

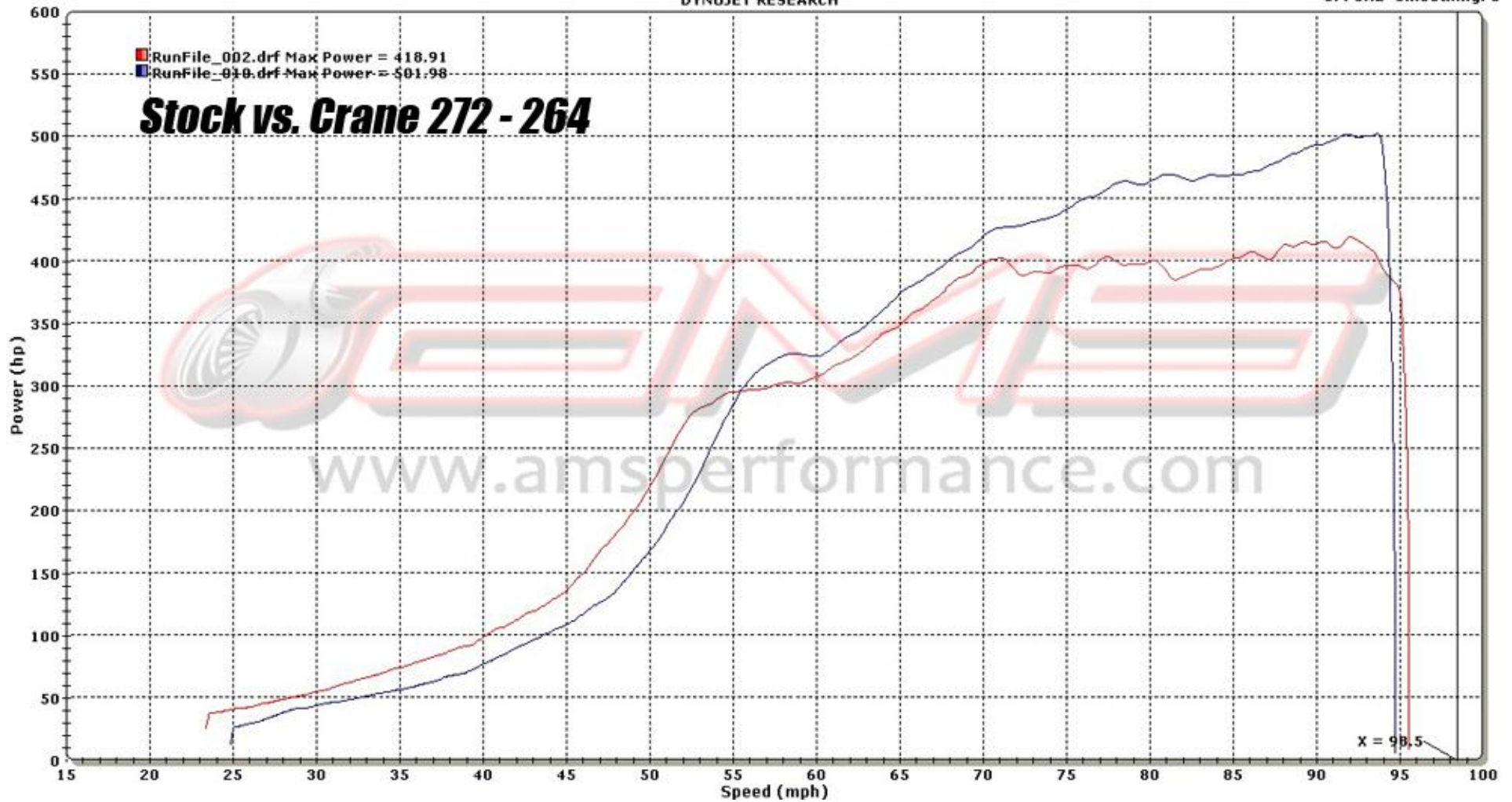
**HKS 272**

|                     |                           |
|---------------------|---------------------------|
| Advertised Duration | 272 deg                   |
| Effective Duration  | 214 deg @ 1mm             |
| Lift                | 10.8mm Int / 10.2mm Exh   |
| Lobe Centerlines    | 110 deg Int / 110 deg Exh |
| LSA                 | 110 deg                   |
| Adv Overlap         | 52 deg                    |
| Eff Overlap         | 0 deg                     |
| Eff Int Close       | 37 ATDC                   |



