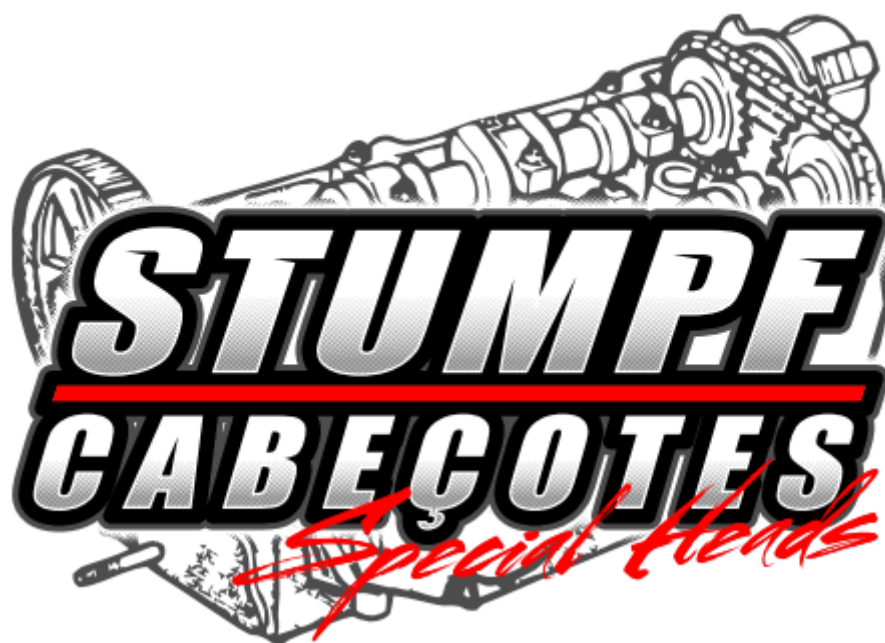




**RUBENS ODAN DA SILVA**

**ALTA TECNOLOGIA PARA O MELHOR DESEMPENHO**



## SUMÁRIO

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## TABELA COM DADOS DE FLUXO A 28"

|                                    |      |
|------------------------------------|------|
| Reporte de comparación de Flow Pro | Pg 1 |
|------------------------------------|------|

| No. | Nombre Prueba                                                                                                      | Cliente              | CFM Máximo | From CFM |
|-----|--------------------------------------------------------------------------------------------------------------------|----------------------|------------|----------|
| 1   | STUMPF CABEÇOTES<br>GRAFICO DE FLUXO - CABEÇOTE TURBO DE RUA/PISTA CRUZADO -<br>STAGE 3 - TESTE DE ADMISSÃO À 28". | RUBENS ODAN DA SILVA | 165,0      | 122,0    |
| 2   | STUMPF CABEÇOTES<br>GRAFICO DE FLUXO - CABEÇOTE TURBO DE RUA/PISTA CRUZADO -<br>STAGE 3 - TESTE DE ESCAPE À 28".   | RUBENS ODAN DA SILVA | 125,0      | 95,1     |

| Azada    | CCFM<br>No. 1 | No. 2 |
|----------|---------------|-------|
| 2,00     | 40,0          | 31,0  |
| 4,00     | 80,0          | 70,0  |
| 6,00     | 116,0         | 91,0  |
| 8,00     | 140,0         | 108,0 |
| 10,00    | 153,0         | 118,0 |
| 12,00    | 160,0         | 123,0 |
| 14,00    | 165,0         | 125,0 |
| Average: | 122,0         | 95,1  |

