											AND DESCRIPTION OF THE PROPERTY AND THE	
BASIC SYMBOLS		SPOOL CONTROLS		ENERGY TRANSFORMATION		ENERGY CONTROL				FLUID TREATMENT		
	PRESSURE OR RETURN LINE	H	GENERAL SYMBOL	FIXED DISPLACEMENT PUMP		ADJUSTABLE 2-WAY FLOW CONTROL WITH REVERSE FLOW CHECK	w.	DIRECT ACTING RELIEF VALVE		SOLENOID OPERATED 6 PORT  VALVE  SOLENOID OPERATED 6 PORT  VALVE	<u></u>	BREATHER WITH FILTER
	PILOT LINE		PUSH KNOB	SINGLE-ACTING HAND PUMP		ADJUSTABLE 3-WAY		PILOT OPERATED	 	SOLENOID DIVERTER VALVE WITH EXTERNAL DRAIN	$\leftarrow$	FILTER
	TWO OR MORE FUNCTIONS IN ONE UNIT		PUSH-PULL KNOB LEVER			FLOW CONTROL WITH REVERSE FLOW CHECK	M.J.	RELIEF VALVE			≪	FILTER WITH INDICATOR
<b>→</b>	FLEXIBLE HOSE  UNION		SINGLE ACTING PEDAL			ADJUSTABLE 3-WAY FLOW CONTROL		SEQUENCE VALVE		DIRECT ACTING SOLENOID DIRECTIONAL VALVE (SPOOL FORM 1	<b>\( \)</b>	WATER / OIL COOLER
+ +	CROSS	<i>F</i> .	DOUBLE ACTING PEDAL	DOUBLE ACTING HAND PUMP		FLOW DIVIDER		LEAK-FREE SEQUENCE VALVE WITH EXTERNAL DRAIN		DIRECT ACTING SOLENOID DIRECTIONAL VALVE (SPOOL FORM 2	<b>→</b> }	AIR / OIL COOLER
$\perp$	CLOSED CONNECTION		PLUNGER			SPOOL TYPE FLOW DIVIDER		RELIEF / UNLOADING VALVE WITH EXTERNAL HYDRAULIC	WINTER IN	PILOT OPERATED SOLENOID	<b>↔</b>	HEATER TEMPERATURE
†‡ <b>†</b>	DIRECTION OF MOVEMENT	#=	PLUNGER WITH STROKE LIMITATION	FIXED DISPLACEMENT REVERSIBLE MOTOR WITHOUT DRAIN	ФФ	ROTARY FLOW DIVIDER	<b>*** ** ** ** ** ** ** **</b>	PILOT AND INTERNAL DRAIN		DIRECTIONAL VALVE		INSTRUMENTS
((	DIRECTION OF ROTATION	w <u></u>	SPRING	FIXED DISPLACEMENT REVERSIBLE	<b>T</b>	LOWERING VALVE WITH REVERSE FLOW CHECK	w to	REDUCING VALVE		DIRECT ACTING SEATED SOLENOID DIRECTIONAL VALVE	AND INC	PRESSURE INDICATOR
/	REGULATION POSSIBLE	<b>⊕</b>	ROLLER	PUMP WITH DRAIN  FIXED DISPLACEMENT REVERSIBLE		THROTTLE WITH	w j	ELECTRICAL UNLOADING VALVE		DIRECT ACTING PROPORTIONAL SOLENOID DIRECTIONAL	<b>☆</b>	PRESSURE TRANSDUCER
7	ELECTRIC SOLENOIDS WORKING		LEVER WITH ROLLER SINGLE SOLENOID	MOTOR WITH DRAIN		REVERSE FLOW CHECK		ELECTRICAL PROPORTIONAL RELIEF VALVE	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	VALVE PILOT OPERATED	$\bigcirc$	PRESSURE GAUGE
\/ <del></del>	IN OPPOSITE DIRECTIONS  DIRECTION OF ROTATION LOOKING AT SHAFT		PUSH/PULL SOLENOID	ROTARY ACTUATOR	<b>[</b> ]	PILOT OPERATED CHECK VALVE WITHOUT DRAIN	W	RELIEF VALVE		PROPORTIONAL SOLENOID DIRECTIONAL VALVE	$\bigcirc$	DIFFERENTIAL
$\leftarrow$	PNEUMATIC	<u> </u>	TOSHI TOLL SOLLINOID	SINGLE ACTING CYLINDER		PILOT OPERATED CHECK	\$\langle \text{\pi} \rangle		#ITHXW	SERIES DIRECTIONAL CONTROL VALVE		PRESSURE GAUGE
<b>A</b>	HYDRAULIC		DIRECT PILOT OPERATED	DOUBLE ACTING CYLINDER		VALVE WITH DRAIN	OVER	R CENTRE VALVE	ASTRIVE	SERIES DIRECTIONAL CONTROL VALVE WITH NEGATIVE OVERLAP AND VALVES IN SPOOL	$\bigcirc$ 4	FLUID LEVEL GAUGE
<u></u> ₹	TEST POINT		PNEUMATIC / HYDRAULIC OPERATED	DOUBLE ACTING CYLINDER	\$	CHECK VALVE WITH SPRING	H			OVERLAP AND VALVES IN SPOOL	<b></b>	FLUID LEVEL TRANSDUCER
<b>~</b>	SPRING	<b>M</b> =	ELECTRIC MOTOR	WITH VARIABLE DAMPING AT ONE END	<,>-	SHUTTLE VALVE	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	MPIDZ		PARALLEL DIRECTIONAL CONTROL VALVE	$\bigoplus_{\bigotimes}$	THERMOMETER
$\rightleftharpoons$	THROTTLE	M	OTHER CONTROL UNIT (NOT ELECTRIC MOTOR)	DOUBLE ACTING CYLINDER WITH VARIABLE DAMPING AT BOTH ENDS			RELIEF VALVE / EJ	LECTRICAL LOWERING VALVE	#		$\bigcirc$	FLOW INDICATOR
×	PLUGGED PORT		INTERMEDIATE POSITION	DOUBLE ACTING TELESCOPIC CYLINDER		LOGIC ELEMENT				PARALLEL DIRECTIONAL CONTROL VALVE		FLOW METER
$\rightarrow$	ROTARY UNION		PROPORTIONAL SPOOL			PRIORITY VALVE	W T	NORMALLY OPEN SOLENOID CHECK VALVE	   <del>                                   </del>			TACHOMETER
<u>~</u>	DETENT RETURN ABOVE/BELOW	<b>‡</b> ⊧	COUPLING	SINGLE ACTING TELESCOPIC CYLINDER	ST	EERING UNITS		NORMALLY CLOSED SOLENOID		PARALLEL DIRECTIONAL CONTROL VALVE FOR USE WITH LS PUMPS	-1)-	TORQUE METER
ىك ك	FLUID LEVEL	7	INTERNAL PILOT	DOUBLE ACTING DOUBLE ROD CYLINDER	M 1	LEERING UNITS	W T	NORMALLY CLOSED SOLENOID CHECK VALVE		PARALLEL DIRECTIONAL CONTROL VALVE FOR USE	× 4	PRESSURE SWITCH
Ŷ - <b>⋈</b> -	CHECK VALVE SHUT-OFF VALVE	<del></del>	EXTERNAL PILOT	ACCUMULATOR WITH		SED CENTRE CLOSED CENTRE WITH LS (FOR USE WITH PRIORITY VALVE)			<b>♦</b>	WITH LS PUMPS WITH FLOW CONTROL FUNCTION	<b>□</b> [w	MICRO SWITCH
				GAS PRE-CHARGE								