



DESCRIPTION

The STO0981 is a bi-directional manual flow control device for aiding the flushing of hydraulic systems with a manifold interface conforming to ISO 10372-04-04-0-92 (4 port only). Flow can be metered towards either control port by rotating the lever about the central position. Fluid cleanliness should be measured prior and during use with an inline contamination monitoring device to ensure effective and correct levels are achieved. Contact our sales team for further details on externally piloted manifold interfaces, filtration and flushing procedures.

TECHNICAL DETAILS

- 1) MAX. OPERATING PRESSURE 210 BAR
- 2) MAIN HOUSING MATERIAL ALUM ALLOY
- 3) WEIGHT (SEE BELOW)
- 4) MOUNTING FASTENERS SKT HD (HT) CAP SCREWS ISO 4762 M8 x 35
- 5) SUITABLE FOR PETROLEUM BASED MINERAL OILS AND WATER GLYCOLS

SUITABLE FOR USE WITH THE FOLLOWING 4 PORT SERVOVALVE MAKE & MODELS:-

- STAR 550, 650
- MOOG 76, 760, G761
- VICKERS SM4-20
- PARKER SE20, BD15

WARNING

THIS DEVICE CAN APPLY HIGH FLOW AND PRESSURE TO CONNECTED ACTUATORS. GREAT CARE SHOULD THEREFORE BE TAKEN DURING INSTALLATION AND OPERATION TO AVOID PERSONAL INJURY AND/OR DAMAGE TO SYSTEM COMPONENTS

DO NOT REMOVE WHEN PRESSURE EXISTS AT MANIFOLD



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MODEL FILE NAME: STO0981
 MODEL CONFIGURATION: Default
 MODEL REVISION: 02

MATERIAL: (SPECIFIED IN MODEL)
Assembly See BOM Table

FINISH:
NATURAL

SCALE 1:2

SHEET 1 OF 1

WEIGHT:
0.42 KG

ADDITIONAL INFO:
SEE BOM FOR ASSEMBLIES

FILE NAME:
ID STO0981

SEE BS 308 FOR EXPLANATION OF SYMBOLS AND GEOMETRIC TOLERANCES.
 UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETRES.
 THREADS TO BS 3643.

MACHINING: ±0.25mm ±1.0° √ 1.6 μM Ra
 MACHINING BOXED: [±0.10mm] [±0.5°]
 FABRICATION: ±2.0mm ±2.0°

PROJECT:
Modules

AUTHOR:
CM

STATUS:
Released

DESCRIPTION:
FLUSHING BLOCK (550) MANUAL LEVER

NUMBER:
STO0981

DRAWING SHEET SIZE
ISO A4
 210W x 297H mm