DADOS DE FLUXO - CABEÇOTE TURBO DE RUA/PISTA CRUZADO - STAGE 3 - RUBENS ODAN DA SILVA



## GRÁFICOS DE FLUXO A 28"

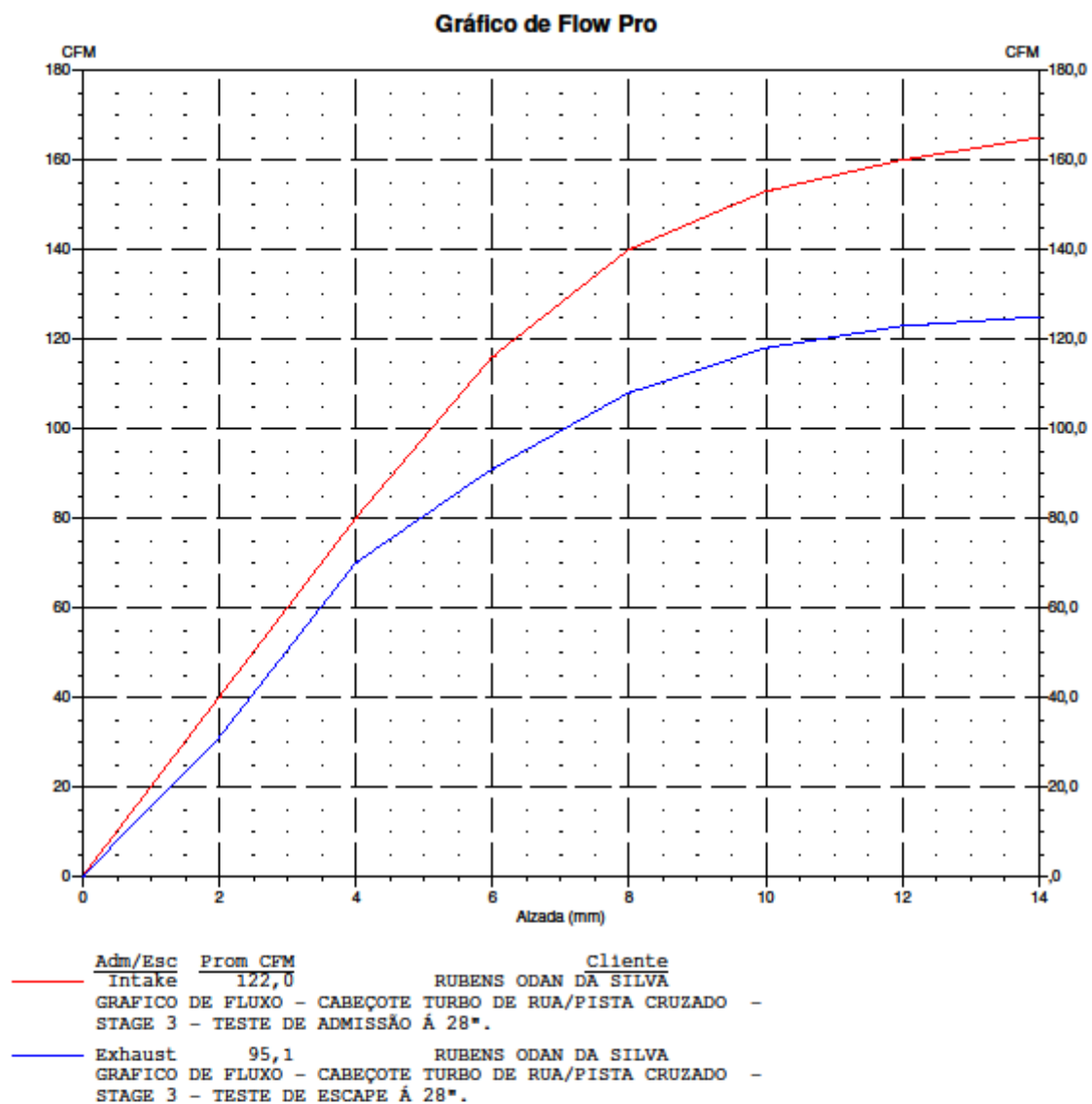


GRAFICO DE FLUXO - CABEÇOTE TURBO DE RUA/PISTA CRUZADO - STAGE 3 - RUBENS ODAN DA SILVA



## TABELA COM DADOS DO COMANDO

CAM PRO PLUS Valve Lift Report

Pg 1

C:\Cam Pro Plus\CDF\COMANDO SAMCAMS\350T.CPP

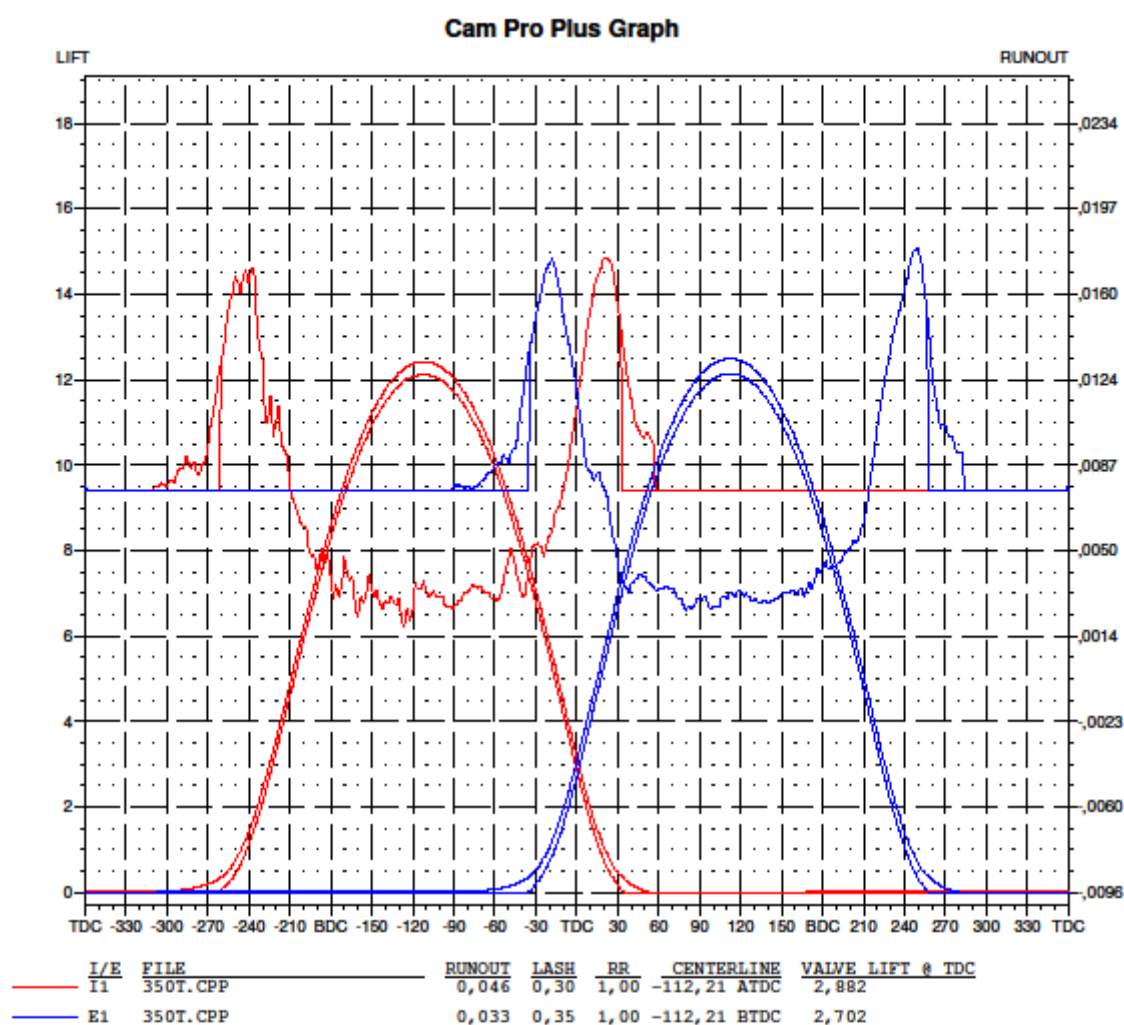
| Lobe            | I1          | LIFT    | DUR.   | OPEN            | CLOSE      | AREA   |
|-----------------|-------------|---------|--------|-----------------|------------|--------|
| Centerline      | 112,21 BTDC | 0,10    | 290,99 | 78,68 BBDC      | 32,31 ATDC | 1027,6 |
| .050 Lift C/L   | 112,18 BTDC | 0,15    | 287,82 | 76,95 BBDC      | 30,87 ATDC | 1027,3 |
| Runout          | 0,0457      | 0,51    | 272,36 | 68,67 BBDC      | 23,69 ATDC | 1024,4 |
