

Picture shows 7145 adaptor base
c/w solenoid

MODEL 7145 DUAL SOLENOID ADAPTOR BASE

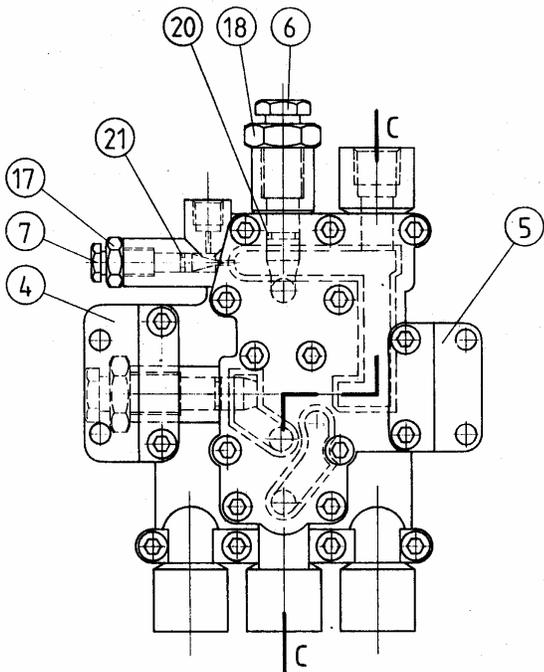
The purpose of the 7145 is to provide either two or three speeds for steering gear. On a steering system having an autopilot, full follow-up, both hydraulic and electronic, it becomes essential to have more than one rudder speed. The 7145 with closed centre spools can provide two or three speed operations and also an auto-full line in the header tank. By energizing one solenoid valve and setting the flow control for the appropriate speed, the rudder can be controlled by a full-power follow-up operation and by setting the flow control of the second solenoid, the rudder can be controlled at a slower speed by an autopilot. If both valves are open at the

same time a third speed can be obtained. The oil will circulate through both valves at all times, but the maximum flow-through capacity will not exceed the needle valve setting. The maximum flow capacity with both valves fully open is 12 gallons per minute. Volume compensated pumps are recommended.

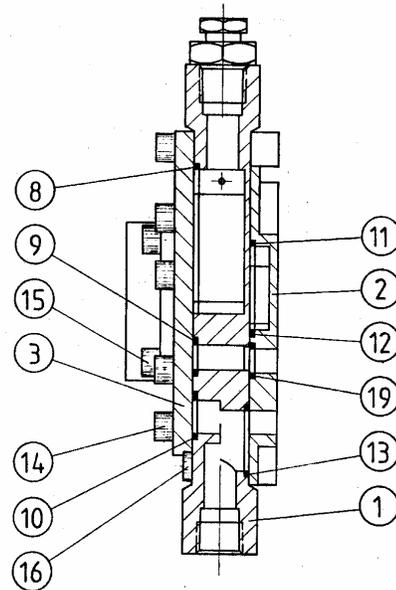
ORDERING INFORMATION

7145	= without solenoid
7145-DC12	= with 12 volt solenoid
7145-DC24	= with 24 volt solenoid
7145-DC32	= with 32 volt solenoid
7145-AC110	= with 110 volt AC solenoid

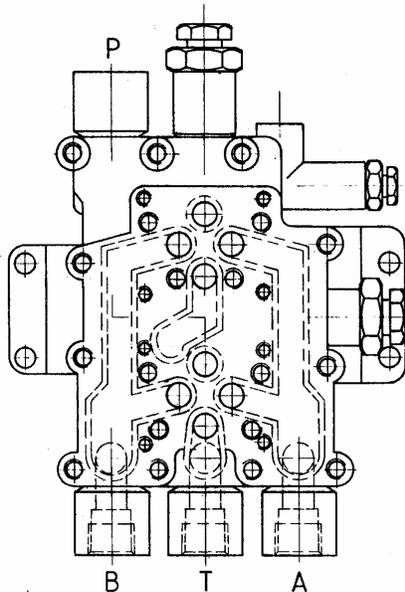
DIMENSION AND PARTS MODEL 7145



BACK VIEW



SECTION C-C



TOP VIEW

MODEL 7145

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	7145-0001	Body
2	1	7145-0002	Solenoid Plate
3	1	7145-0003	Base Plate
4	1	7145-0004	Foot (large)
5	1	7145-0005	Foot (small)
6	2	7145-0006	Flow Needle (large)
7	1	7145-0007	Flow Needle (small)
8	1	7145-0008	Gasket
9	1	7145-0009	Gasket
10	1	7145-0010	Gasket
11	2	7145-0011	Gasket
12	1	7145-0012	Gasket
13	1	7145-0013	Gasket
14	11	1002-1024	Hex Socket Hd Cap Screw
15	4	1002-1024	Hex Socket Hd Cap Screw
16	4	1002-1014	Hex Socket Hd Cap Screw
17	1	1022-0262	Jam Nut
18	2	1022-0265	Jam Nut
19	2	1101-0012	O-Ring
20	2	1101-0011	O-Ring
21	1	1101-0006	O-Ring