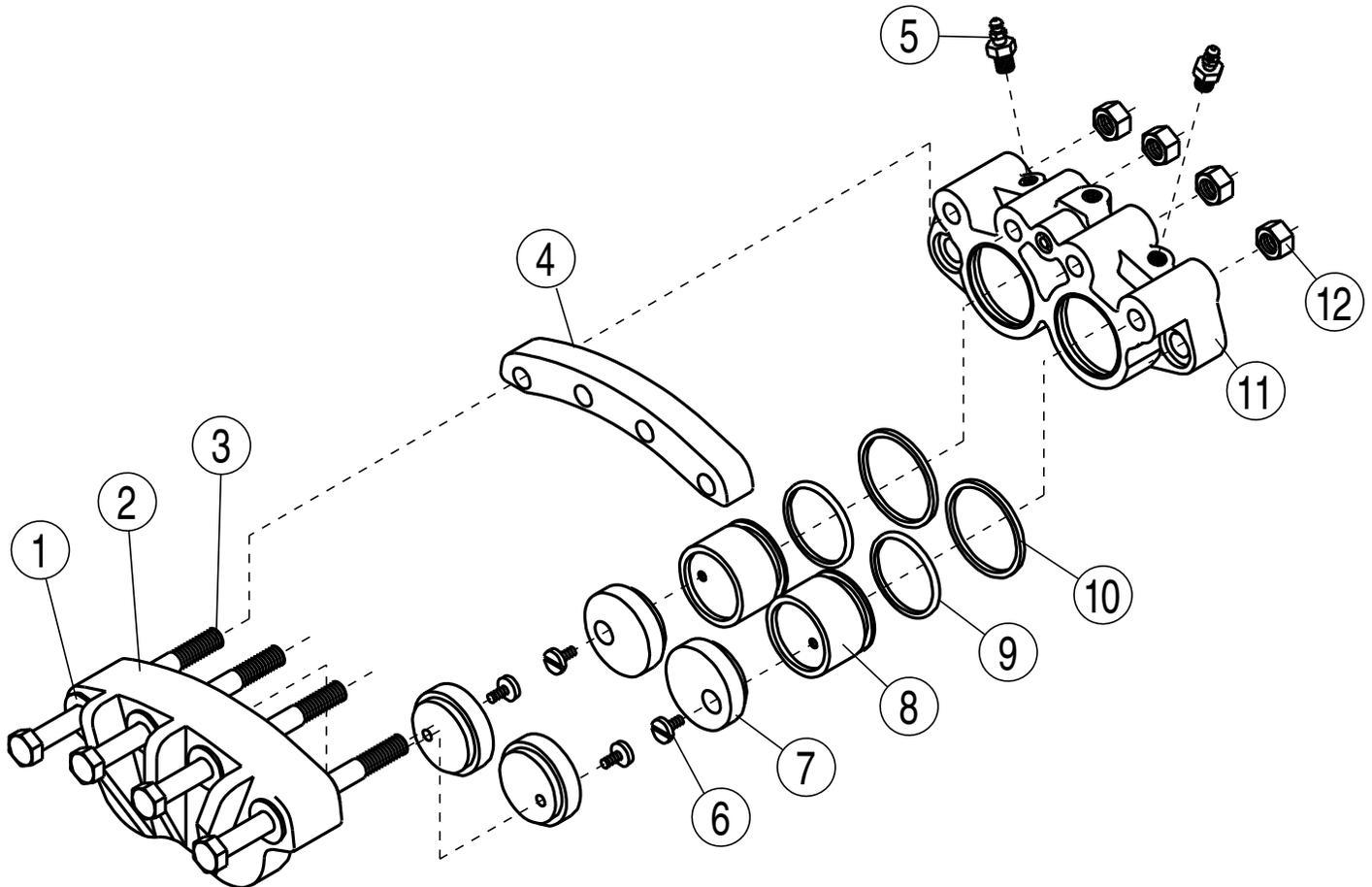


# Caliper Disc Brake H220 Series with Bore Seals

**Models:** H220SECG 0733-0234  
 H220SBCG 0733-0110  
 H220SECG 0733-0210


**Parts List**

Item	Part No.	Description	0733-0110	0733-0210	0733-0234
1.	0720-1011	Washer	4	4	4
†2.	0733-1068	Housing, Dead Side	1	1	1
3.	0724-1105	Bolt, 3/8-24 x 3.75	4	4	4
4.	0733-1023	Spacer, .344" Thick			1
	0733-1235	Spacer, .225" Thick	1		
	0733-1253	Spacer, .469" Thick		1	
5.	0740-1002	Bleeder	2	2	2
***†6.	0720-1026	Screw, Pan Head, #10-24 x .38, Brass	4	4	4

Item	Part No.	Description	0733-0110	0733-0210	0733-0234
***†7.	0720-1024	Puck	4	4	4
***8.	0720-1027	Piston			2
	0724-1039	Piston	2	2	
9.	0760-1009	O-Ring, EPR	2	2	2
10.	0733-1227	Square Seal	2	2	2
11.	0733-1236	Housing, Live Side	1	1	1
12.	0720-1008	Lock Nut, 3/8-24	4	4	4

**PISTON SUB-ASSEMBLIES**

\*0720-9007 includes 1 Screw (0720-1026), 1 Puck (0720-1024) and 1 Piston (0720-1027).

