

4/97 - old style
A

1	26		A63-24L	PIN, SPRING	S.S.	.187 DIA x .3/8 LONG
6	25		S50C200FHSL	SCREW FLAT HEAD SOCKET	S.S.	1/2-13 x 2" LONG
1	24		A106-24T	O-RING	TEFLON	P/N: 2-277, 11.484 ID X .139 CS
1	23		A63-57	PLUG	STL.	1/2" N.P.T.
1	22	(A4)	A106-22	COUPLING	STL.	WOODS 9S, 9JES 25/30 HP WOODS 10S, 10JES 60 HP
1	21		S100C200HHL	BOLT, HEX HD	S.S.	1'-8 x 2" LG, RH THD'S
1	20	A	B80144L	SLEEVE	304 SS	
1	19	(B2)	A106-19	OIL SEAL		CR 29866
1	18		D80166S	BASE	STEEL	
1	17		C80146S	REAR LEG	STEEL	
1	16	(A3)	C80151-NS	GUARD	STL.	12 1/2 LONG - 25/30 HP 15 LONG - 60 HP
1	15		C80138S	SHAFT	4140	ANNEALED
8	14	(C3)	B80147-1S	SPACER	STEEL	(12) SPACERS REQ, IF 25 HP MTR. IS USED
1	13		C80145S	FRONT LEG	STEEL	
1	12		D80142P	IMPELLER	17-4PH	CASTING P/N: C80128P, H1025
1	11		B80153L	WASHER	304 SS	
2	10		B80141S	RETAINER, BEARING	STEEL	1 FRONT, 1 REAR
1	9		B80139L	RETAINER, SEAL	304 SS	
1	8		B80140P	PLATE WEAR	17-4PH	H1025
1	7		C80130P	HOUSING SEAL	17-4PH	CASTING P/N: C80129P, H1025
6	6	(A5)	D80150P-L C80149P	LINER BAR W/OPENINGS LINER BAR W/OUT OPENINGS	17-4PH	CASTING P/N: C80133P, H1025
6	5		C80131P	LINER, TOOTHED	17-4PH	CASTING P/N: C80134P, H1025
1	4		E80137I	VOLUTE	DUCTILE IRON	CASTING P/N: E80127I, 65-45-12
1	3		C80143P	RETAINER	17-4PH	CASTING P/N: C80135P, H1025
1	2		D80132I	REDUCER	DUCTILE IRON	CASTING P/N: D80126I, 65-45-12
1	1		D80136I	FRAME	DUCTILE IRON	CASTING P/N: D80125I, 65-45-12
			E8066	MEGA-GRINDER 10x6		
SH NO.	ITEM NO.	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION

C
REV 1
E8066
DWG NO.

PARTS LIST

SE SPECIFIED CHES .010 .AR ± 30' 003-015 020-040R 0BK H-28 AND SI Y14.5M-1982 WS A2.4 SYMBOLS PER ES 125 ✓	DRAWN BY	JIM T	9/25/91
	CHECKER		
	DES. ENG'R		
	STRESS ENG'R		
	PROG. ENG'R		
	MFG		
	QUAL. CONTROL		

