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F11-010-MB-CV-K-000-0000-0T

F11-010



Pump & Motor Division Europe

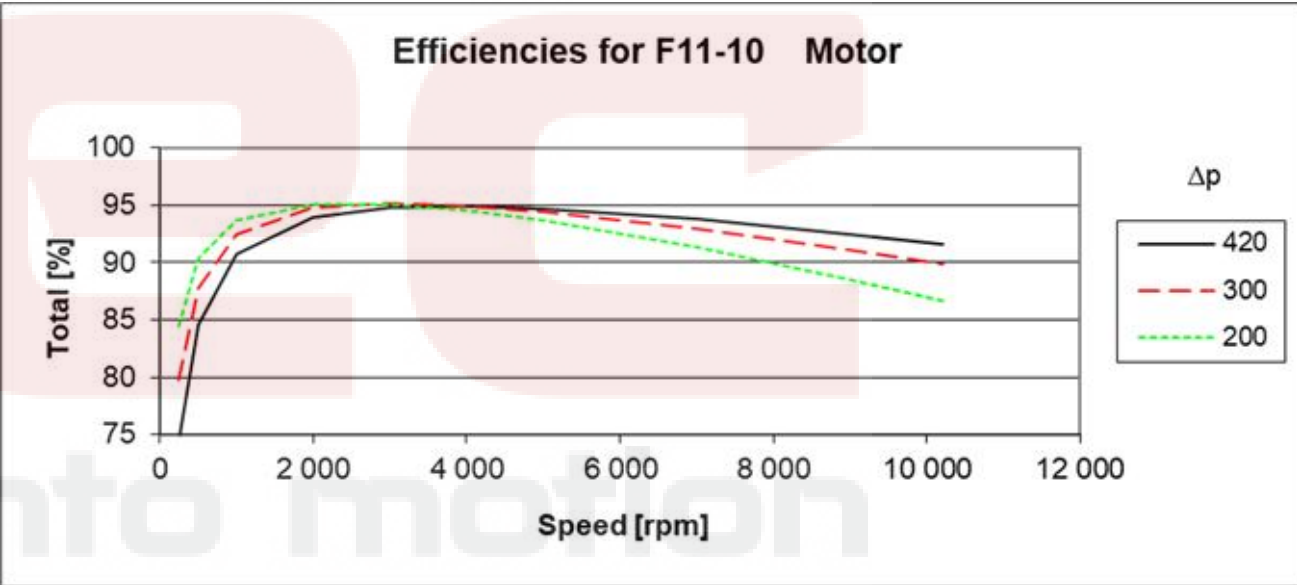
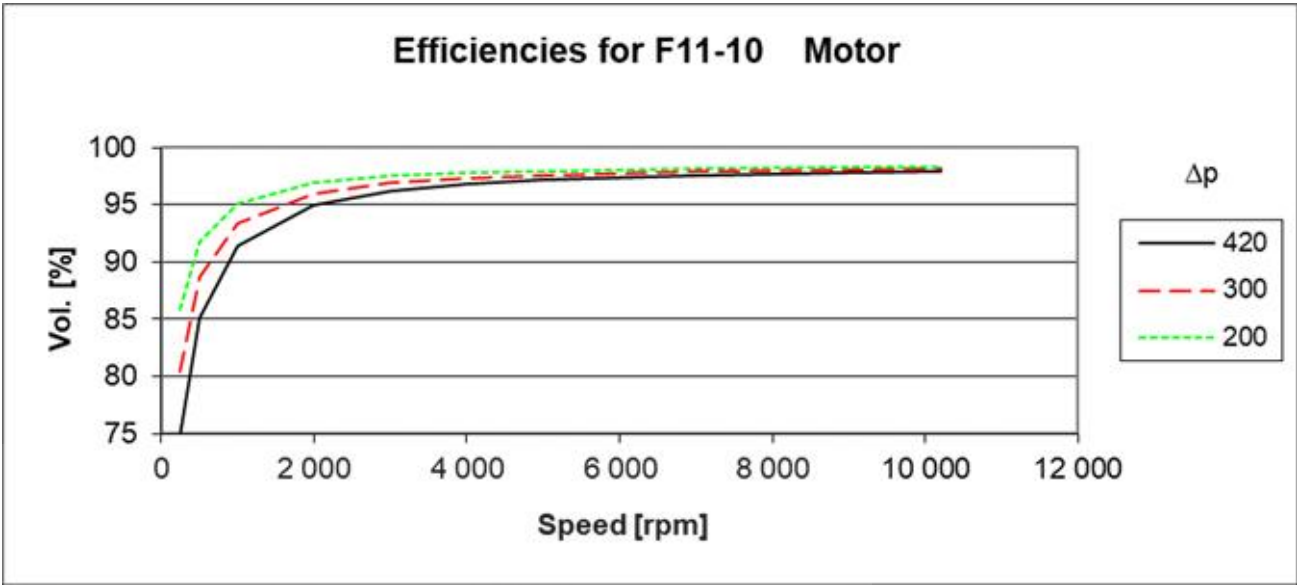
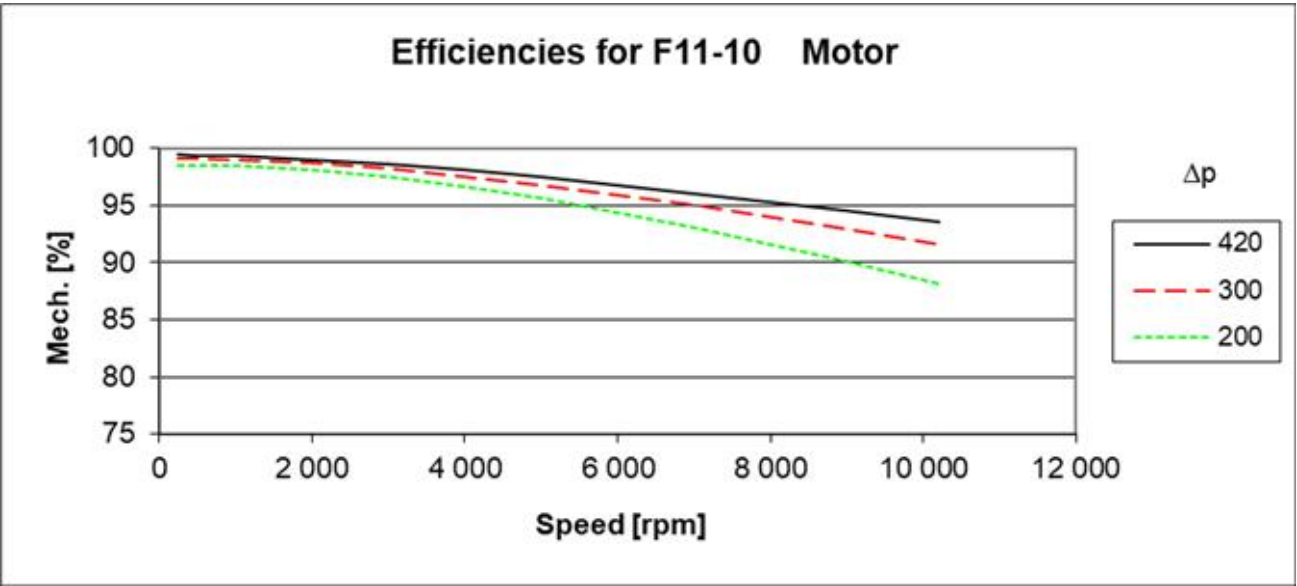


