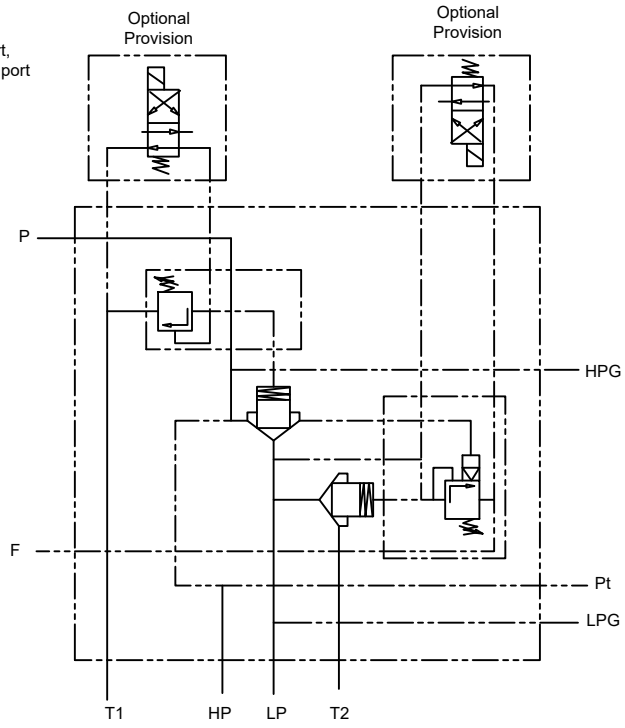
Description

Designed to control Double pump of Hi-Low system. Unloads low pressure pump when system pressure rises above the pressure set on unloader valve. Relieves high pressure pump when system pressure reaches the value. Solenoid unloading facility available as an option

Hydraulic Symbol

PCM 20/06 and PCM 20/10 with Filter port,
Relief Valve tank line, Combining T1 and T2 port



Connection Details

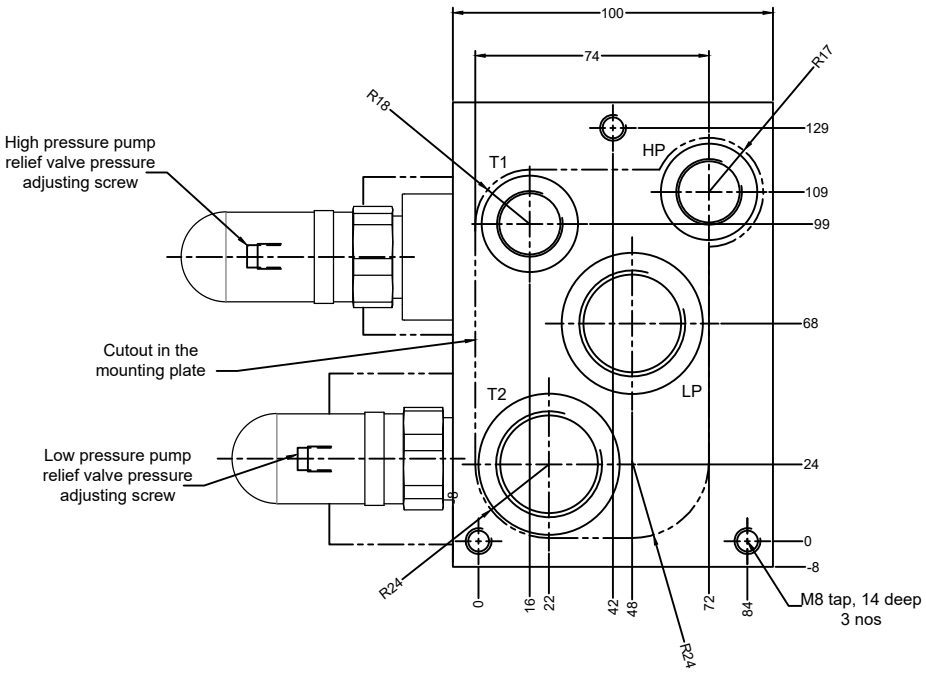
HP --- High pressure pump connection
LP --- Low pressure pump connection
P --- Out let connection
HPG -- Gauge connection on high pressure pump line
LPG -- Gauge connection on low pressure pump line
Pt --- Pilot pressure connection (Optional)
T1 --- Tank connection of high pressure relief valve
T2 --- Tank connection of low pressure unloader valve
F ---- Filter port connection (T1 & T2)

