

Pattern Changer

PAT-CH Series

Spool valve to switch joystick functions

INTRODUCTION

The PAT-CH Series, Pattern Changer is a spool valve designed to switch joystick functionality on equipment such as excavators, and between machines made by different manufacturers.

When operators move from one machine to another, they can set up the joystick controls to functions that they are familiar with. This reduces re-training time, helps avoid accidents due to unfamiliar controls, and avoids the need to switch hoses.

The Pattern Changer is hand operated and has 4 inlet ports and 4 outlet ports. It provides 8-way, 2 position control of pilot signals.

FEATURES

- ✓ Quick and easy to install
- ✓ Simple, reliable design - no electronics
- ✓ Compact.
- ✓ Detents can lock the handle position
- ✓ Drastically reduces re-training time and avoids accidents when operators switch between machines made by different manufacturers.
- ✓ Operating Temperatures (with NBR seals): -40°C to 106°C

MATERIALS

Carbon steel with trivalent plating and nitrile (NBR) seals.

OPERATION

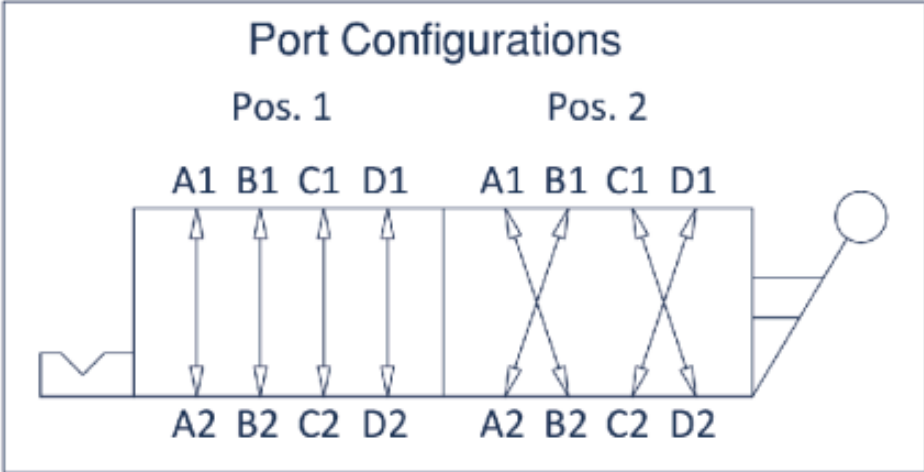
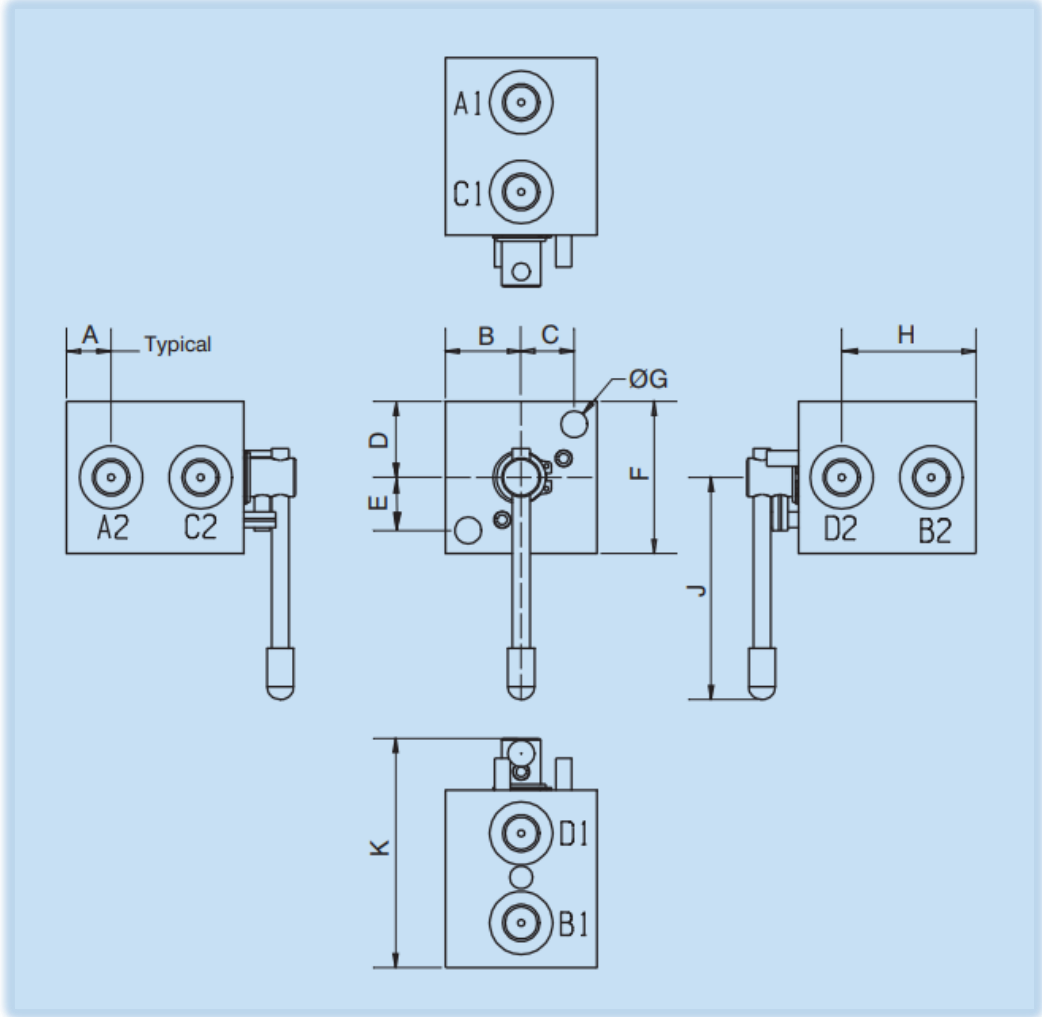
Turn the handle 90° to change the joystick pattern.
Detents can lock the handle in position.