| Peak Open Acc.  | 0,01370     | 1,27    | 252,31 | 58,21 BBDC      | 14,10 ATDC | 1015,2 |
| Peak Nose Acc.  | -0,00836    | 2,54    | 229,01 | 46,29 BBDC      | 2,72 ATDC  | 991,9  |
| Peak Close Acc. | 0,01430     | 3,81    | 208,96 | 35,99 BBDC      | 7,03 BTDC  | 958,9  |
| Lift @ TDC      | 2,882       | 5,08    | 189,76 | 26,29 BBDC      | 16,53 BTDC | 914,9  |
| Valve Lash      | 0,300       | 6,35    | 170,11 | 16,43 BBDC      | 26,31 BTDC | 857,4  |
| Rocker Ratio    | 1,00        | 7,62    | 149,10 | 5,94 BBDC       | 36,84 BTDC | 782,7  |
| Lobe Separation | -----       | 8,89    | 125,51 | 5,69 ABDC       | 48,81 BTDC | 683,9  |
|                 |             | 11,43   | 57,95  | 39,15 ABDC      | 82,90 BTDC | 333,2  |
|                 |             | 12,4223 | ---    | PEAK CAM LIFT   | ---        |        |
|                 |             | 12,1223 | ---    | PEAK VALVE LIFT | ---        |        |

