Did you know - PF6 FlexSystem

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Atlas Copco's PF6 FlexSystem (PF6 Flex) is a modular, space-saving controller system for fastening operations. The PF6 Flex is designed for fixtured applications and is scalable to fit specific application requirements.

Below you will find more about the PF6 FlexSystem and what it has to offer!

1 Reduce your overall hardware footprint

Atlas Copco's PF6 FlexSystem offers compact 3 slot and 6 slot carrier units. The carriers can be daisy-chained to support up to 50 QST spindles. Furthermore, to streamline the production process, the spindles and powerheads can be hot swapped. The system is IP54 rated, and to ensure the rating is fulfilled, we offer FlexBlanks which are required to fill any empty slots of the carrier. Due to the compact design of the carrier units as compared to its predecessor, the PF6 Flex will save up to 97% of plant floor space.

2 Supports our QST spindles

Experience accuracy that is 2.5% across a wide torque range with Atlas Copco QST spindles. We offer QST spindles ranging from 2 Nm to 10,000 Nm. You can choose from straight, off-set, and right angles as well as special spindles to meet your specific needs. Reduce maintenance costs and downtime with a 1,000,000-durability cycle for preventative maintenance.

3 Mounted directly to automation

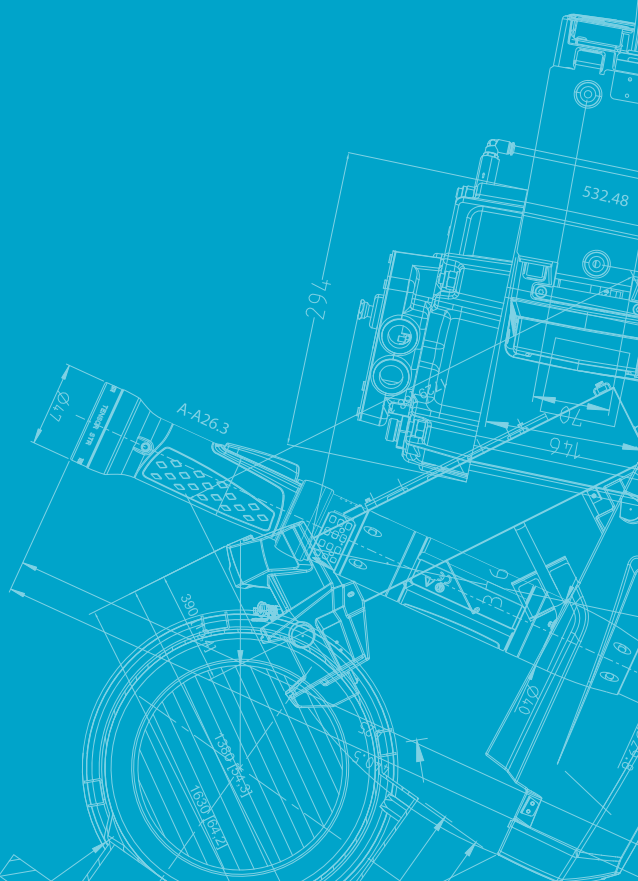
The PF6 Flex can be mounted directly to robotic arms, eliminating rack storage on the plant floor. The carrier units can also be mounted to powerheads, on guarding, or to the suspension. With all connections mounted directly to automated devices, it's easy to eliminate long cable lengths and practice better cable management. Due to carrier mounting versatility and the ability to mount on automated devices, the PF6 Flex can help reduce the number of work cells on the assembly line.

4 Supports Atlas Copco's ToolsNet 8 software

With ToolsNet 8, the PF6 Flex provides advanced error-proofing, additional data collection, and analytics for quality monitoring. There's also process control to ensure an error is not occurring and provides traceability down to a specific build number.

5 Shares software commonality with Power Focus 6000

The PF6 Flex utilizes ToolsTalk 2 which is also used with the Power Focus controller platform. By using the PF6 Flex's IP address, users are able to access the WebGUI without any additional software. Additionally, the PF6 Flex and PF6000 utilize the same software infrastructure including dual memory partitions.



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