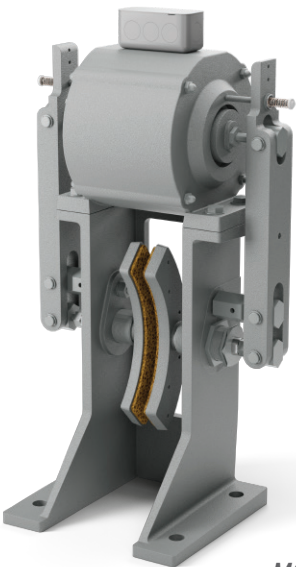


BRAKE PARTS (GEARED MACHINE)

DC DISC BRAKES

Hollister-Whitney's Direct Current Disc Brakes feature a completely enclosed coil, individual spring tension adjustment, and individual stroke adjustments. They are easy to install and adjust.

Operating voltage on Brake Coil is 230 Volts D.C. (115 Volts Optional). When using 230-volt coil, voltage may be decreased to 160 volts for running and holding. For 115-volt coil, voltage may be decreased to 85 volts for running and holding. A.C. to D.C. Rectifier Panels and Transformer available.



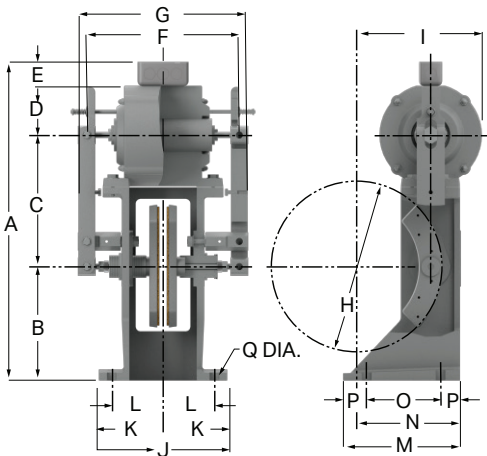
ELECTRICAL INFORMATION

MODEL 92 (used on 34 machine)			MODEL 102 (used on 44 & 54 machines)			MODEL 112 (used on 64 machine)		
	Optional 115V	Standard 230V		Optional 115V	Standard 230V		Optional 115V	Standard 230V
Ohms	33	138	Ohms	46.45	190	Ohms	46.45	190
Amps	3.48	1.66	Amps	2.44	1.24	Amps	2.44	1.24
Watts	400	380	Watts	277	292	Watts	277	292

WHEN ORDERING BRAKES, PLEASE SPECIFY THE FOLLOWING:

- Speed and Capacity of the Machine
- Distance from the Center Line of the Worm Shaft to the Top of the Bedplate
- Voltage & Type of Motor Control

DIMENTIONS (INCHES)



BRAKE NO.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	SHIP. WGT.
92	18 5/8	7	7 1/16	2 15/16	1 5/8	8 15/16	11 5/8	10	7 1/16	6 1/4	3 1/8	2 5/8	6	5 5/8	4 1/2	3/4	9/16	85#
102	21 7/8	7 3/4	9	3 1/2	1 5/8	10 1/2	11 5/8	12	8 1/2	9	4 1/2	3 5/8	8	7	5	1 1/2	11/16	95#
112	25 1/2	11 3/8	9	3 1/2	1 5/8	10 1/2	11 5/8	14	9 1/2	9	4 1/2	3 5/8	8	7	5	1 1/2	11/16	100#

BRAKES & ACCESSORIES

DC DRUM BRAKES



Hollister-Whitney offers Direct Current Brakes that feature a completely enclosed coil, individual spring tension adjustments, individual stroke adjustments, and pivot shoes with toe and heel adjustments. They are easy to install and adjust (*split frame*).

Operating voltage on Brake Coil is 230 Volts D.C. (115 Volts Optional). When using 230-volt coil, voltage may be decreased to 160 volts for running and holding. For 115-volt coil, voltage may be decreased to 85 volts for running and holding. D.C. Rectifier Panels, Transformer and Split Brake Drums available. Modifications available for non-standard drum diameters and widths.