**Tomei Procam**

- Advertised Duration 280 deg
- Effective Duration \_\_\_ deg @ 1mm
- Lift 11.5mm Int / 11.5mm Exh
- Lobe Centerlines 110 deg Int / 115 deg Exh
- LSA 112.5 deg
- Adv Overlap 55 deg
- Eff Overlap \_\_\_ deg
- Eff Int Close \_\_\_ ATDC



### Crane 264-272

Advertised Duration 272 deg Int / 264 Exh  
 Effective Duration 232 deg @ 0.050" / 224 deg @ 0.050"  
 Lift 12.3mm Int / 11.7mm Exh  
 Lobe Centerlines 96 deg Int / 116 deg Exh  
 LSA 106 deg  
 Adv Overlap 56 deg  
 Eff Overlap 12 deg  
 Eff Int Close 32 ATDC



### Brian Crower 272

|                     |  |
|---------------------|--|
| Advertised Duration | 272 deg Int / 272 deg Exh                  |
| Effective Duration  | 206 deg @ 0.050" Int / 206 deg @0.050" Exh |
| Lift                | 10.54mm Int / 9.86mm Exh                   |
| Lobe Centerlines    | 106 deg Int / 106 deg Exh                  |
| LSA                 | 106 deg                                    |
| Adv Overlap         | 60 deg                                     |
| Eff Overlap         | 0 deg                                      |
| Eff Int Close       | 29 ATDC                                    |



### Brian Crower 280

|                     |  |
|---------------------|--|
| Advertised Duration | 280 deg Int / 280 deg Exh                  |
| Effective Duration  | 218 deg @ 0.050" Int / 216 deg @0.050" Exh |
| Lift                | 10.8mm Int / 10.36mm Exh                   |
| Lobe Centerlines    | 106 deg Int / 106 deg Exh                  |
| LSA                 | 106 deg                                    |
| Adv Overlap         | 68 deg                                     |
| Eff Overlap         | 5 deg                                      |
| Eff Int Close       | 35 ATDC                                    |

**GSC S2**

Advertised Duration 274/272 deg  
 Effective Duration 232 deg @ 1mm  
 Lift 11.2mm Int / 11.0mm Exh  
 Lobe Centerlines 107 deg Int / 113 deg Exh  
 LSA 110 deg  
 Adv Overlap 53 deg  
 Eff Overlap 12 deg  
 Eff Int Close 45 ATDC

**GSC S3**

Advertised Duration 280/280 deg  
 Effective Duration 238 deg @ 1mm  
 Lift 11.5mm Int / 11.5mm Exh  
 Lobe Centerlines 108 deg Int / 116 deg Exh  
 LSA 111 deg  
 Adv Overlap 58 deg  
 Eff Overlap 16 deg  
 Eff Int Close 47 ATDC

**FP 4R**

Advertised Duration 267 deg Int / 275 Exh  
 Effective Duration 221 deg @ 0.050" / 228 deg @ 0.050"  
 Lift 11.1mm Int / 10.9mm Exh  
 Lobe Centerlines 108 deg Int / 113 deg Exh  
 LSA 110.5 deg  
 Adv Overlap 50 deg  
 Eff Overlap 3.5 deg  
 Eff Int Close 38.5 ATDC



**FP 5R**

|                     |                                     |
|---------------------|-------------------------------------|
| Advertised Duration | 279 deg Int / 285 Exh               |
| Effective Duration  | 233 deg @ 0.050" / 238 deg @ 0.050" |
| Lift                | 12.1mm Int / 11.8mm Exh             |
| Lobe Centerlines    | 110 deg Int / 114 deg Exh           |
| LSA                 | 112 deg                             |
| Adv Overlap         | 58 deg                              |
| Eff Overlap         | 11.5 deg                            |
| Eff Int Close       | 46.5 ATDC                           |



### Kelford 272

|                     |                           |
|---------------------|---------------------------|
| Advertised Duration | 272 deg                   |
| Effective Duration  | 226 deg @ 1mm             |
| Lift                | 11.0mm                    |
| Lobe Centerlines:   | 107 deg Int / 113 deg Exh |
| LSA                 | 110 deg                   |
| Adv Overlap         | 49 deg                    |
| Eff Overlap         | 6 deg                     |
| Eff Int Close       | 40 ATDC                   |