

# PERFORMANCE COMPARISONS

## SyncSort for z/OS Release 1.3

vs.

## DFSORT for z/OS V1.10

TEST CHARACTERISTICS				TOTAL CPU TIME* (sec.)			ELAPSED TIME (sec.)		
TEST	TYPE	FILE SIZE	LRECL	DF	SS	%	DF	SS	%
1	F	10M	25	0.59	0.35	41%	1.19	1.12	6%
2	F	20M	100	0.56	0.38	32%	1.72	1.68	2%
3	V	20M	100	1.55	0.53	66%	3.22	1.77	45%
4	F	30M	50	1.37	0.71	48%	2.64	1.75	34%
5	F	40M	50	2.02	0.93	54%	4.02	3.25	19%
6	F	50M	250	1.04	0.70	33%	2.50	2.16	14%
7	V	70M	300	2.07	0.92	56%	3.91	3.40	13%
8	F	100M	250	2.10	1.29	39%	4.62	3.45	25%
9	F	100M	500	1.62	0.96	41%	4.81	3.03	37%
10	V	150M	100	15.03	3.49	77%	33.46	7.10	79%
11	F	200M	1000	2.68	1.49	44%	6.50	4.72	27%
12	F	250M	500	4.13	2.25	46%	10.43	7.23	31%
13	F	400M	200	10.59	5.24	51%	29.75	19.98	33%
14	V	500M	250	22.35	7.00	69%	48.23	16.62	66%
15	F	700M	200	19.78	9.10	54%	52.29	23.24	56%
16	F	2G	500	30.72	13.46	56%	79.30	68.68	13%
17	V	2G	6000	27.48	13.28	52%	81.67	40.73	50%
18	F	4G	400	76.46	28.86	62%	278.83	135.75	51%
19	F	10G	250	343.90	119.54	65%	843.39	395.81	53%
20	F	26G	500	713.05	181.00	75%	1639.92	741.47	55%

<b>Average Savings:</b>	<b>53%</b>	<b>35%</b>
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\*Total CPU Time= TCB+SRB+HPT+IIP+RCT

**CPU:** IBM 2096-G01  
**Operating System:** z/OS 1.10  
**DASD:** IBM DS8300