C:\Cam Pro Plus\CDF\COMANDO SAMCAMS\350T.CPP

| Lobe            | E1          | LIFT    | DUR.   | OPEN            | CLOSE      | AREA   |
|-----------------|-------------|---------|--------|-----------------|------------|--------|
| Centerline      | 112,21 ATDC | 0,10    | 287,61 | 32,31 BTDC      | 75,30 ABDC | 1026,2 |
| .050 Lift C/L   | 112,39 ATDC | 0,15    | 284,72 | 30,78 BTDC      | 73,95 ABDC | 1026,0 |
| Runout          | 0,0330      | 0,51    | 270,45 | 23,11 BTDC      | 67,33 ABDC | 1023,7 |
| Peak Open Acc.  | 0,01423     | 1,27    | 251,10 | 13,05 BTDC      | 58,05 ABDC | 1014,1 |
| Peak Nose Acc.  | -0,00728    | 2,54    | 227,99 | 1,32 BTDC       | 46,67 ABDC | 993,7  |
| Peak Close Acc. | 0,01485     | 3,81    | 208,36 | 8,63 ATDC       | 36,99 ABDC | 962,6  |
| Lift @ TDC      | 2,702       | 5,08    | 189,36 | 18,29 ATDC      | 27,65 ABDC | 920,4  |
| Valve Lash      | 0,350       | 6,35    | 170,02 | 27,86 ATDC      | 17,88 ABDC | 865,1  |
| Rocker Ratio    | 1,00        | 7,62    | 149,25 | 38,11 ATDC      | 7,36 ABDC  | 792,4  |
| Lobe Separation | -----       | 8,89    | 125,84 | 49,77 ATDC      | 4,39 BBDC  | 695,6  |
|                 |             | 11,43   | 59,01  | 82,99 ATDC      | 38,01 BBDC | 351,3  |
|                 |             | 12,4980 | ---    | PEAK CAM LIFT   | ---        |        |
|                 |             | 12,1480 | ---    | PEAK VALVE LIFT | ---        |        |



## GRÁFICOS DO COMANDO



# CHECK LIST

**CLIENTE:** RUBENS ODAN DA SILVA – OS 8561

**VISTORIA:** OSNI

| <b>FOLGA<br/>VÁLVS.</b> | <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> |
|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>ADM</b>              | 0,30     | 0,30     | 0,30     | 0,30     | -        | -        | -        | -        |
| <b>ESC</b>              | 0,35     | 0,35     | 0,35     | 0,35     | -        | -        | -        | -        |

| <b>CARGA<br/>MOLAS</b> | <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> |
|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>ADM</b>             | 112/260  | 112/260  | 112/260  | 112/260  | -        | -        | -        | -        |
| <b>ESC</b>             | 112/260  | 112/260  | 112/260  | 112/260  | -        | -        | -        | -        |

| <b>VED.<br/>SEDES</b> | <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>ADM</b>            | ✓        | ✓        | ✓        | ✓        | -        | -        | -        | -        |
| <b>ESC</b>            | ✓        | ✓        | ✓        | ✓        | -        | -        | -        | -        |

**OBS:**      **VEDAÇÃO OK**

**VOLUME CAMARA: 33,2 CC**

