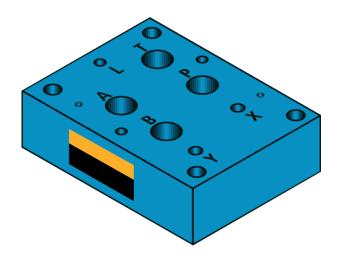


MODEL Z1S16

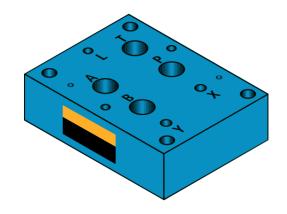


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Z1516 INTRODUCTION

CHECK VALVES OF SANDWICH PLATE
DESIGN ARE INTENDED FOR MATING WITH
CONTROL VALVES. THEY ALLOW FREE FLOW
OF FLUID IN ONE DIRECTION AND
SELFACTING CLOSURE IN THE OPPOSITE
DIRECTION. VALVES CAN BE MOUNTED IN
ANY POSITION AS AN INTERMEDIATE
ELEMENT BETWEEN A SUBPLATE AND A
CONTROL VALVE.

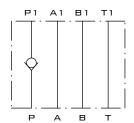


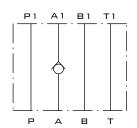
Z1S16 TECHNICAL DATA

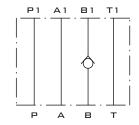
HYDRAULIC FLUID	MINERAL OIL OR PHOSPHATE ESTER
Nominal fluid viscosity	37 MM²/s AT THE TEMPERATURE OF 55°C
VISCOSITY RANGE	2.8 TO 380 MM²/s
REQUIRED FLUID FILTRATION	16 µм
RECOMMENDED FLUID FILTRATION	1 □ µм
MAXIMUM WORKING PRESSURE	32 MPA
CRACKING PRESSURE	0.05 MPA
MAXIMUM FLOW RATE	200 L/MIN
WEIGHT	3.7 кв

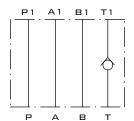
Z1S16 SCHEMES

VALVE SIDE









SUBPLATE SIDE

Z1S16 P

Z1516 C

Z1516 D

Z1S16 T

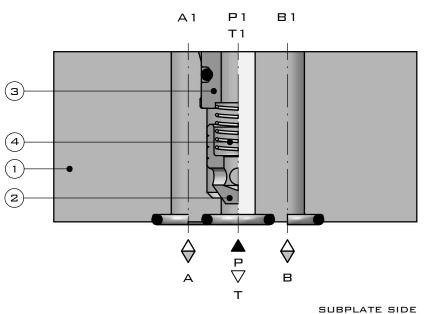


Z1516 DESCRIPTION OF OPERATION

Z1S16P-1-30

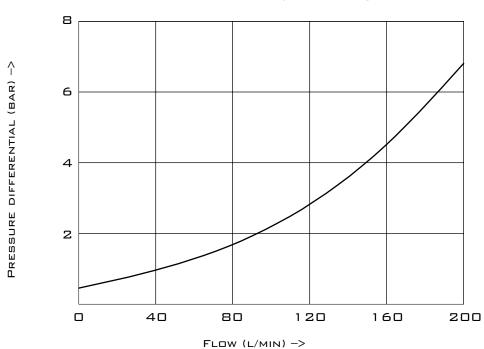
VALVE SIDE

THE SLEEVE 3 WITH THE SEAT FOR THE SPRING 4 IS FITTED IN THE HOUSING 1. THE SPRING PUSHES THE POPPET 2 TO THE EDGE OF PORT P IN THE HOUSING 1. WHEN PRESSURE DIFFERENCE IN PORT P EXCEEDS THE CRACKING PRESSURE DETERMINED BY THE SPRING, THE POPPET WILL MOVE ALLOWING FREE FLOW IN LINE P, A, B, T OR A AND B.



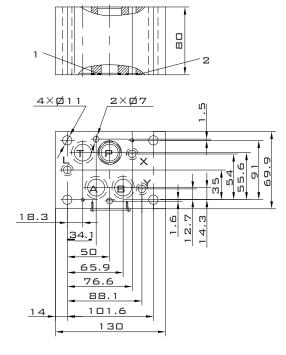
Z1516 PERFORMANCE CURVES

MEASURED AT V = 41 MM^2/S AND T = 50°C

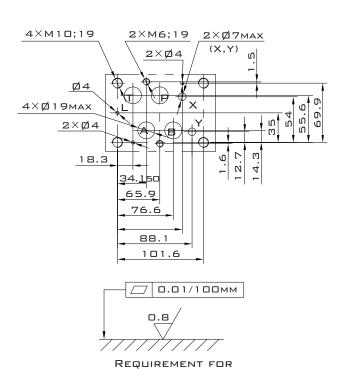




Z1516 OVERALL DIMENSIONS



- 1 O-RINGS 22×2.5 (PORTS A, B, P, T)
- $2 \text{ O-RINGS } 10 \times 2 \text{ (PORTS X, Y, L)}$



MOUNTING SURFACE





ORDER CODE

