

# One-Stop Solutions

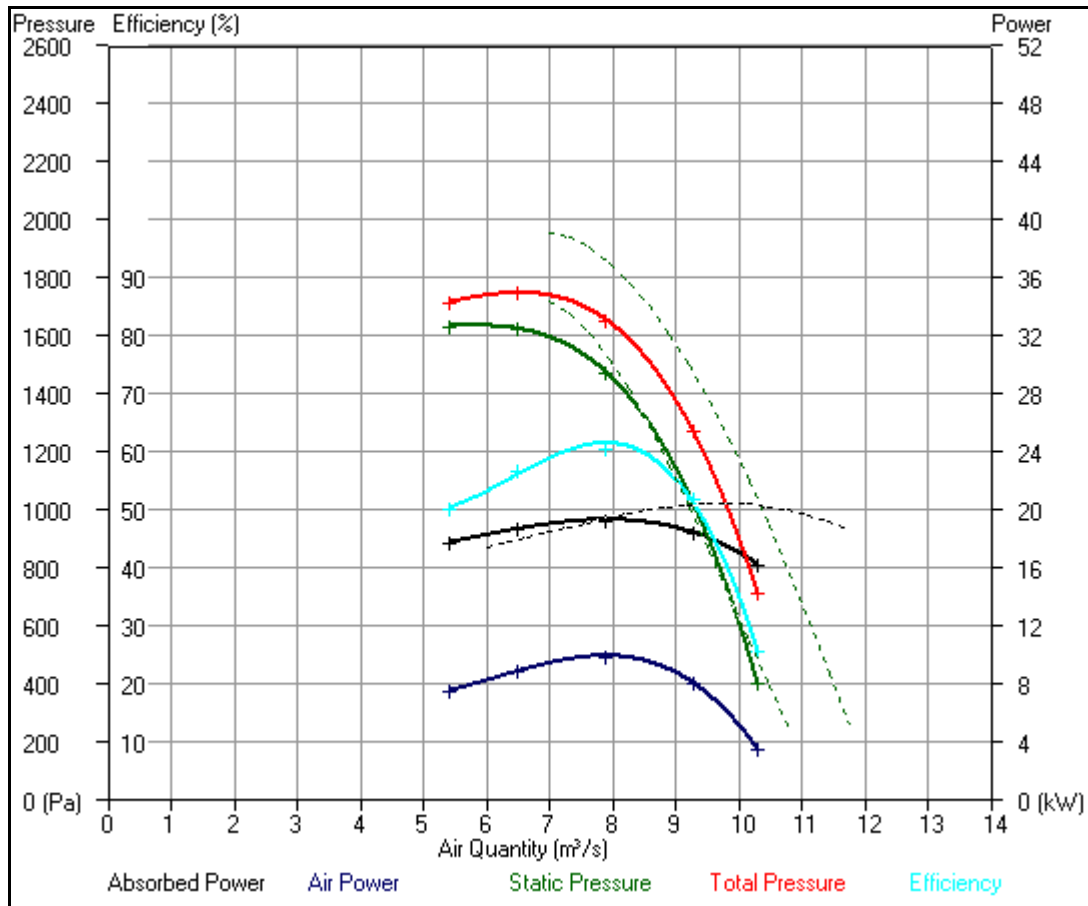
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## FAN PERFORMANCE TEST REPORT

Client: One-Stop	Speed: 2960
Fan Number: FAN22KW	Power Factor: 0.8
Test/Job No: ABC	Fan Voltage (V): 525
Date Received: 10/18/2005	Reporting Air Density (kg/m <sup>3</sup> ): 1.2
Date Tested: 10/3/2005	Barometric Pressure (kPa): 87.8
Fan Make: Donkin	Wet Bulb Temperature (°C): 17
Fan Diameter (mm): 760	Dry Bulb Temperature (°C): 31.5
Fan Power (kW): 22	Actual Air Density when tested (kg/m <sup>3</sup> ): 1.004

### PERFORMANCE CURVE



Test	Air Quantity (m³/s)	Static Pressure (Pascal)	Total Pressure (Pascal)	Motor Load (kW)	Air Power (kW)	Motor Volts (Volts)	Phase A (Amps)	Phase B (Amps)	Phase C (Amps)
1	10.315	397.877	708.426	16.153	3.434	531.219	22.578	21.472	21.785
2	9.281	1019.88	1271.25	18.356	7.919	535.721	25.316	24.397	24.472
3	7.883	1469.141	1650.513	19.188	9.69	535.158	26.685	25.311	25.634
4	6.487	1621.251	1744.079	18.554	8.8	536.471	25.583	24.557	24.738
5	5.406	1629.511	1714.795	17.666	7.37	535.955	24.376	23.266	23.721

Reference Curve used (plotted in dotted lines): ANGLOGOLD-760-22-1.2-STD