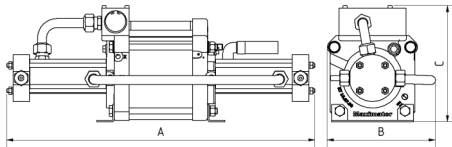
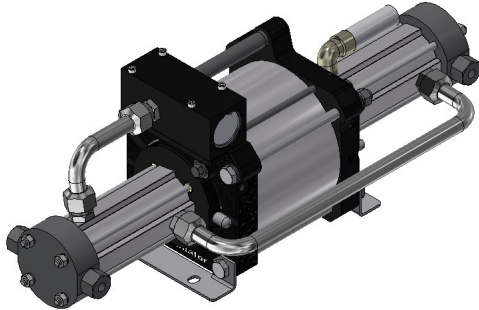


MAXIMATOR® US

MAXPRO Technologies

Technical Data Sheet

Gas booster DLE 30



DLE 30
double acting, single air drive head
single stage

Technical Data:

| | |
|------------------------------------|---|
| Air drive pressure pL: | 1 - 10 bar / 14.5 - 145 psi |
| Pressure ratio i: | 1:30 |
| Compression ratio: | 1:20 |
| Minimum suction pressure pA: | 15 bar / 220 psi |
| Maximum suction pressure pA: | 600 bar / 8700 psi |
| Maximum outlet pressure pB: | 600 bar / 8700 psi |
| Displacement volume/double stroke: | 120 cm ³ 7.3 in ³ |
| Maximum cycles: | 120 / min |
| Stall pressure: | $P_{out} = (30 \cdot PL) + P_a$ |

Standard Connections:

| | |
|--------------------------------|--------------------------|
| Air drive: | 1/2" NPT |
| DLE 30 (-NN): | Inlet / Outlet: 1/4" NPT |
| Maximum operating temperature: | 100°C / 212°F |
| Net weight: | 19.4 kg / 40 lbs |

Pressure and flow performances, please see enclosed graph.

Materials of construction hp section DLE 30:

| | |
|------------------------|-----------|
| Standard seal package: | PTFE, FKM |
| Compressor head: | 1.4404 |
| HP cylinder: | 1.4542 |
| HP piston: | 1.4305 |
| Fittings: | 1.4404 |
| Balls: | 1.4034 |
| Springs: | 1.4310 |

Approximate Dimensions:

| | |
|----|------------------|
| A: | 619 mm / 24.3 in |
| B: | 217 mm / 8.54 in |
| C: | 233 mm / 9.25 in |

Available Options:

| | |
|-------------------------------|---------------|
| Inert gas service (standard): | DLE 30-NN-M |
| Oxygen service: | DLE 30-NN-S-M |
| CO ₂ service: | DLE 30-NN-C-M |
| In-/Outlet: 9/16-18 UNF | DLE 30-UU-M |

Available Accessories:

| | |
|--|-----------------|
| Air control units with filter pressure regulator, control pressure gauge and shut off valve: | DLE 30 with ACP |
|--|-----------------|

Please consult factory for more information. All technical and dimensional information subject to change. All General Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.