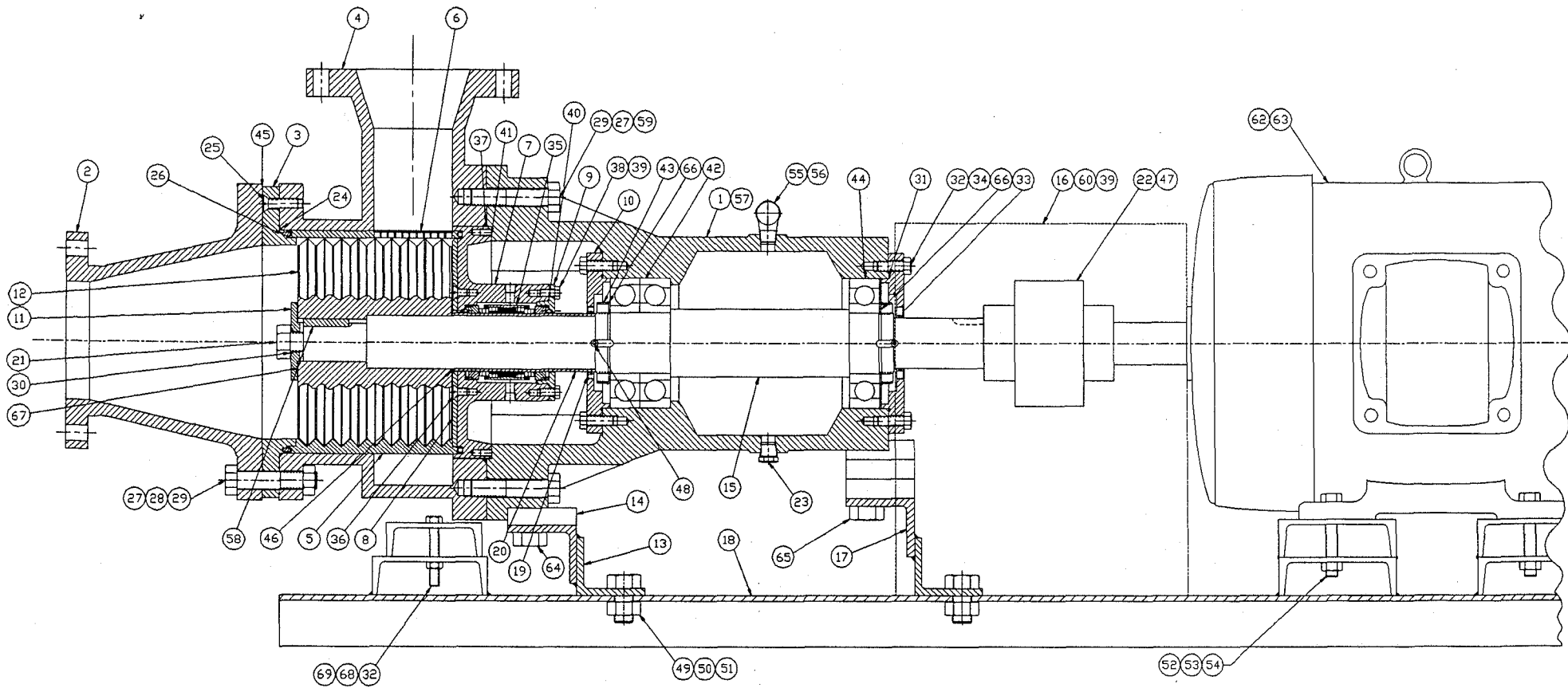
ARDE, INC. NORWOOD, N.J.	
TITLE MEGA-GRINDER 10 x 6	
SIZE	CODE ID NO.
E	N5980
E8066	

