

NAUTEC valve product lines

We use the same high-quality components for all our valves, regardless of which product line (SPORT- / PRO- or DARKLine). Upper and lower spindle, as well as all O-rings are suitable for air (Air), oxygen enriched air (Nitrox) and pure oxygen (Oxy). Externally, the valves are distinguished by two different, high-quality handwheels and the chrome plating.



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|---|------------------------|------------------------|------------------------|
| Oval ABS Handwheel | ✓ | ✗ | ✗ |
| NAUTEC Metal-Core-Rubber Knob | ✗ | ✓ | ✓ |
| NAUTEC Upper spindle | ✓ | ✓ | ✓ |
| NAUTEC Lower spindle hexagonal | ✓ | ✓ | ✓ |
| Brass- alloy chrome plated | ✓ | ✓ | ✗ |
| Brass- black chrome plated | ✗ | ✗ | ✓ |
| O-ring material FKM green | ✓ | ✓ | ✓ |
| Oxygen-compatibility | 100% | 100% | 100% |
| BAM-Hydraulic pressure test 675 bar* | requirements fulfilled | requirements fulfilled | requirements fulfilled |
| BAM-Material tests* | requirements fulfilled | requirements fulfilled | requirements fulfilled |
| BAM-Endurance test (2000 cycles opening and closing with 4,6 Nm and 360 bar)* | requirements fulfilled | requirements fulfilled | requirements fulfilled |
| BAM-Determination of mechanics resistance to excessive torque* | requirements fulfilled | requirements fulfilled | requirements fulfilled |
| BAM-mechanical impact test* | requirements fulfilled | requirements fulfilled | requirements fulfilled |
| BAM-Oxygen pressure surge test 360 bar* at 60° C* | requirements fulfilled | requirements fulfilled | requirements fulfilled |
| BAM-Fire exposure test for valve operating mechanism* | requirements fulfilled | requirements fulfilled | requirements fulfilled |
| BAM-Verification valve marking* | requirements fulfilled | requirements fulfilled | requirements fulfilled |
| BAM-test report | ✓ | ✓ | ✓ |