F11 Motor



F12 Motor

|              |              |              |
|--------------|--------------|--------------|
| F11-10       | Motor        |              |
| Displacement | 9.8 cc/rev   |              |
| Max speed    | 11200 rpm    | Intermittent |
| Max speed    | 10200 rpm    | Continuously |
| Max pressure | 420 bar      | Intermittent |
| Max pressure | 350 bar      | Continuously |
| Max Torque   | 64.9 Nm      |              |
| Torque       | 0.156 Nm/bar |              |
| Max Flow     | 102.0 Lpm    |              |
| Max Power    | 63.5 kW      |              |



| Rpm | 250   |      |     | 500   |      |     | 1000  |      |     | 2000  |      |      | 3000  |      |      | 4000  |      |      | 5000  |      |      | 7000  |      |      | 9000  |      |      | 10200 |      |      |
|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|
| Bar | l/min | Nm   | kW  | l/min | Nm   | kW  | l/min | Nm   | kW  | l/min | Nm   | kW   | l/min | Nm   | kW   | l/min | Nm   | kW   | l/min | Nm   | kW   | l/min | Nm   | kW   | l/min | Nm   | kW   | l/min | Nm   | kW   |
| 50  | 2.6   | 7.2  | 0.2 | 5.1   | 7.2  | 0.4 | 10.0  | 7.3  | 0.7 | 20.0  | 7.3  | 1.5  | 29.9  | 7.1  | 2.2  | 39.8  | 6.9  | 2.9  | 49.7  | 6.6  | 3.4  | 69.6  | 5.9  | 4.3  | 89.5  | 5.0  | 4.7  | 101.4 | 3.9  | 4.2  |
| 100 | 2.7   | 15.0 | 0.4 | 5.1   | 15.0 | 0.8 | 10.1  | 15.1 | 1.5 | 20.0  | 15.0 | 3.1  | 30.0  | 14.9 | 4.6  | 39.9  | 14.6 | 6.0  | 49.8  | 14.3 | 7.4  | 69.7  | 13.6 | 9.8  | 89.5  | 12.7 | 11.8 | 101.4 | 11.6 | 12.2 |
| 150 | 2.8   | 22.8 | 0.5 | 5.2   | 22.8 | 1.1 | 10.2  | 22.8 | 2.3 | 20.1  | 22.8 | 4.7  | 30.1  | 22.6 | 7.0  | 40.0  | 22.3 | 9.2  | 49.9  | 22.0 | 11.4 | 69.8  | 21.3 | 15.4 | 89.6  | 20.3 | 18.9 | 101.5 | 19.2 | 20.3 |
| 200 | 2.9   | 30.6 | 0.7 | 5.3   | 30.6 | 1.5 | 10.3  | 30.6 | 3.1 | 20.2  | 30.5 | 6.2  | 30.2  | 30.3 | 9.3  | 40.1  | 30.1 | 12.3 | 50.0  | 29.7 | 15.3 | 69.9  | 28.9 | 20.9 | 89.7  | 28.0 | 26.0 | 101.6 | 26.9 | 28.3 |
| 250 | 2.9   | 38.4 | 0.8 | 5.4   | 38.4 | 1.8 | 10.4  | 38.4 | 3.8 | 20.3  | 38.3 | 7.8  | 30.3  | 38.1 | 11.7 | 40.2  | 37.8 | 15.5 | 50.1  | 37.4 | 19.2 | 70.0  | 36.6 | 26.4 | 89.8  | 35.7 | 33.1 | 101.7 | 34.5 | 36.4 |
| 300 | 3.0   | 46.2 | 1.0 | 5.5   | 46.2 | 2.2 | 10.5  | 46.2 | 4.5 | 20.4  | 46.1 | 9.3  | 30.4  | 45.8 | 14.0 | 40.3  | 45.5 | 18.6 | 50.2  | 45.2 | 23.1 | 70.1  | 44.3 | 31.9 | 89.9  | 43.3 | 40.2 | 101.8 | 42.2 | 44.4 |
| 350 | 3.1   | 54.0 | 1.1 | 5.6   | 54.0 | 2.5 | 10.6  | 54.0 | 5.2 | 20.5  | 53.8 | 10.8 | 30.4  | 53.6 | 16.3 | 40.4  | 53.2 | 27.7 | 50.3  | 52.9 | 27.0 | 70.2  | 52.0 | 37.4 | 90.0  | 51.0 | 47.2 | 101.9 | 49.8 | 52.4 |
| 420 | 3.3   | 64.9 | 1.3 | 5.8   | 64.9 | 2.9 | 10.7  | 64.9 | 6.2 | 20.7  | 64.7 | 12.9 | 30.6  | 64.4 | 19.5 | 40.5  | 64.1 | 26.0 | 50.4  | 63.7 | 32.5 | 70.3  | 62.8 | 45.0 | 90.2  | 61.7 | 57.1 | 102.0 | 60.5 | 63.5 |