A

	2	69	(B2)	N50CHHS	NUT, HEX	STL	1/2"-13	
	2	68	(B2) (A1)	S50C300HHS	BOLT, HEX HD	STL	1/2"-13 X 3' LONG	
	1	67	(C11) (A1)	B80156-3T	GASKET, IMPELLER	TEFLON	.010" THICK	
	2	66	(A1)	W16-LS	WASHER, BEARING	STL.	W16	
	2	65		S100C450HHS	BOLT, HEX HD	STL.	1'-8 x 4 1/2" LONG	
	2	64		S100C250HHS	BOLT, HEX HD	STL.	1'-8 x 2 1/2" LONG	
	1	63			MOTOR	TYPE "L"	(25 HP-324T), (30HP-326T) (60 HP-364T)	
	1	62		K6363413S	MOTOR KEY	STEEL	5/8 x 5/8 x 4 1/8 LONG	
		61	(C10)					
	4	60		S38C050HHS	BOLT, HEX HD	STL.	3/8-16 x 1/2 LONG	
	10	59	(C9)	S88C200HHS	BOLT, HEX HD	STL.	7/8-9 x 2' LONG	
	1	58		K3838225B	IMPELLER KEY	BRASS	3/8 x 3/8 x 2 1/4 LONG	
	1	57		A106-57	SIGHT PLUG	BRASS	1/2"	
	1	56		A63-2HD	FILTER	BRASS	1/2"	
	2	55		A63-61	ELBOW	STL.	1/2"N.P.T.-STREET 90°	
	8	54	(C8)	N63CHHS	NUT	STL.	5/8-11 THREADS	
	8	53	(C7)	W63LS	SPLIT LOCK WASHER	STL.	5/8 I.D. DIA	
	4	52	(C6)	S63C450SDS	STUD - FULL THREAD	STL.	5/8-11 x 4 1/2 LONG	
	12	51		W100LS	SPLIT LOCK WASHER	STL.	1" I.D. DIA	
	4	50		S100C200HHS	BOLT, HEX HD	STL.	1'-8 x 2' LONG	
	4	49		N100CHHS	NUT	STL.	1'-8 THREADS	
	1	48		A106-48L	PIN	S.S.	.187 DIA x .250 LONG	
	2	47	(A2)		COUPLING KEY	STEEL	5/8 x 5/8 x 3 7/8 LONG 5/8 x 1/2 x 3 7/8 LONG	
	1	46		A106-46T	O-RING	TEFLON	P/N: 2-039, 2.739 ID X .070 CS	
	1	45	(B2)	A106-45	GASKET	VELUMOID	1/32" THK., 150# 10" PIPE SIZE	
	1	44		A106-44	BEARING	STL.	P/N: 6316/C78, SERIES 63/C78	
	2	43		NAN16-LS	BEARING NUT	STL.	AN16	
	2	42		A106-42	BEARING	STL.	P/N: 7316BG (SET), SERIES 73 (DUPLX MFG)	
	4	41		S38C150HHS	BOLT, HEX HD	STL.	3/8-16 x 1 1/2 LONG	
	1	40		A106-40T	O-RING	TEFLON	P/N: 2-156, 4.237 ID X .103 CS	
	12	39	(C5)	W38LS	SPLIT LOCK WASHER	STL.	3/8 I.D. DIA	
	4	38		S38C100HHL	BOLT, HEX HD	ST. STL.	3/8-16 x 1' LONG	
	1	37		A106-37T	O-RING	TEFLON	P/N: 2-381, 11.975 ID X .210 CS	
	4	36		S38C075FHSL	SCREW, FLAT HD. SOC. CAP	S.S.	3/8-16 x 3/4 LONG	
	1	35		A106-35JCT	SEAL	S.S./TEFLON	JC T81T-3'	
	16	34		S50C150HHS	BOLT, HEX BOLT	STL.	1/2-13 x 1 1/2 LONG	
	1	33		A106-33	OIL SEAL		CR 26284	
	18	32		W50LS	SPLIT LOCK WASHER		1/2 I.D. DIA	
	2	31		A106-31BU	O-RING	BUNA-N	P/N: 2-166, 6.739 ID x .103 CS	
	1	30		A106-30T	O-RING	TEFLON	P/N: 2-121, 1.049 ID x .103 CS	
	24	29	(C4)	W88LS	SPLIT LOCK WASHER	STL.	7/8 I.D. DIA	
	12	28		N88CHHS	NUT, HEX HD	STL.	7/8-9 THREADS	
	14	27		S88C450HHS	BOLT, HEX HD	STL.	7/8-9 x 4 1/2 LONG	
			ITEM NO.	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION

ER DASH NO.

