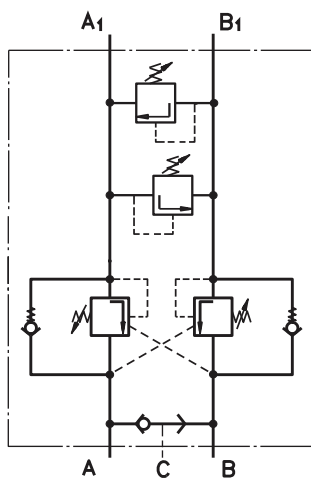


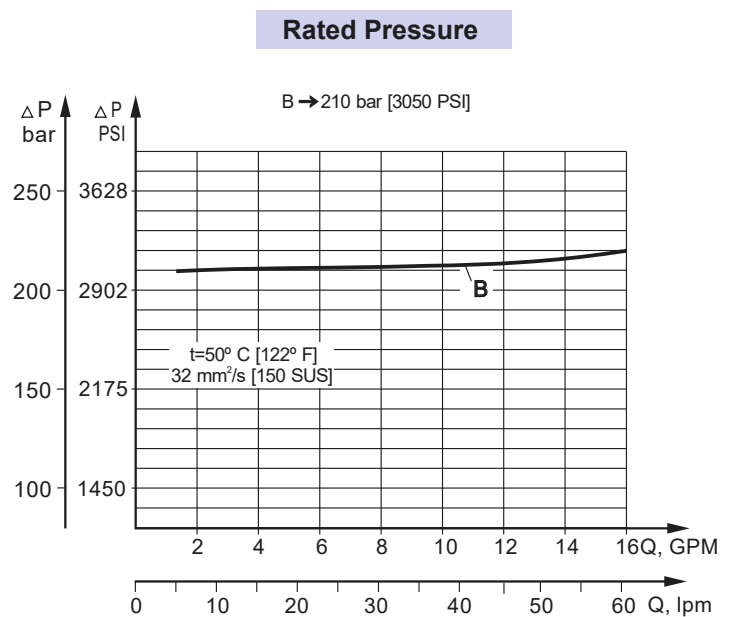
KPDBR210-250/1/D

INTRODUCTION

"M+S Hydraulic" introduces a new valve, which contains two relief valves and two overcentre valves with shuttle valve, flangeable on **MP, MH and MR** motors. Usually flanged on winch driving brake motors with pressure released brake, to control load lowering and avoid unwanted acceleration.



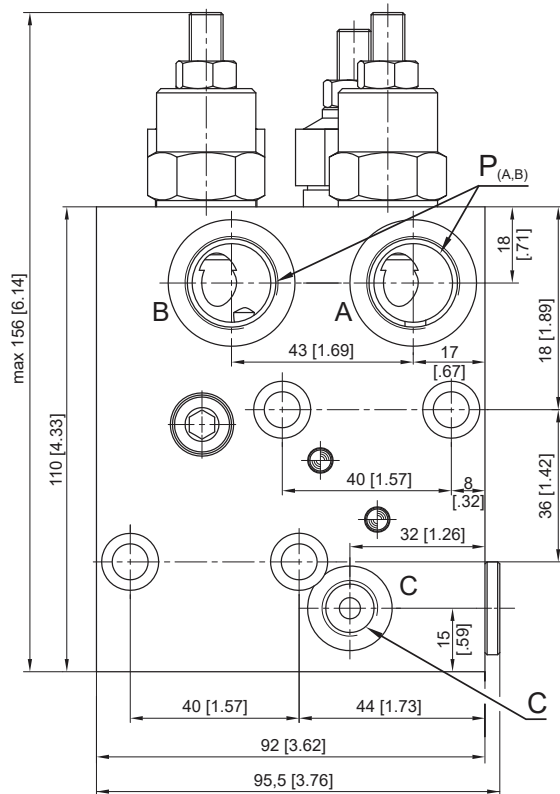
Double-acting Overcenter Valves
with Brake Control
type KPDBR...



SPECIFICATION DATA

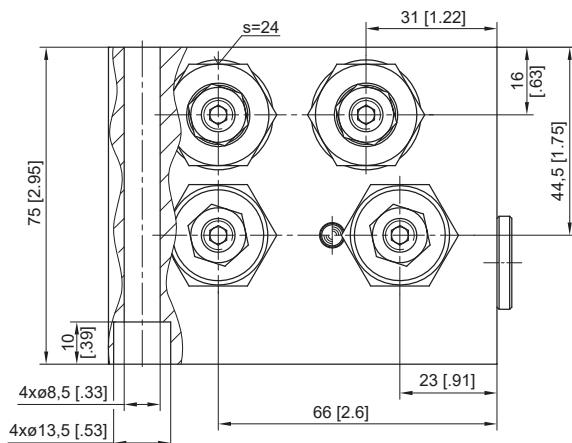
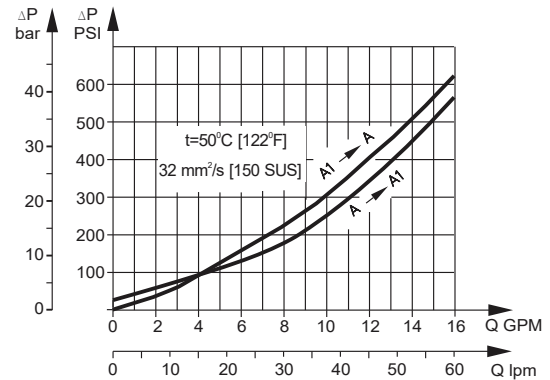
Parameters	Type	
	KPDBR.....	
Flow Rate, l/min [GPM]	60 [15.85]	
Rated Pressure	80 ÷ 210	
Relief Valve*, bar [PSI]	[435 ÷ 1450]	
Rated Pressure	80 ÷ 250	
Overcenter*, bar [PSI]	[1160 ÷ 3625]	
Pilot Ratio	4,25:1	
Weight, kg [lb]	5,200 [11.46]	

*Pressure Settings are at flow rate of 5 lpm and viscosity 32 mm²/s (50°C).



	Thread Ports - P _(A,B)	Thread Ports - C
-	G1/2 16 [.63] deep	G1/4 12 [.47] deep
M	M22x1,5 16 [.63] deep	M14x1,5 12 [.47] deep
A	7/8 - 14 UNF O-ring, 16 [.63] deep	7/16 - 20 UNF O-ring, 12 [.47] deep

PRESSURE LOSSES



Note : KPDBR... Blocks are installed directly on MP, MH and MR Motors with four bolts M8x75 - 8.8 DIN912.
Tightening torque $1,7^{+0,2}$ daNm [150^{+18} lb-in].