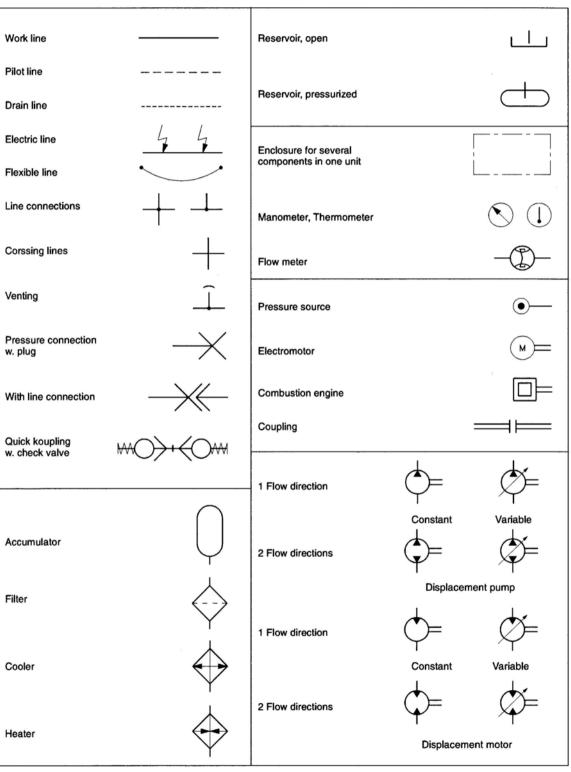


Get the hydraulics knowledge you need! Go to: www.IndustrialHydraulicControl.com



ISO / CETOP HYDRAULIC SYMBOLS

HYDRAULIC SUPERMARKET.COM

©HydraulicSupermarket.com 2000 - 2005

By downloading this document you acknowledge acceptance of our Terms and Conditions of Use

HYDRAULIC SUPERMARKET.COM

Get the hydraulics knowledge you need! Go to: <u>www.IndustrialHydraulicControl.com</u>

Constant Variable	Differential cylinder
$\varphi = \varphi =$	Cylinder with cushion
Combined pump-motors	Check valve, not spring loaded —
$\varphi = \varphi =$	Spring loaded
Hydrostatic transmission	Pilot controlled check valve
	Pilot controlled opening Pilot controlled closing
Shaft, lever, rod, piston	
Spring	Example
Restriction, not viscosity influenced	Simplified
Flow direction	
Direction of rotation	Restrictor, fixed
Variable setting	Restrictor, variable
Cylinders	Restrictor, not viscosity influenced
Single acting	Throttle-check valve
Double acting	3-way by-pass flow regulator
	Flow divider



©HydraulicSupermarket.com 2000 - 2005



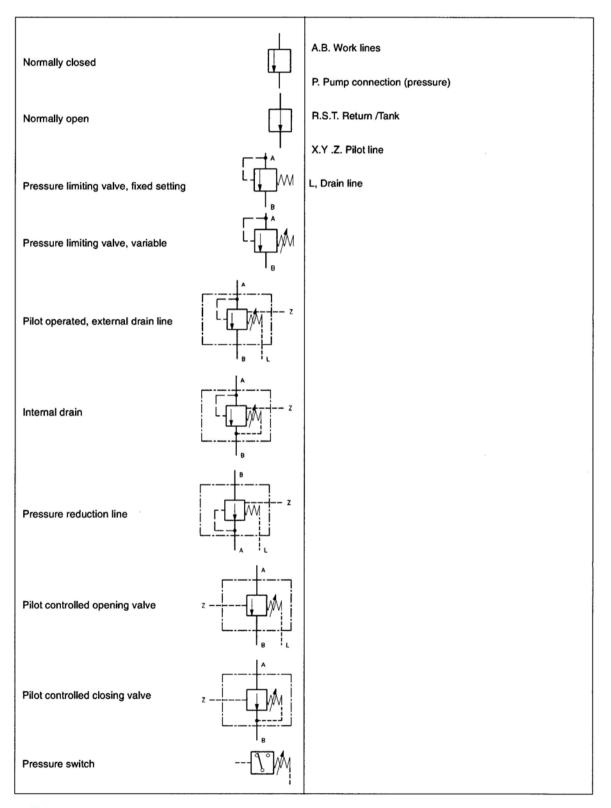
Get the hydraulics knowledge you need! Go to: www.IndustrialHydraulicControl.com

Directional valves		with transient intermittend pos.	[;]
Basic symbol:		war transient intermittend pos.	
Two - way		mechanical feed back	
Three - way			۔۔۔۔
Two - way		Hand operated	
Without fixed position 2 - extreme position		Lever	₹
2 - extreme position and between (OSP)		Roller	•
2/2 - valve		Hydraulic operated	→
3/2 - valve		Pneumatic operated	->-[
4/3 - valve		Direkt pressure	
Examples	\times	Solenoid	
		Motor operated	1
		Solenoid, hydraulik-operated	
	≁∭∏Ҳӏ≁	PVEO	
		PVEM	***
	Solenoid	PVEH	¢
	Mechanical	Pneumatic, hydraulic-operated	
	Roller II Direct	Mekanical lock	
	pressure	Spring return	MM
	Pressure rise		
ເມີເ			

©HydraulicSupermarket.com 2000 - 2005



Get the hydraulics knowledge you need! Go to: www.IndustrialHydraulicControl.com





©HydraulicSupermarket.com 2000 - 2005