

BLUE DESIGN

The new generation of “blue” in **TESEO** is the result of the modification and the improvement of all the Teseo systems. Our continuous research into **Energy Saving** together with a high regard for the **Design** ruled our technical choices. We studied the internal passages and the thicknesses to increase the flow rate.

Double seats for the O-rings and high quality NBR **Blue O-Rings**, manufactured for Teseo, are applied to all the connections for a better sealing.

Ergonomics of the complete system has been improved thanks to optimization of the shapes and weights. Precision manufacturing carried out on many components improves the outer finishing and removes the die-casting defects.

Outlet plates plates have been re designed with new moulds, to improve quality and accuracy. The blocking parts have been analyzed and improved.

The implementation of accessories and components is continuous.

Teseo are sourcing **New certifications** and international confirmation.



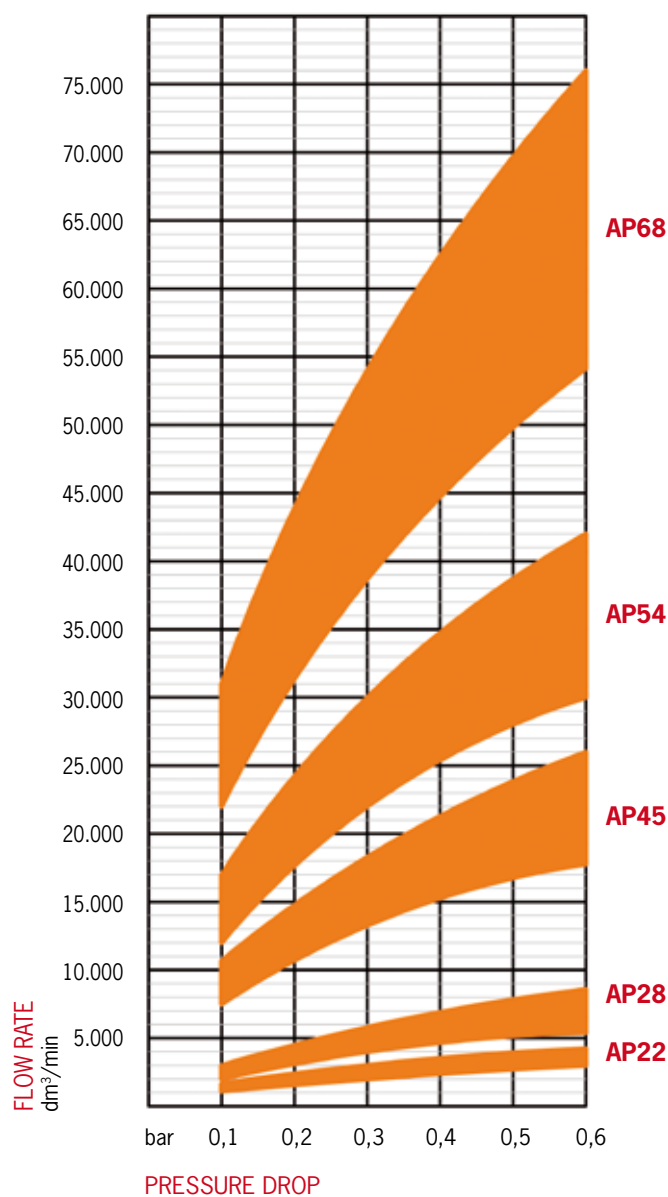
Indicative diagram for the choice of the AP diameter according to compressor installed max power

Compressor power	AP	Indicative flow rate (L 30m - 6 bar - Δp 3%)
kW		NI/min
11	22	1.650
19	28	2.900
67	45	10.000
110	54	16.400
195	68	29.200



Indicative diagrams of compressed air flow rates and related pressure drops in a line 30 m long (20°C - 1013 mbar). The data used has been provided by the POLYTECHNIC INSTITUTE OF TURIN.

See online software (page 9)



AIR PRESSURE: 6 → 12 bar
0,6 → 1,2 MPa
87 → 174 psi