

TEST N° : 13764

DATE : 23/01/07

MOTOR TYPE : 060800001

VOLTAGE : 240 HZ : 50

NAME :

APPLIANCE:

CM 893

AIR FLOW PERFORMANCE - $Q = 0.0019 \cdot D^2 \cdot H \cdot \text{Corr}^{0.5}$

ORIFICE	A	Win	Win Corr.	RPM	HA mmH2O	H CORR. mmH2O	Q l/sec.	Wout	EFF. %
48.0	7.18	1638	1649.0	23342	122	123	48.6	58.6	3.6
40.0	7.18	1640	1651.0	22900	242	244	47.5	113.7	6.9
30.0	7.22	1649	1660.1	22681	642	648	43.5	276.5	16.7
23.0	7.17	1642	1653.0	23003	1292	1303	36.3	463.9	28.1
19.0	7.10	1628	1638.9	23228	1814	1830	29.3	526.7	32.1
16.0	6.84	1570	1580.6	23982	2226	2245	23.0	507.7	32.1
13.0	6.44	1479	1488.9	24722	2623	2646	16.5	428.7	28.8
10.0	5.85	1354	1363.1	26070	2963	2989	10.4	304.6	22.3
6.5	5.25	1221	1229.2	27968	3256	3284	4.6	148.2	12.1
0.0	4.81	1123	1130.6	29892	3813	3846	0.0	0.0	0.0

REMARKS : MEASUREMENTS CARRIED OUT AFTER 1', WITH SEALED ORIFICE AFTER 20''
TEST CARRIED OUT WITH MOTOR ON MEASURING BOX

VOLTMETER:NORMA D5135 AMPEROMETER:NORMA D5135 WATTMETER:NORMA D5135

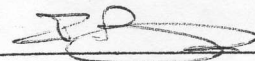
AMBIENT °C : 22 ATM.PRESS. mmHg : 755 RH % : 43

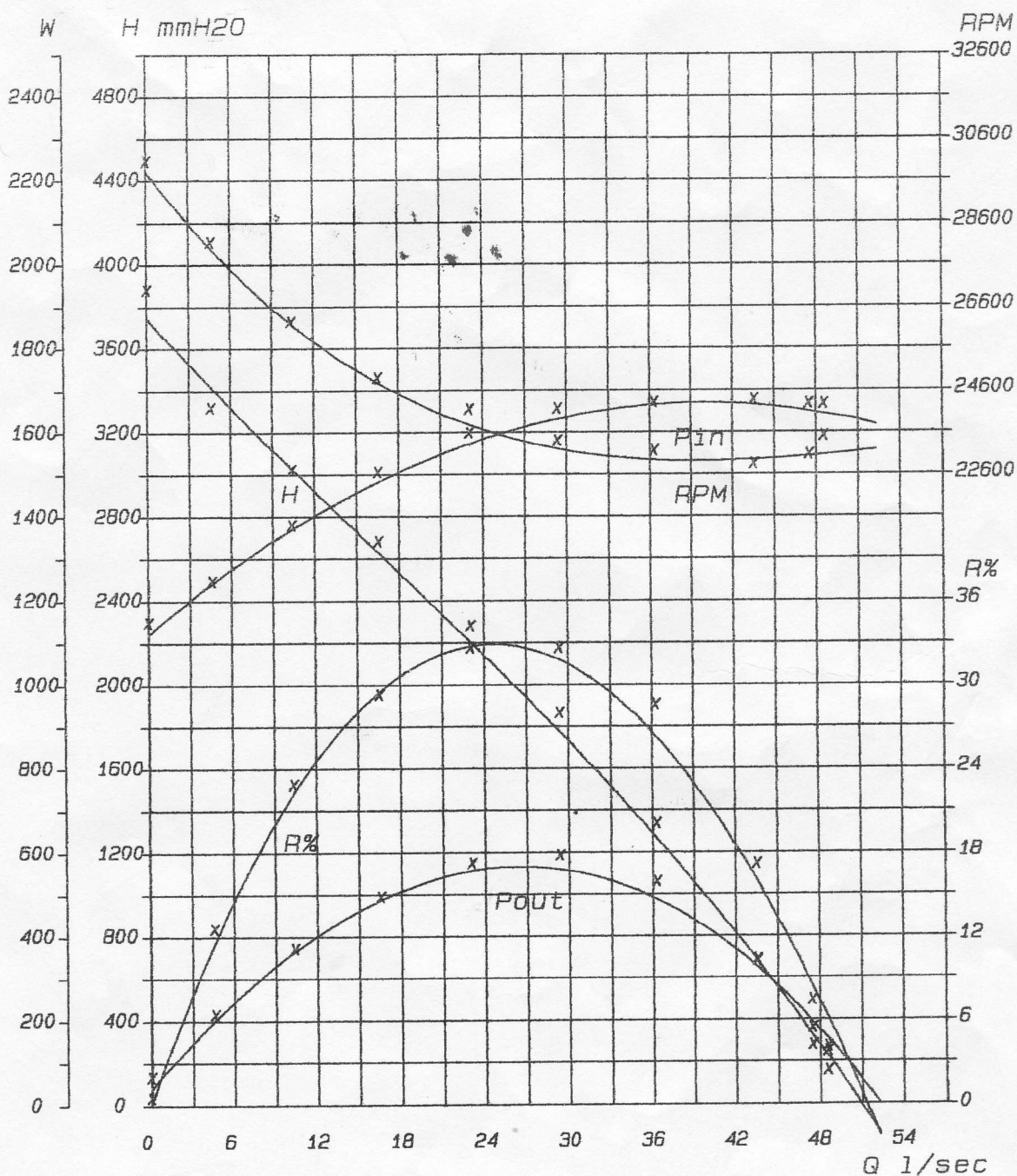
AIR DENSITY RATIO : 0.987

CORRECTION FACTORS IN TERMS OF AIR DENSITY (20°C - RH50% - 760mmHg)

WIN CORRECTION FACTOR : 1.007 DEPRESSURE CORR.FACTOR H :1.009

Sign :





OBJECT : AIR FLOW PERFORMANCE MOTOR TYPE 060800001/240V	Date : 23/01/07	
	VOLTAGE	HZ
	V 240	Hz 50
	TEST No	Dwg No
	13764	
	Signature <i>[Signature]</i>	