

| Cam     | Outers     |             |            |             | Inners     |             |            |             | Durations   |             |             |             | LCA (Crank Deg) |             |             |             | LSA (Cam Deg) |       |
|---------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-----------------|-------------|-------------|-------------|---------------|-------|
|         | In<br>Open | In<br>Close | Ex<br>Open | Ex<br>Close | In<br>Open | In<br>Close | Ex<br>Open | Ex<br>Close | Outer<br>In | Inner<br>In | Outer<br>Ex | Inner<br>Ex | Outer<br>In     | Inner<br>In | Outer<br>Ex | Inner<br>Ex | Outer         | Inner |
|         | 41         | 69          | 73         | 37          | 47         | 63          | 78         | 42          | 290         | 290         | 290         | 300         | 104             | 98          | 108         | 108         | 106           | 103   |
|         | 26         | 54          | 58         | 22          | 29         | 51          | 64         | 26          | 260         | 260         | 260         | 270         | 104             | 101         | 108         | 109         | 106           | 105   |
|         | 29         | 61          | 65         | 25          | 34         | 56          | 69         | 31          | 270         | 270         | 270         | 280         | 106             | 101         | 110         | 109         | 108           | 105   |
|         | 34         | 66          | 70         | 30          | 40         | 60          | 73         | 37          | 280         | 280         | 280         | 290         | 106             | 100         | 110         | 108         | 108           | 104   |
| MD274SP | 12         | 56          | 65         | 29          | 16         | 52          | 71         | 23          | 248         | 248         | 274         | 274         | 112             | 108         | 108         | 114         | 110           | 111   |