PARTS LIST



For special short shaft/sleeve units

			1	30		A106-30T	O-RING	TEFLON	P/N: 2-121, 1.049 ID x .103 CS
			24	29	(C4)	W88LS	SPLIT LOCK WASHER	STL.	7/8 I.D. DIA
			12	28		N88CHHS	NUT, HEX HD	STL.	7/8-9 THREADS
			14	27		S88C450HHS	BOLT, HEX HD	STL.	7/8-9 x 4 1/2 LONG
			1	26		A63-24L	PIN, SPRING	S.S.	.187 DIA x .3/8 LONG
			6	25		S50C200FHSL	SCREW FLAT HEAD SOCKET	S.S.	1/2-13 x 2" LONG
			1	24		A106-24T	O-RING	TEFLON	P/N: 2-277, 1.1484 ID X .139 CS
			1	23	(E1)				
			1	22	(A4)	A106-22	COUPLING	STL.	WOODS 9S, 9JES 25/30 HP WOODS 10S, 10JES 60 HP
			1	21		S100C200HHL	BOLT, HEX HD	S.S.	1"-8 x 2" LG, RH THD'S
			1	20	(F3)	B80144-1L	SLEEVE	304 SS	
			1	19	(B2)	A106-19	OIL SEAL		CR 29866
			1	18		D80166S	BASE	STEEL	
			1	17		C80146S	REAR LEG	STEEL	
			1	16	(A3)	C80151-NS	GUARD	STL.	12 1/2 LONG - 25/30 HP 15 LONG - 60 HP
			1	15	(F2)	C80138-1S	SHAFT	4140	ANNEALED
			8	14	(C3)	B80147-1S	SPACER	STEEL	(12) SPACERS REQ., IF 25 HP MTR. IS USED
			1	13		C80145S	FRONT LEG	STEEL	
			1	12		D80142P	IMPELLER	17-4PH	CASTING P/N: C80128P, H1025
			1	11		B80153L	WASHER	304 SS	
			2	10		B80141S	RETAINER, BEARING	STEEL	1 FRONT, 1 REAR
			1	9		B80139L	RETAINER, SEAL	304 SS	
			1	8		B80140P	PLATE WEAR	17-4PH	H1025
			1	7		C80130P	HOUSING SEAL	17-4PH	CASTING P/N: C80129P, H1025
			6	6	(A5)	D80150P-11 C80149P	LINER BAR W/OPENINGS LINER BAR W/OUT OPENINGS	17-4PH	CASTING P/N: C80133P, H1025
			6	5		C80131P	LINER, TOOTHED	17-4PH	CASTING P/N: C80134P, H1025
			1	4		E80137I	VOLUTE	DUCTILE IRON	CASTING P/N: E80127I, 65-45-12
			1	3		C80143P	RETAINER	17-4PH	CASTING P/N: C80135P, H1025
			1	2		D80132I	REDUCER	DUCTILE IRON	CASTING P/N: D80126I, 65-45-12
			1	1		D80136I	FRAME	DUCTILE IRON	CASTING P/N: D80125I, 65-45-12
						E8066	MEGA-GRINDER 10x6		
QTY REQD PER DASH NO.	ITEM NO.	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION			

PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES .X = ±.030, .XX = ±.010 .XXX = ±.005 ANGULAR ± 30' BREAK SHARP EDGES .003-.015 ALL SMALL FILLETS .020-.040R THREADS PER FED. HANDBK H-28 AND SUPPLEMENTS DIMENSIONING PER ANSI Y14.5M-1982 WELD SYMBOLS PER AWS A2.4 SURFACE ROUGHNESS SYMBOLS PER ANSI-B46.1 ALL FINISHED SURFACES 125 ✓ NEXT ASSEMBLY	DRAWN BY	JIM T	9/25/91	ARDE, INC. NORWOOD, N.J.	
	CHECKER				
	DES. ENG'R			SIZE E	CODE ID NO. 05980
	STRESS ENG'R				
	PROG. ENG'R			SCALE 1/2	SHEET 1 OF 1
MFG					
QUAL. CONTROL					