\*\*0720-9015 includes 1 Screw (0720-1026), 1 Puck (0720-1024) and 1 Piston (0720-1039).

**DEAD SIDE HOUSING SUB-ASSEMBLY**

†0733-9000 includes 2 Screws (0720-1026), 2 Pucks (0720-1024) and 1 Dead Side Housing (0733-1068).

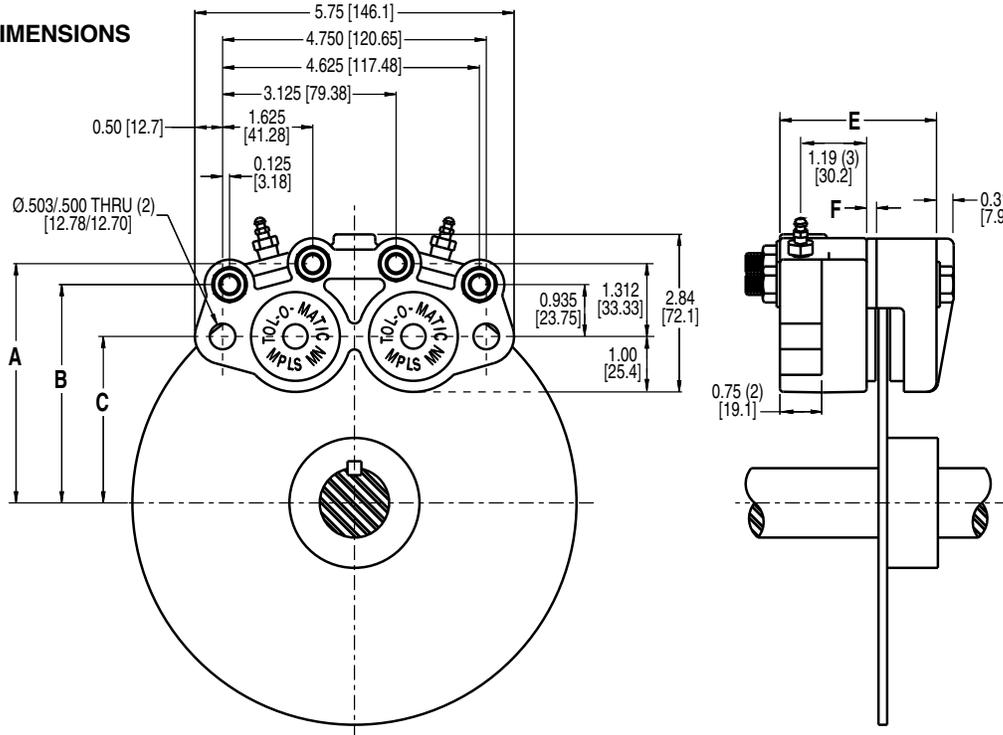
**INSTALLATION:**

- 1 The floating type disc must be free to move axially so that the moveable pucks will push in against the fixed pucks, otherwise unequal wear or bending of the disc will result. Proper clearance between the puck and disc is 0.010" (0.25 mm) minimum per side to a maximum of 0.031" (0.79 mm) per side when new.
- 2 Discs must be free of dirt and grease for maximum life and brake performance.
- 3 Hydraulically operated brakes may be operated at pressures up to 1500 PSI (103.42 bar) using an automotive brake fluid compatible with EPR Seals. When replacing seals, order EPR seals.
- 4 When plumbing the fluid system, use a minimum amount of pipe thread sealant on joints to prevent the sealant from entering the system.

- 5 Pressure in the brake cylinder must be relieved when the brake is off. Any back pressure in the cylinder will cause drag and excess heat which will result in reduced puck life. If used with master cylinders, residual pressure checks must be removed.
- 6 Hydraulically operated brakes are provided with bleeder valves. Bleeding is done by loosening one valve screw at high point of brake cylinder. Incomplete bleeding results in sluggish braking action.

NOTE: Do not pressure bleed with more than 5 PSI (0.34 bar).

**MOUNTING DIMENSIONS**



Disc Dia.		A		B		C	
in	mm	in	mm	in	mm	in	mm
6.313	160.4	3.45	87.6	3.07	78.0	2.13	54.1
8	203.2	4.32	109.7	3.94	100.1	3.00	76.2
10	254.0	5.32	135.1	4.94	125.5	4.00	101.6
12	304.8	6.32	160.5	5.94	150.9	5.00	127.0
16	406.4	8.41	213.6	8.03	204.0	7.09	180.1

Brake Assembly Number	Disc Thickness		E		F	
	in	mm	in	mm	in	mm
0733-0234	0.500	(12.70) REF	3.01	76.5	0.344	8.74
0733-0110	0.250	(6.35) REF	2.89	73.4	0.225	5.72
0733-0210	0.500	(12.70) REF	3.13	79.5	0.469	11.91

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