ELECTRICAL INFORMATION

MODELS 80 - 111

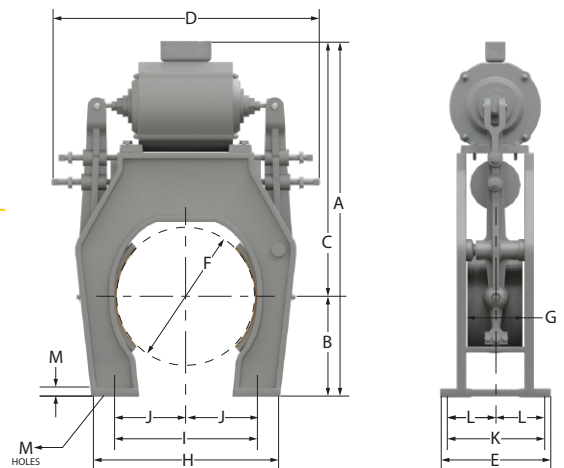
	Optional 115V	Standard 230V
Ohms	71	280
Amps	1.63	.82
Watts	189	188

MODELS 115 - 121

	Optional 115V	Standard 230V
Ohms	84	313
Amps	1.38	.73
Watts	160	167

WHEN ORDERING BRAKES, PLEASE SPECIFY:

- Diameter and Width of the Brake Drum
- Distance from the Center Line of the Brake Drum to the Top of the Bedplate
- Voltage
- Control (Single Speed, 2 Speed, V.V., or V.F.A.C.)
- Capacity and Speed
- Amount of Existing Shoe Contact on Drum.



ASSY. NO.	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	SHIP. WGT.
80	8H	26 1/8	7 5/16	19	18	8 1/4	8	3 5/8	13 1/2	10	5	7	3 1/2	5/8	9/16	190#
85	9H	26 1/8	7 5/16	19	18	8 1/4	9	3 5/8	13 1/2	10	5	7	3 1/2	5/8	9/16	165#
86	9L	24 1/2	5 1/2	19	18	8 1/4	9	3 5/8	14	10	5	7	3 1/2	5/8	9/16	165#
90	10H	26 1/8	7 5/16	19	18	8 1/4	10	3 5/8	13 1/2	10	5	7	3 1/2	5/8	9/16	160#
91**	10L	24 1/2	5 1/2	19	18	8 1/4	10	3 5/8	14	10	5	7	3 1/2	5/8	9/16	160#
95	11H	28 1/2	9 1/2	19	19	9 3/4	11	5 1/8	16 3/4	13	6 1/2	8 1/2	4 1/4	5/8	9/16	190#
96**	11L	25 1/2	6 1/2	19	19	9 3/4	11	5 1/8	16 7/8	13	6 1/2	8 1/2	4 1/4	5/8	9/16	190#
100	12H	28 1/2	9 1/2	19	19	9 3/4	12	5 1/8	16 3/4	13	6 1/2	8 1/2	4 1/4	5/8	9/16	190#
101**	12L	25 1/2	6 1/2	19	19	9 3/4	12	5 1/8	16 7/8	13	6 1/2	8 1/2	4 1/4	5/8	9/16	190#
105	13H	32 1/4	11 3/8	20 7/8	20	10 1/2	13	5 1/2	19	15 1/4	7 5/8	9	4 1/2	5/8	9/16	215#
106	13L	28 1/4	7 1/2	20 7/8	20	10 1/2	13	5 1/2	19 1/4	15 1/4	7 5/8	9	4 1/2	5/8	9/16	215#
110	14H	32 1/4	11 3/8	20 7/8	20	10 1/2	14	5 1/2	19	15 1/4	7 5/8	9	4 1/2	5/8	9/16	215#
111**	14L	28 1/4	7 1/2	20 7/8	20	10 1/2	14	5 1/2	19 1/4	15 1/4	7 5/8	9	4 1/2	5/8	9/16	215#
115	15H	35 5/8	13	20 7/8	23	11	15	6 1/8	20	16	8	9 3/4	4 7/8	5/8	9/16	250#
116	15L	31 5/8	9	20 5/8	23	11	15	6 1/8	20 3/4	16	8	9 3/4	4 7/8	5/8	9/16	250#
120	16H	35 5/8	13	20 5/8	23	11	16	6 1/8	20	16	8	9 3/4	4 7/8	5/8	9/16	250#
121**	16L	31 5/8	9	20 5/8	23	11	16	6 1/8	20 3/4	16	8	9 3/4	4 7/8	5/8	9/16	250#

** These low brakes are available for pickup ONLY, at G.A.L. Bronx, New York. All brake shoes that have to be shipped to various locations must be ordered from Hollister-Whitney, Quincy, Illinois.

