FLUCOM ITALY

LOAD SENSING PRIORITY VALVES

FOUR WAY EXTERNAL LOAD SENSING SIGNAL

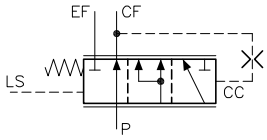
LSV 30

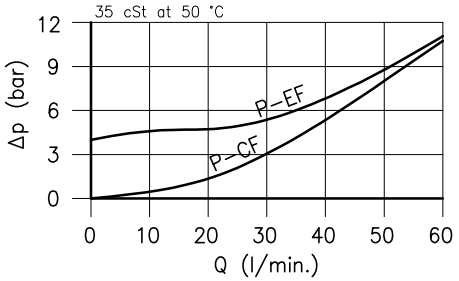
06.140

01.07

Technical features

The priority valves LSV 30 are to be used mainly on hydraulic steering systems with power steering unit type Load Sensing. These valves allways assure priority to the power steering unit, automatically meter the required flow and send the overflow to port EF.
The lines P, LS, and EF must be protected with separated relief valves.



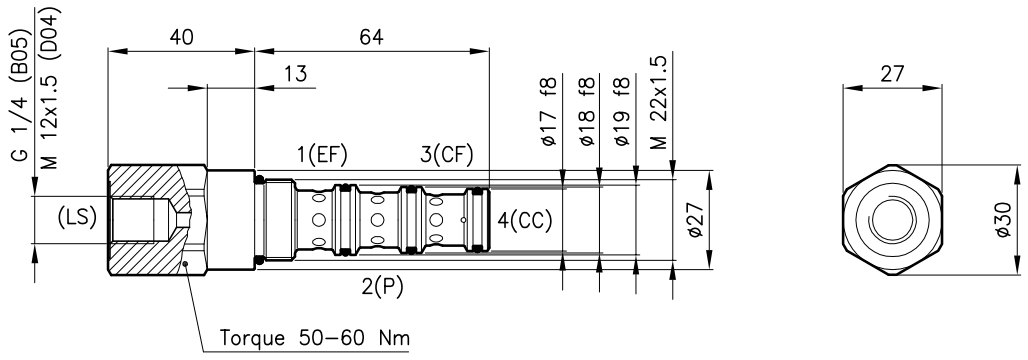


Cavity (For dimensions see catalogue 17.000)		S 30/4
Max. flow in P line	(l/min.)	60
Max. flow in CF line	(l/min.)	40
Max. pressure in P line	(bar)	315
Max. pressure in EF line	(bar)	315
Max. pressure in CF line	(bar)	250
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	–20 +80
Mass	(kg)	0.210
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)		
Standard seals in Polyurethane and Buna N		

Connections:

P = Pump
CF = Priority flow (power steering)
EF = Excedent flow (auxiliary)
LS = Load sensing

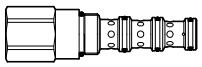
Dimensions



Ordering informations

LSV 30/M–B05

LSV 30 = Valve type



Standard springs

Type Setting

M = 10 bar

LS port

B05 = G 1/4

D04 = M 12x1.5

Codes:

LSV 30/M–B05	33 011 144
LSV 30/M–D04	33 011 143
External seals kit	90 620 105

LSV 30 valves can be assembled on standard bodies 30–CC series; for dimensions see catalogue 16.011