

| Nozzle loads N13a of FA 202 | | | Sustained case loads | | | | Operation case loads | | | | |
|-----------------------------|----|------|----------------------|--------|----------------|--------|----------------------|--------|----------------|--------|--------|
| Allowable loads | | | with spring | | without spring | | with spring | | without spring | | |
| | | | | %age | | %age | | %age | | %age | |
| DN | FX | KN | 24 | -0.028 | -0.12 | -0.037 | -0.15 | -0.107 | -0.45 | -0.108 | -0.45 |
| | FY | KN | 25.2 | 7.156 | 28.40 | -3.466 | -13.75 | 3.443 | 13.66 | -5.147 | -20.42 |
| | FZ | KN | 25.2 | 0.315 | 1.25 | -0.32 | -1.27 | 0.797 | 3.16 | 0.799 | 3.17 |
| | Mx | KN.m | 41.68 | 1.37 | 3.29 | 5.567 | 13.36 | 4.993 | 11.98 | 8.399 | 20.15 |
| | My | KN.m | 25.92 | -0.873 | -3.37 | -0.901 | -3.48 | -2.544 | -9.81 | -2.551 | -9.84 |
| | Mz | KN.m | 32.64 | -1.039 | -3.18 | -1.002 | -3.07 | -7.815 | -23.94 | -7.793 | -23.88 |

| Nozzle loads 72a of EA102 | | | Sustained case loads | | | | Operation case loads | | | | |
|---------------------------|----|-----|----------------------|------|----------------|---------|----------------------|-------|----------------|----------|--------|
| Allowable loads | | | with spring | | without spring | | with spring | | without spring | | |
| Data assumed | | | | %age | | %age | | %age | | %age | |
| DN | FX | N | 12000 | 98 | 0.82 | 97.32 | 0.81 | 57 | 0.48 | 58.51 | 0.49 |
| | FY | N | 12600 | -906 | -7.19 | -900.51 | -7.15 | -1877 | -14.90 | -1874.13 | -14.87 |
| | FZ | N | 12600 | 31 | 0.25 | 29.4 | 0.23 | -3103 | -24.63 | -3108.73 | -24.67 |
| | Mx | N.m | 20840 | 16 | 0.08 | 14.05 | 0.07 | 1658 | 7.96 | 1658.18 | 7.96 |
| | My | N.m | 12960 | 8 | 0.06 | 8.92 | 0.07 | 978 | 7.55 | 981.9 | 7.58 |
| | Mz | N.m | 16320 | -445 | -2.73 | -445.54 | -2.73 | -2077 | -12.73 | -2072.39 | -12.70 |

