

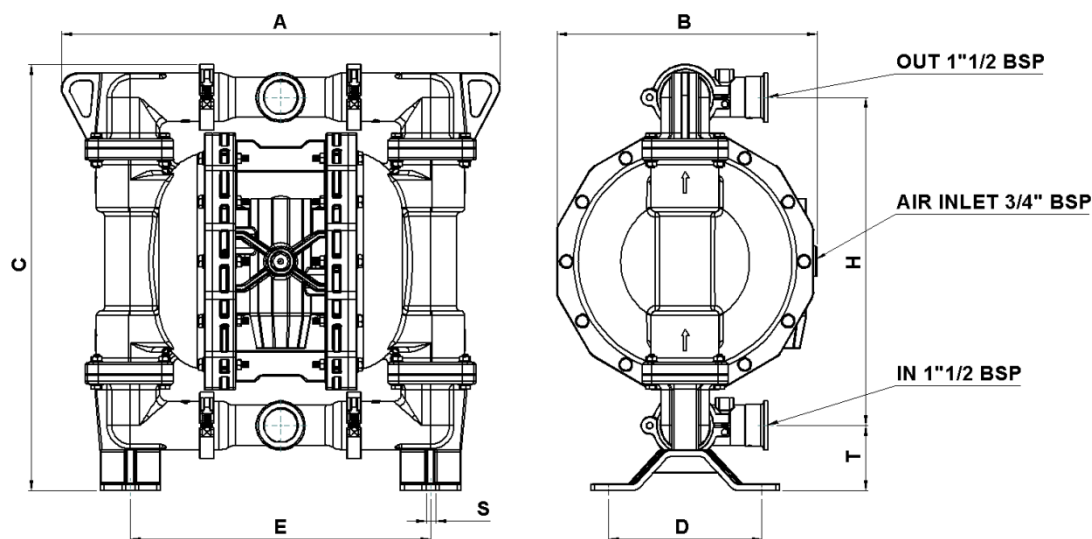
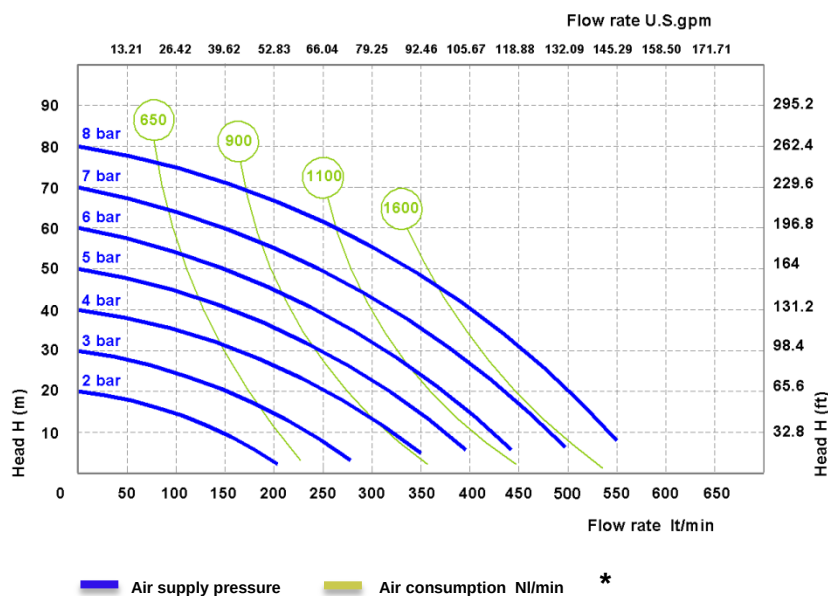
## **TECHNICAL DATA SHEET PHOENIX P500 AISI**



**AISI 316**

### **TECHNICAL DATA P500 AISI**

**FLUID CONNECTIONS :** 1"1/2 BSP  
**AIR CONNNECTION :** 3/4" BSP  
**MAX FLOW RATE :** 550 lt/min  
**MAX AIR PRESSURE:** 8 bar  
**MAX DELIVERY HEAD:** 80 m  
**MAX SUCTION LIFT DRY:** 5 m  
**MAX SUCTION LIFT WET:** 9,8 m  
**MAX SOLID PASSING:** 8,5 mm  
**NOISE LEVEL:** 78 dB  
**DISPLACEMENT FOR CYCLE:** 1250 cc  
**MAX VISCOSITY :** 50.000 cps  
**ATEX zona 1 :** EX II 2/2 GD c IIB T135°C  
**ATEX zona 2 :** EX II 3/3 GD c IIB T135°C



| PHOENIX P500    | A   | B   | C   | D   | E   | H   | S    | T  | Weight<br>Kg | Max<br>Temperature |
|-----------------|-----|-----|-----|-----|-----|-----|------|----|--------------|--------------------|
| <b>AISI 316</b> | 582 | 345 | 570 | 203 | 398 | 434 | 12.5 | 86 | 60           | 95°C               |

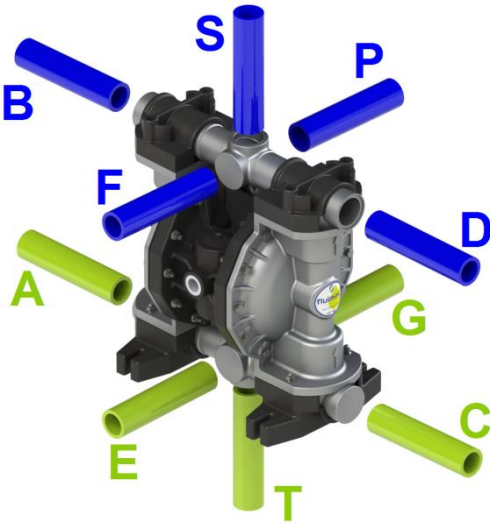
\* The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.  
 Technical data are approximate and not binding for the manufacturer who reserves the right to change them without notice at any time.

COMPOSITION

| MODEL | CASING | DIAPHRAGM                                                                           | BALL                                | SEATS                                | GASKET                               | CONNECTIONS                 | ATEX                     | PORTS IN/OUT |
|-------|--------|-------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------|
| P0500 | S= SS  | HT=HYTREL+PTFE<br>MT=SANTOPRENE+PTFE<br>H=HYTREL<br>M=SANTOPRENE<br>D=EPDM<br>N=NBR | T= PTFE<br>S= SS<br>D=EPDM<br>N=NBR | P=PP<br>K=PVDF<br>S=SS<br>Z=PE-UHMWE | D=EPDM<br>V=VITON<br>N=NBR<br>T=PTFE | 1=BSP<br>2=FLANGED<br>5=NPT | X = zone 1<br>- = zone 2 | EF=Standard  |

AVAILABLE CONNECTIONS

Standard = E F  
IN = E-T-G  
OUT = F-S-P



HOW TO READ THE CODE

|                  |      |                    |            |                   |                        |                    |             |                            |                      |
|------------------|------|--------------------|------------|-------------------|------------------------|--------------------|-------------|----------------------------|----------------------|
| P                | 0500 | P-                 | NT         | T                 | P                      | V                  | 1           | -                          | AB                   |
| MODEL<br>OF PUMP | SIZE | CASING<br>MATERIAL | DIAPHRAGMS | BALLS<br>MATERIAL | BALL SEATS<br>MATERIAL | GASKET<br>MATERIAL | CONNECTIONS | ATEX ZONE<br>CERTIFICATION | PORTS<br>CONNECTIONS |