PART ID	PART DESCRIPTION
HW-100-008	EYE BOLT
HW-100-029A	BRAKE SHOE ASSEMBLY - 12"
HW-100-048	LEVER & SHOE ASSEMBLY - 12"
HW-100-094	DRUM BRAKE MONITOR ASSY 100 & 110
HW-102-006	PLUNGER - BRAKE
HW-102-007	PLUNGER - BRAKE W/PLUNGER RING
HW-102-009	BRASS PLUNGER TUBE 2.375X6.50 44/54/64
HW-102-059	EYEBOLT-SPRING (revised - only after 2003 models)
HW-102-061	ASSEMBLY - DISC BR. SHOE & ROD SET(2)
HW-102-064	EYEBOLT - SLOTTED PLUNGER
HW-102-073	COIL PER PRINT, 230VDC CLASS F (P-21444)
HW-102-074	115VDC BRAKE COIL, CLASS F (SNC P-21445)
HW-102-078	BRASS BUMPER WASHER 2" OD x 1" ID x 1/32
HW-102-094	DISC BRAKE MONITOR ASSY 102 & 112
HW-102-095	DISC BRAKE MONITOR ASSY 102 & 112 GOLD
HW-102-115V	12" DISC BRAKE--115V--SELL W/102-094/95
HW-102-230V	12" DISC BRAKE--230V--SELL W/102-094/95
HW-110-029A	BRAKE SHOE ASSEMBLY - 14"
HW-110-038	3/8" HHCS WITH NYLON INSERT - 2-1/2" LG.
HW-110-048	LEVER & SHOE ASSEMBLY - 14"
HW-112-115V	14" DISK BRAKE--115V--SELL W/102-094/95
HW-112-230V	14" DISK BRAKE--230V--SELL W/102-094/95
HW-120-006	PLUNGER - BRAKE
HW-120-007	PLUNGER - BRAKE W/PLUNGER RING
HW-120-009	BRASS PLUNGER TUBE 3.125 x 10.06 74 MACH
HW-120-022	230 VOLT COIL FOR 120 BRAKE
HW-120-035	115 VOLT COIL FOR 120 BRAKE
HW-120-094	DRUM BRAKE MONITOR ASSY 120
HW-143-004	RSD10 4 BRAKE PADS
HW-144-004	RSD8 FRICTION LINING KIT W/2 PADS
HW-146-004	RSD6 FRICTION LINING KIT W/2PADS
HW-146-005	RSD6, RSD8, & RSD10 SWITCH KIT W/SCREWS



HW-102-061



HW-102-073



HW-102-094



HW-102-115V



HW-110-029A



HW-110-048



HW-120-035

PART ID	PART DESCRIPTION
HW-146-A-72-A	SPRAY PAINT - H-W GRAY
HW-146-L-17-A	SPRAY PAINT - H-W BLUE
HW-90-006	PLUNGER - BRAKE
HW-90-007	PLUNGER - BRAKE W/PLUNGER RING
HW-90-009	BRASS PLUNGER TUBE 2.75 x 8.06 43/53/63
HW-90-016	NYLON BUSHING - LEVER
HW-90-022	230 VDC COIL
HW-90-029A	BRAKE SHOE ASSEMBLY - 10"
HW-90-032	TRUARC RING #5133-62 (PLUNGER PIN)
HW-90-033	TRUARC RING #5133-74 (LEVER PIN)
HW-90-035	115 VOLT COIL
HW-90-038	BOLT W/NYLON INSERT (3/8" x 2-1/4" Lg)
HW-90-044	OILITE BUSHING (LEVER)
HW-90-048	LEVER & SHOE ASSEMBLY - 10"
HW-90-078	CUSHION 2 3/8" OD x 1 3/8 ID x 1/32 BRASS
HW-90-094	DRUM BRAKE MONITOR ASSY 90
HW-92-006	PLUNGER - BRAKE
HW-92-007	PLUNGER - BRAKE W/PLUNGER RING
HW-92-009	BRASS PLUNGER TUBE 34 MACH
HW-92-022	COIL 230 VDC (SNC P-19081)
HW-92-035	COIL 115VDC
HW-92-059	EYEBOLT- SPRING HOUSING
HW-92-061	ASSEMBLY - DISC BR. SHOE & ROD SET(2)
HW-92-064	EYEBOLT - SLOTTED PLUNGER
HW-92-078	PLUNGER CUSHION 1" OD x .25 ID BRASS 1/32
HW-92-094	DISC BRAKE MONITOR ASSY 92 BRAKE
HW-92-115V	DISC BRAKE - 10" (115V) SELL W/92-094/095
HW-92-230V	DISC BRAKE - 10" (230V) SELL W/92-094/095



