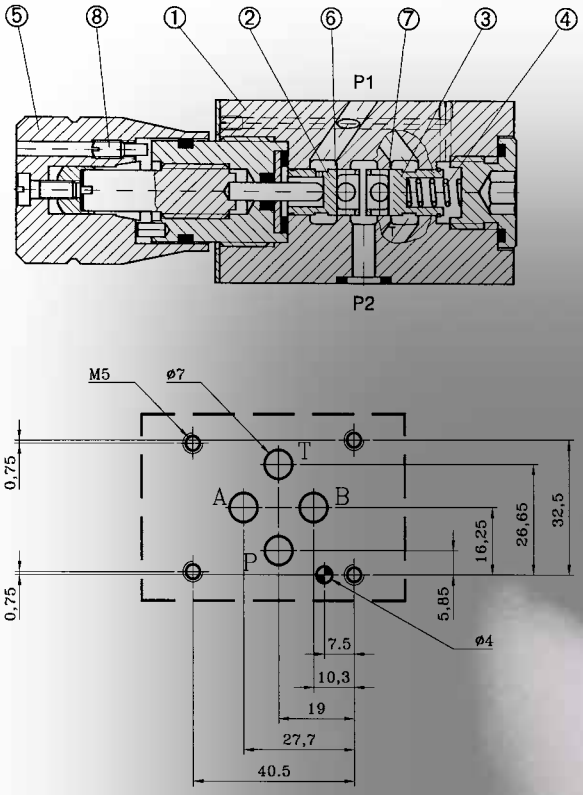
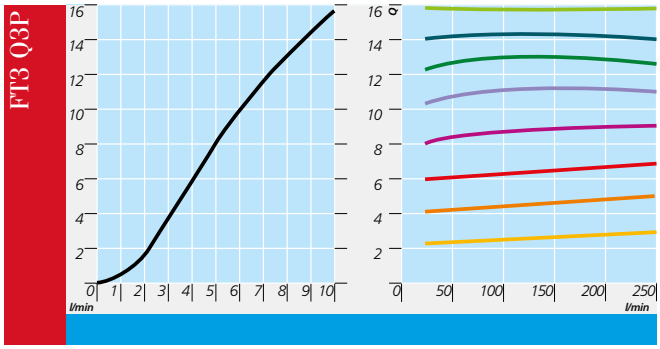


A HOW TO READ THE MODEL CODE FOR VALVES FT3-Q3P

FT3 - Q3 - (P) - (16) / ** / 10		
1	2	3 4 5 6
1	FT3	stackable valve CETOP 03 - Pressure 32 MPa (320 bar)
2	Q3	pressure reduced, pilot operated - 3-way valve
3	(P)	service line where the control operates - see also functional symbols **A**
4	(16)	Flow control characteristics 16=0,06 (16 l/min max. regulated flow control rate to P1. When the inlet flow (atP2) is higher than the required value, the excess is discharged in T.
5	Code reserved for special variants (seals, materials, surface treatments, etc.).	
6	Design number (progressive) of the valve.	

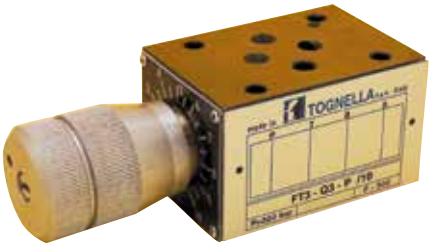
B TYPICAL DIAGRAMS



Typical holding curves (Q e Q-P) for valves AM3-Q3-P
Oil at 36 eSt and at 50°C

STACKABLE VALVES CETOP 03
FLOW CONTROL VALVES
PRESSURE COMPENSATED

3-way pressure compensated flow control valves are designed to provide adjustable controlled flow rates independent of changes in system pressure.
The flow control valve consists basically housing throttling spool ②, pressure compensator ③, spring handknob ⑤ with adjusting parts.
Fluid from port P2 is divided into two parts; one part passes through orifice area of the throttling spool and onwards to port P1, the other part proceeds through orifice area of the compensator to port T.



FT3 Q3P

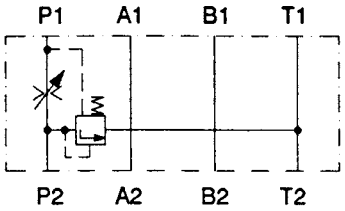
C CONTROL OF THE FLOW

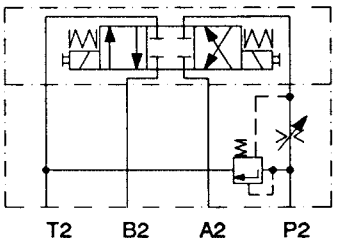
By turning the knob the value of the regulated flow changes.
The scale/flow characteristics is approx. linear and the full range is covered by turning the knob by approx. 320°.
The scale is divided in 10 marks.
Clockwise: flow increases
Anticlockwise: flow decreases
When the required value is reached, set the knob position by fixing the screw.

D DATA AND OPERATING PRESSURE

Recommended max. flow rate	42 l/min
Max. flow rate on	P1 16 l/min
Max. nominal pressure	32 MPa (320 bar)
Adjustment	see **B**
Correction	see **C**
Mass dimensions	see **F**
Weight	approx. 0,8 kg

E FUNCTIONAL SYMBOLS





F INSTALLATION DIMENSION

Standardized ISO - Alla data are expressed in mm