

REGULATOR

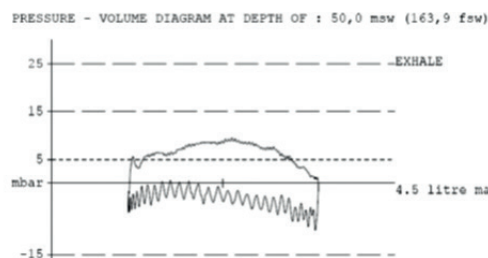
TITAN

RELEASE DATE: JANUARY 2017



Breathing Performance

Optimal breathing work $W = 1$ J/Litre, with a 62.5 l/min (2.21 cubic feet/min) breathing cycle, at a depth of 50 m (164 ft) and with 50 bar working pressure.



FEATURES

1st stage

| | |
|----------------------------------|---|
| 1 st stage technology | Diaphragm, balanced |
| Mechanism | T-shaped |
| Wet/dry chamber | Wet chamber |
| Maximum working pressure | 300 bar on DIN version 232 bar on yoke version |
| ACD system | No |
| Number of HP ports | 2 (7/16" UNF) |
| Number of MP ports | 4 (3/8" UNF) |
| Average pressure | 9,5 bar \pm 0,5 bar |
| Airflow (surface, hose) | 1450 l/min (51,2 cubic feet/min) with HP = 200 bar |
| Body | Brass with multi-layer chrome |
| Bodu protection | Polyurethane |
| Insert seat, spring | Stainless steel |
| Conical filter | Nickel-plated bronze |
| O-Rings | EPDM |

2nd stage

| | |
|---|---------------------|
| 2 nd stage technology | Diaphragm, balanced |
| Mechanism | Downstream valve |
| Cracking effort | 2,5 à 4 mbar |
| Venturi effect adjustment | Yes |
| Housing, exhaust diffuser, venturi switch | ABS |
| Cover | Polyurethane |
| Mouthpiece, exhaust valve, diaphragm | Silicone |
| Valve | Polyurethane |
| Adjustable seat | Stainless steel |

Weight

| | In grams | In pounds |
|---------|----------|-----------|
| Yoke | 1005 | 2,21 |
| DIN | 775 | 1,71 |
| Yoke HP | 690 | 1,52 |
| DIN HP | 460 | 1,01 |
| LP | 175 | 0,38 |

Hose

Thermoplastic hose
Length: black = 730 mm (2,39 ft)

Certification

Certification EN250A for water > 10°C (50°F)

Nitrox Compatibility

40 % O₂ max. on yoke or DIN version outside EU

Contents

| | |
|--------------------|--------------------------------|
| Regulator box | Titan + instructions |
| Regulator pack box | Titan + Octopus + instructions |

Packaging

| | In centimetres (l x h x p) | In inches (l x h x p) |
|--------------------|-------------------------------|--------------------------|
| Regulator box | 35 x 9,5 x 18 | 13,8 x 3,5 x 7,1 |
| Regulator pack box | 35 x 11 x 23,5 | 13,8 x 4,3 x 9,0 |

PRODUCT BENEFITS

1st stage

Polyurethane exhaust diffuser

Protects metal parts from impacts.

MP and HP ports

MP and HP ports perfectly positioned enabling ideal orientation of the hoses.

Open yoke valve

Avoids water retention.

2nd stage

Comfobite mouthpiece

Mouthpiece with bridge that fits across the upper palate (patented system): reduces jaw fatigue.

Removable and reusable collar

Change mouthpieces quickly without any tools required.

Easy maintenance

- Few components
- Quick access, without tools, to the exhaust valve thanks to the clipped exhaust diffuser and to the interior of the 2nd stage due to the flexible cover.

Venturi effect adjustment switch

- Venturi in line for increased efficiency
- Ergonomic venturi switch: easy handling even when wearing gloves, efficient and innovative
- Easy-to-understand indications to help use the venturi switch

Polyurethane cover

- High resistance to abrasion and ripping, easy regulator air release.
- Easy regulator purging
- Protects second stage against impacts
- Optimised vent geometry to reduce the effort required to breathe in.

Exhaust diffuser

Discharges bubbles to reduce noise and protect the exhaust valve.

PRODUCT REFERENCES, ACCESSORIES & KITS

| | | | | | | | |
|---------------------------------------|--------|-----|---------------|--|--------|-----|---------------|
| Titan | 125460 | EAN | 3661667087659 | LP non-balanced maintenance kit | 128018 | EAN | 3661666345057 |
| | | UPC | 555000084401 | | | UPC | 888183197997 |
| Titan DIN 300B | 125470 | EAN | 3661667087666 | Titan/Titan LX HP (former version) maintenance kit | 128002 | EAN | 3661666008099 |
| | | UPC | 555000084418 | | | | |
| Titan Pack | 125480 | EAN | 3661667087680 | Post-2012 Titan yoke/DIN Mikron non-ACD conversion kit | 129022 | EAN | 3661666107297 |
| | | UPC | 555000084432 | | | UPC | 846713065406 |
| Titan DIN 300B Pack | 125490 | EAN | 3661667087697 | 2010-2012 Titan yoke/DIN non-ACD conversion kit | 128545 | EAN | 3661666026338 |
| | | UPC | 555000084449 | | | | |
| LP Titan | 125465 | EAN | 3661667087673 | Pre-2010 Titan yoke/DIN conversion kit | 128012 | EAN | 3661666008310 |
| | | UPC | 555000084425 | | | | |
| MP 3/8" black 0,70m hose | 124563 | EAN | 3661666008549 | Titan dry chamber conversion kit | 128555 | EAN | 3661666028073 |
| HP Balanced diaphragm maintenance kit | 128016 | EAN | 3661666345033 | Dry chamber (former Titan, Supra, Cousteau) conversion kit | 122810 | EAN | 3661666008334 |
| | | UPC | 888183197973 | | | | |