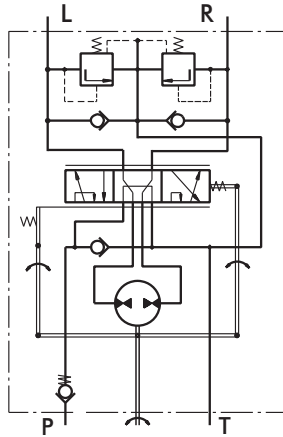


HYDROSTATIC STEERING UNITS TYPE XY.../1



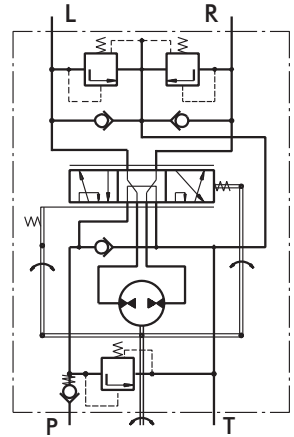
The M+S Hydraulic Hydrostatic Steering units are used in low-speed vehicles which driving speed does not exceed 60 km/h - such as: building machines, fork-lift trucks, harvesting machines, off-highway equipment and others. These hydraulic units amplify the torque to the steering wheels, with no need of hard mechanical connection.



"Open Center - Load Reaction"
XY...-0/1

The XY hydrostatic steering unit incorporates an axially displaced tracing valve and a metering pump in one housing. The working liquid is supplied by a separate pump and then is directed by the metering pump to the steering cylinders.

The XY steering unit is manufactured with a built-in check valves, and there is an option for a built-in relief valve in the inlet.



"Open Center - Load Reaction"
XY...-.../1

SPECIFICATION DATA

Parameters	Type			
	XY 85.../1	XY 120.../1	XY 145.../1	
Displacement cm ³ /rev [in ³ /rev]	84 [5.13]	120 [7.32]	144 [8.79]	
Rated Flow* lpm [GPM]	9 [2.4]	12 [3.2]	15 [4.0]	
Rated Pressure bar [PSI]	150 [2175]			
Relief Valve Pressure Settings** bar [PSI]	80 [1160]	100 [1450]	125 [1810]	150 [2175]
Shock Valves Pressure Settings*** bar [PSI]	200 [2900]			
Max. Cont. Pressure in Line T bar [PSI]	20 [290]			
Max. Torque at Servoamplifying Nm [lb - in]	3,5 [31]			
Max. Torque w/o Servoamplifying Nm [lb - in]	120 [1065]			
Weight kg [lb]	6,4 [14.1]	6,6 [14.6]	6,8 [15.0]	
Dimension A mm [in]	136,3 [5.37]	141.5 [5.57]	144.5 [5.69]	

* Rated Flow at 100 RPM.

** Pressure Settings are at Rated Flow (as in the table) and viscosity 21 mm²/s [105 SUS] at 50° C [122°F].

***Pressure Settings are at flow rate of 4 lpm [1.06 GPM] and viscosity 21 mm²/s [105 SUS] at 50° C [122°F].