

The Memorex Disc Drive Family

Estimated date circa Jul 1979 based upon location with similar documents in Gardner Files

DRIVE #	INTERFACE	CONTR UNIT	REQUIRE EXTERNAL VFO/PLO	ROT (RPM) SPEED	DATA TR. RATE (KILOBYTES)	REVOLUTION TIME	NO. OF CYLINDERS	# REC. SURFACES	FIXED HEADS		MOVING HEADS		BYTES/ TRACK	TRACK DENSITY	MAX BIT DENSITY	SEEK TIME		INTERFACE LEVELS		DATA ERROR RATE	SEEK ERROR RATE	BIT CELL TIME
									QTY.	TOTAL CAPACITY	QTY	TOTAL CAPACITY				MINIMUM	AVERAGE	CONTROL	DATA/CLK			
660	IBM 2314	MRX 661	YES	2400	312 KB/S	25 MS	203	20			20	29 MB	7,250	100 TPI	2228 BPI	12 MS	35 MS	-2.5V + 1.5V	OV +3V	10 ⁹ SOFT 10 ¹² HARD	10 ⁵ RANDOM	400 NS
3670	IBM 3330-1	MRX 3673	YES	3600	806 KB/S	16.67 MS	404	19			19	100 MB PER SPINDLE	13,030	192 TPI	4040 BPI	5 MS	27 MS	OV 1.7V (8T23/24)	OV 1VT	10 ⁹ SOFT 10 ¹² HARD	10 ⁵ RANDOM	155 NS
3675	IBM 3330-2	MRX 3673	YES	3600	806 KB/S	16.67 MS	808	19			19	200 MB PER SPINDLE	13,030	370 TPI	4040 BPI	5 MS	27 MS	OV 1.7V (8T23/24)	OV 1V	10 ⁹ SOFT 10 ¹² HARD	10 ⁵ RANDOM	155 NS
677-30	CDC 9766		NO	3600	1.209 KB/S	16.67 MS	823	19			19	309.5 MB	20,160	384 TPI	6060 BPI	6 MS	38.33			10 ⁹ SOFT 10 ¹² HARD	10 ⁵ RANDOM	103 NS
677-0	CDC 9760	TELEFILE	NO	3600	806 KB/S	16.67 MS	411 815	19			19	100 MB 200 MB	13,440	192 TPI 370 TPI	4040 BPI	6 MS	28.5 MS	75107 75110	75108 75110	10 ⁹ SOFT 10 ¹² HARD	10 ⁶ RANDOM	155 NS
677-1	DEC-DCL	DEC-DCL	NO	3600	806 KB/S	16.67 MS	411 815	19			19	100 MB 200 MB	13,440	192 TPI 370 TPI	4040 BPI	6 MS	28.5 MS	7404 7438	75108 75113	10 ⁹ SOFT 10 ¹² HARD	10 ⁶ RANDOM	155 NS
677-2	IBM 3330-2	ISSI	YES	3600	806 KB/S	16.67 MS	411 815	19			19	100 MB 200 MB	13,440	192 TPI 370 TPI	4040 BPI	6 MS	28.5 MS	OV 1.7V (8T23/24)	-1.6V -0.9V	10 ⁹ SOFT 10 ¹² HARD	10 ⁶ RANDOM	155 NS
612	CDC 9760		NO	3600	1.209 KB/S	16.67 MS	350	2 4 6			4 8 12	28 MB 57 MB 85 MB	20,160	300 TPI	5636 BPI	7 MS	32 MS	75107 75110	75107 75110	10 ¹⁰ SOFT 10 ¹² HARD	10 ⁶ RANDOM	141 NS
601	CDC 9760 +FIXED HEADS	MSC 1000	NO	2964	885 KB/S	20.24 MS	350	7	30 60	0.5 MB 1.0 MB	4 8 12	25 MB 50 MB 75 MB	17,290	300 TPI	5636 BPI	7 MS	32 MS	75107 75110	75107 75110	10 ¹⁰ SOFT 10 ¹² HARD	10 ⁶ RANDOM	141 NS
3640	IBM 3340-B2	IBM 3343 MRX 3643	YES	2964	885 KB/S	20.24 MS	349 699	3 7	30	0.5 MB	6 12	35 MB 70 MB	8,368			7 MS	20 MS	OV 1.7V (8T23/24)		10 ¹⁰ SOFT 10 ¹² HARD	10 ⁶ RANDOM	141 NS
3643	IBM 3340-A2	IBM 3830-2 ISC OR IFA	NO	2964	885 KB/S	20.24 MS	349 699	3 7	30	0.5 MB	6 12	35 MB 70 MB	8,368			7 MS	20 MS	OV 1.7V (8T23/24)	OV 1.7V (8T23/24)	10 ¹⁰ SOFT 10 ¹² HARD	10 ⁶ RANDOM	141 NS
3650	IBM 3350-B2	IBM 3350-A2 MRX 3653	YES	3600	1198 KB/S	16.8 MS	555	15	60	1.14 MB	30	317.5 MB PER SPINDLE	19,069	480 TPI	6350 BPI	10 MS	25 MS	OV 1.7V (8T23/24)	OV -0.6V	10 ⁹ CORRECT 10 ¹⁰ RECOVER	10 ⁶ RANDOM	104 NS
3653	IBM 3350-A2	IBM 3830-2 ISC (370 MOD 45) MRX 3674	NO	3600	1198 KB/S	16.8 MS	555	15	60	1.14 MB	30	317.5 MB PER SPINDLE	19,069	480 TPI	6350 BPI	10 MS	25 MS	OV 1.7V (8T23/24)		10 ⁹ CORRECT 10 ¹⁰ RECOVER	10 ⁶ RANDOM	104 NS
3644	IBM 3344	IBM 3343 MRX 3643	NO	2964	885 KB/S	20.2 MS	2784	15	60	1.0 MB	30	280 MB PER SPINDLE	8,368	480 TPI	5640 BPI	10 MS	25 MS	OV 1.7V		10 ⁹ CORRECT 10 ¹⁰ RECOVER	10 ⁶ RANDOM	141 NS
3652	IBM	MRX 3655	YES	3600	1198 KB/S	16.8 MS	1110	15	120	2.28 MB PER SPINDLE	30	635 MB PER SPINDLE	19069	935 TPI	6350	6 MS	22 MS	OV 1.7V (8T23/24)		10 ¹⁰ SOFT 10 ¹² HARD	10 ⁶ RANDOM	104 NS