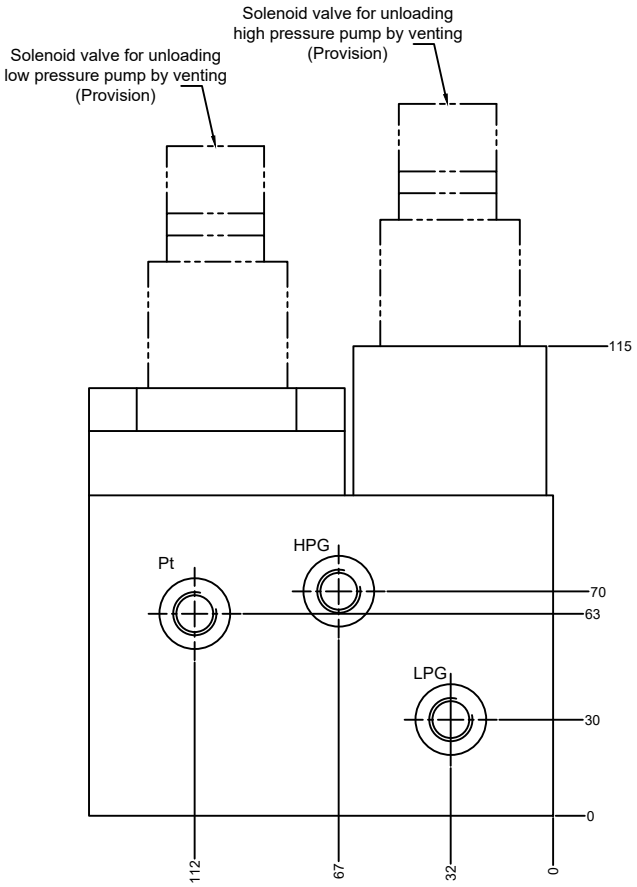
Model :PCM 20/06 & 20/10

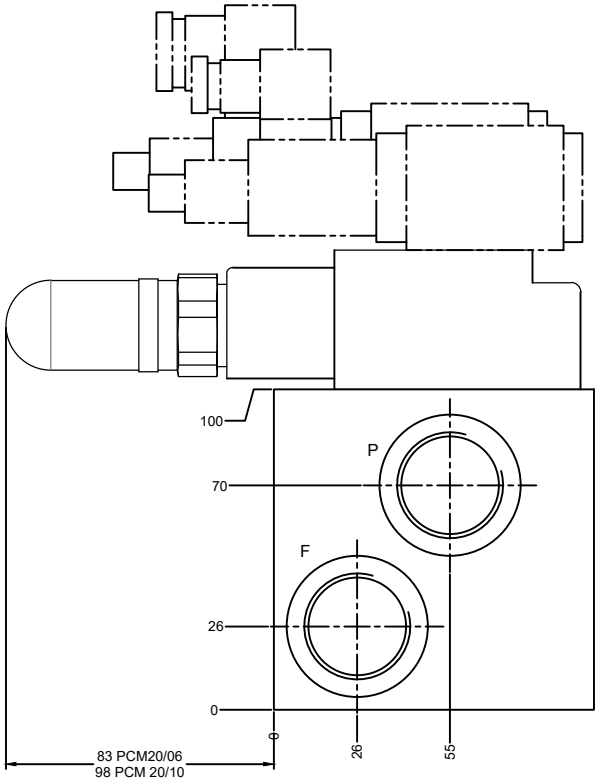
Dimensions in mm

Unit Dimensions

Port Detail	
HP	G1/2
LP	G1
P	G1
Pt	G1/4
HPG	G1/4
LPG	G1/4
T1	G1/2
T2	G1
F	G1







Technical Specification

Design	:	PCM 20/06 & 20/10 are Direct acting poppet type high pressure relief valve. Two stage poppet type low pressure unloading valve,
Mounting interface	:	Threaded body (Factory standard)
Mounting position	:	Optional
Flow direction	:	As per hydraulic symbol
Opp Pressure for	:	Low pressure pump port 50 and 100 bar High pressure pump port 100,200 and 315 bar
Hydraulic medium	:	Mineral oil
Viscosity range	:	10 cSt to 100 cSt
Temperature range	:	-20°C to +80°C
Fluid cleanliness req.	:	ISO 4406 20/18/15 or better
Flow handling capacity	:	

Model	High Pressure Max.	Low Pressure Max.
PCM 20-06	25 l/min	160 l/min
PCM 20-10	60 l/min	160 l/min

Ordering Code