

PILOTED BY-PASS VALVES

OMFB is very pleased to present the new pilot “By-pass” valve for Bent Axis pumps, which allow to reduce the losses in the internal passage between the inlet and outlet and generate less heat in working condition of open By-pass.

• BY-PASS VALVE FOR “HDS-HDT” SERIES



The BY-PASS valve is used together with HDS-HDT Bent Axis pump. The BY-PASS valve partially reduces the pump’s oil flow to avoid overheating the system. The BY-PASS valve is composed of an aluminium body mounted on the rear body of the pump fixed by 2 screws and 1 pressure fitting, which works as a screw, a normally opened solenoid valve which pilots an internal spool.

For pump	Order code		Max pump speed without load rpm	Enclosure	Coil power Watt
	12V	24V			
HDS-47 HDS-55 HDS-64 MDS-80	108-200-12489	108-200-24485	2500	IP 66	22
HDS-84 HDS-108 MDS-130	108-200-12854	108-200-24850			
HDT-84 HDT-96 HDT-108	108-200-12863	108-200-24869			

• BY-PASS VALVE FOR “TWIN FLOW” SERIES



The BY-PASS valve is used together with TWIN FLOW Bent Axis pump. The BY-PASS valve partially reduces, for each pressure output, the pump’s oil flow to avoid overheating the system. The BY-PASS valve is composed of an aluminium body mounted on the rear body of the pump fixed by 3 pressure and suction fittings, which works as a screw, 2 normally opened solenoid valves which pilots 2 internal spools.

For pump	Order code		Max pump speed without load rpm	Enclosure	Coil power Watt
	12V	24V			
“TWIN-FLOW” 53+53 70+35	108-200-12532	108-200-24538	2550	IP 66	22

For the technical datas and overall dimensions please check our technical data sheets.