			2	72		A106-64B	NIPPLE	BRASS	1/4 NPT X 5'	
			2	71		A106-58B	ELBOW, 1/4-45°	BRASS		
			2	70		A315-26L	ROLL PIN	ST. ST.	Ø1/8 X 5/16	
			2	69	(B2)	N50CHHS	NUT, HEX	STL	1/2"-13	
			2	68	(B2) (A1)	S50C300HHS	BOLT, HEX HD	STL	1/2"-13 X 3' LONG	
			1	67	(E11) (A1)	B80156-3T	GASKET, IMPELLER	TEFLON	.010" THICK	
			2	66	(A1)	W16-LS	WASHER, BEARING	STL.	W16	
			2	65		S100C450HHS	BOLT, HEX HD	STL.	1"-8 x 4 1/2" LONG	
			2	64		S100C250HHS	BOLT, HEX HD	STL.	1"-8 x 2 1/2" LONG	
			1	63			MOTOR	TYPE "L"	(25 HP-324T), (30HP-326T) (60 HP-364T)	
			1	62		K6363413S	MOTOR KEY	STEEL	5/8 x 5/8 x 4 1/8 LONG	
				61	(E10)					
			4	60		S38C050HHS	BOLT, HEX HD	STL.	3/8-16 x 1/2 LONG	
			10	59	(C9)	S88C200HHS	BOLT, HEX HD	STL.	7/8-9 x 2" LONG	
			1	58		K3838225B	IMPELLER KEY	BRASS	3/8 x 3/8 x 2 1/4 LONG	
			1	57	(D1)	B80173	SIGHT GLASS ASSY.	BRASS		
obsolete			1	56		A63-2HD	FILTER } A63-3HD	BRASS	1/2"	
obsolete			2	55		A63-61	ELBOW }	STL.	1/2"N.P.T.-STREET 90°	
			8	54	(C8)	N63CHHS	NUT	STL.	5/8-11 THREADS	
			8	53	(C7)	W63LS	SPLIT LOCK WASHER	STL.	5/8 I.D. DIA	
			4	52	(C6)	S63C450SDS	STUD - FULL THREAD	STL.	5/8-11 x 4 1/2 LONG	
			12	51		W100LS	SPLIT LOCK WASHER	STL.	1" I.D. DIA	
			4	50		S100C200HHS	BOLT, HEX HD	STL.	1"-8 x 2" LONG	
			4	49		N100CHHS	NUT	STL.	1"-8 THREADS	
			1	48	(F4)	S31C075SSL	SET SCREW, SOC HEAD	S.S.	5/16-18 X 3/4 HALF DOG POINT	
			2	47	(A2)		COUPLING KEY	STEEL	5/8 x 5/8 x 3 7/8 LONG 5/8 x 1/2 x 3 7/8 LONG	
			1	46	(F5)	A106-46K	O-RING	KALREZ	P/N: 2-039, 2.739 ID X .070 CS	
			1	45	(B2)	A106-45	GASKET	VELUMOID	1/32" THK., 150# 10" PIPE SIZE	
			1	44		A106-44	BEARING	STL.	P/N: 6316/C78, SERIES 63/C78	
			2	43		NAN16-LS	BEARING NUT	STL.	AN16	
			2	42		A106-42	BEARING	STL.	P/N: 7316BG (SET), SERIES 73 (DUPLICATE MTG)	
			4	41		S38C150HHS	BOLT, HEX HD	STL.	3/8-16 x 1 1/2 LONG	
			1	40		A106-40T	O-RING	TEFLON	P/N: 2-156, 4.237 ID X .103 CS	
			12	39	(C5)	W38LS	SPLIT LOCK WASHER	STL.	3/8 I.D. DIA	
			4	38		S38C100HHL	BOLT, HEX HD	ST. STL.	3/8-16 x 1" LONG	
			1	37		A106-37T	O-RING	TEFLON	P/N: 2-381, 11.975 ID X .210 CS	
			4	36		S38C075FHSL	SCREW, FLAT HD. SOC. CAP	S.S.	3/8-16 x 3/4 LONG	
			1	35		A106-35JCT	SEAL	S.S./TEFLON	JC T8IT-3"	
			16	34		S50C150HHS	BOLT, HEX BOLT	STL.	1/2-13 x 1 1/2 LONG	
			1	33		A106-33	OIL SEAL		CR 26284	
			18	32		W50LS	SPLIT LOCK WASHER		1/2 I.D. DIA	
			2	31		A106-31BU	O-RING	BUNA-N	P/N: 2-166, 6.739 ID x .103 CS	
					ITEM NO.	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION
					QTY REQD PER DASH NO.					

PARTS LIST