Performance Characteristics	PAT-CH-07	
Maximum Working Pressure	500 Bar	7250 PSI
Burst Pressure	2000 Bar	29000 PSI
Rated Flow	23 L/min	6.1 GPM



Dimensions



Part Number	PAT-CH-07		
Thread (all ports)	7/16"-20 UNF F		
A	15.15	F	50
B	25	G	8.9
C	17.6	H	45
D	25	J	79.3
E	17.6	K*	78

*The bulb at the end of the handle adds approximately 3mm to the overall height

All dimensions in mm unless otherwise stated. Dimensions shown are for guidance only, if critical contact FC staff.

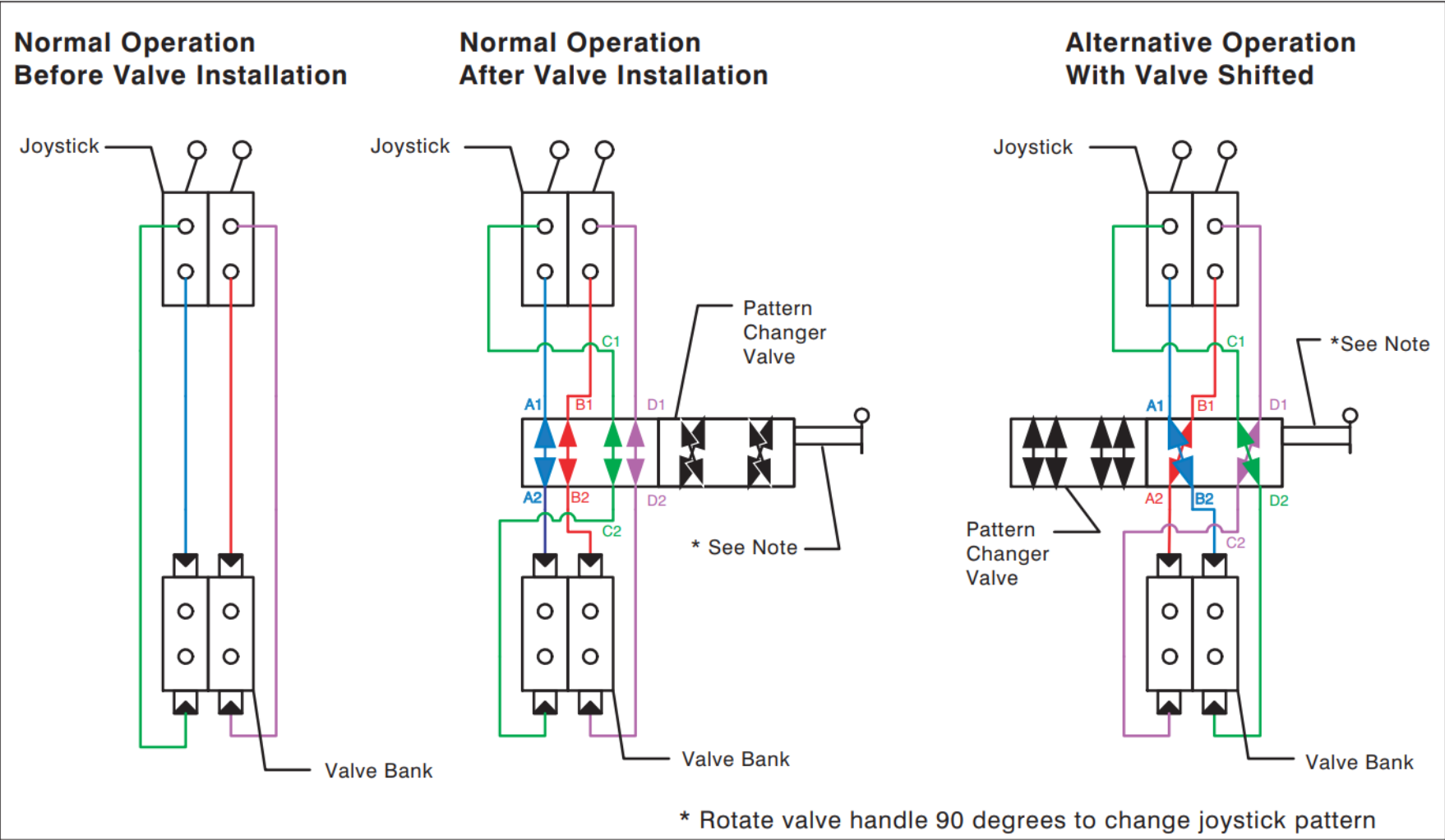
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