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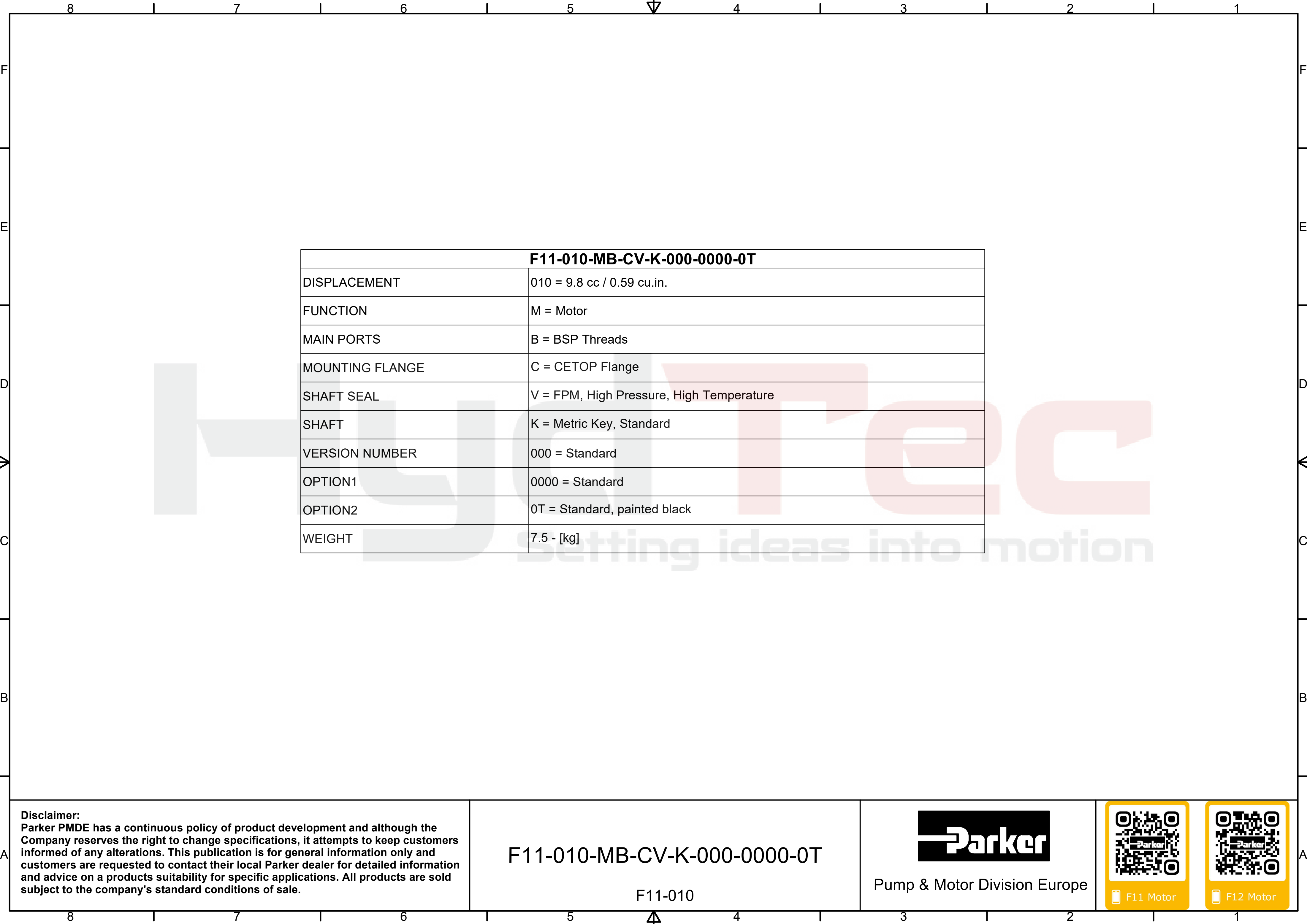
Pump & Motor Division Europe



F11 Motor



F12 Motor



| F11-010-MB-CV-K-000-0000-0T |  |
|-----------------------------|--|
| DISPLACEMENT                | 010 = 9.8 cc / 0.59 cu.in.               |
| FUNCTION                    | M = Motor                                |
| MAIN PORTS                  | B = BSP Threads                          |
| MOUNTING FLANGE             | C = CETOP Flange                         |
| SHAFT SEAL                  | V = FPM, High Pressure, High Temperature |
| SHAFT                       | K = Metric Key, Standard                 |
| VERSION NUMBER              | 000 = Standard                           |
| OPTION1                     | 0000 = Standard                          |
| OPTION2                     | 0T = Standard, painted black             |
| WEIGHT                      | 7.5 - [kg]                               |

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