HW-92-0009



HW-92-022



HW-92-035



HW-92-061



HW-92-064

GEARED MACHINE PARTS

PART ID	PART DESCRIPTION
HW-34-081-1	SPLIT CLIPPER SEAL R-0150-09628 RUP
HW-34-091	THRUST BEARING PAIR (7405)
HW-34-112S	ZEE BRACKET
HW-34-107S	RUBBER PAD PER PRINT 70 DURO NEOPRENE
HW-34-131	ISOLATION RUBBER (1"x 5"x 7")
HW-34-131S	ISOLATION RUBBER (1"x 5"x 6")
HW-34-203	THRUST NUT KIT - BEARING END
HW-34-303	ISOLATION BRACKET SHIM
HW-43-091	THRUST BEARING PR (7406)
HW-43-123-1	MACHINE PAN 16GA 16 3/4" X 29 1/2"
HW-43-188	BEARING & SEAL ASSY. - COMPLETE MACHINE
HW-43-189	BEARING & SEAL ASSY. - MAIN SHAFT
HW-43-190	SEAL & GASKET ASSY. - COMPLETE MACHINE
HW-44-203	THRUST NUT KIT - BEARING END
HW-53-081-1	SPLIT SEAL
HW-53-091	THRUST BEARING PR (7407)
HW-53-103	TAPER PIN - #7 X 3" THREADED
HW-53-188	BEARING & SEAL ASSY. - COMPLETE MACHINE
HW-53-189	BEARING & SEAL ASSY. - MAIN SHAFT
HW-53-190	SEAL & GASKET ASSY. - COMPLETE MACHINE
HW-54-203	THRUST NUT KIT - BEARING END
HW-63-081-1	SPLIT REPLACEMENT WORM SHAFT SEAL
HW-63-091	THRUST BEARING PAIR (7409)
HW-63-188	BEARING & SEAL ASSY. - COMPLETE MACHINE
HW-63-189	BEARING & SEAL ASSY. - MAIN SHAFT
HW-63-190	SEAL & GASKET ASSY. - COMPLETE MACHINE
HW-SHC-636	MOBILE SHC636 1 GALLON GEAR OIL



HW-34-091



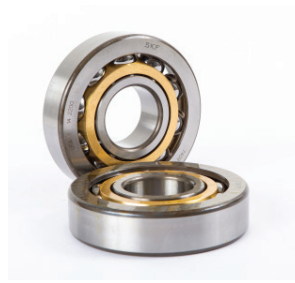
HW-34-106



HW-34-107



HW-63-081



HW-63-091

PART ID	PART DESCRIPTION
HW-64-203	THRUST NUT KIT - BEARING END
HW-74-081-1	SPLIT SEAL
HW-74-091	THRUST BEARING PAIR (7413)
HW-74-188	BEARING & SEAL ASSY. - COMPLETE MACHINE
HW-74-189	BEARING & SEAL ASSY. - MAIN SHAFT
HW-74-190	SEAL & GASKET ASSY. - COMPLETE MACHINE
HW-74-203	THRUST NUT KIT - BEARING END
HW-SHC-524	FULL SYNTHETIC MOBIL 1 GRIPPER OIL 1GL
HW-SHC-636	MOBIL SHC636 1 GALLON GEAR OIL