Types

OLSA 40/80

The OLSA 40 and OLSA 80 “flange on” priority valves are used in load sensing steering systems, built onto OSPC LS (OLSA) and OSPD LS (OLSA) steering units.

OLSA 40, OLSA 80

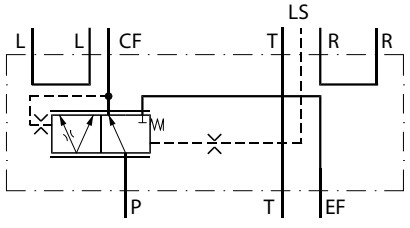


The program of OLSA covers:

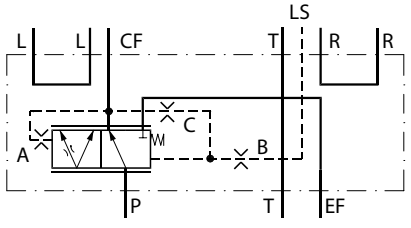
- For max pump flow 40 and 80 l/min
- For LS static and LS dynamic steering units

Schematics

OLSA static (left); OLSA dynamic (right)



152B135.11



152B170.11

A: PP-damping orifice

B: LS orifice

C: Dynamic orifice

Code numbers

OLSA static priority valves for OSPC/OSPD load sensing static steering units

OLSA 40 static and OLSA 80 static

Priority valve	Metric connections T,R,L: G 3/8 P, EF: G 1/2	Imperial connections T, R, L: 9/16 - 18 UNF P, EF: 7/8 - 14 UNF	Control spring pressure bar [psi]
OLSA 40	152B0001	-	4 [58]
OLSA 40	152B0002	152B0122	7 [101.5]
OLSA 40	152B0003	152B0124	10 [145]
OLSA 80	152B0016	152B0019	4 [58]
OLSA 80	152B0017	152B0020	7 [101.5]
OLSA80	152B0015	152B0125	10 [145]

OLS static priority valves for OSPB/OSPC/OSPD/OSPL LS static steering units

OLSi 80 static code numbers, black painted

Priority valve	Metric connections LS: G 1/4 P, EF, CF: G 1/2	Imperial connections LS: 7/16 - 20 UNF CF: 3/4 -16 UNF P, EF: 7/8 - 14 UNF	Control spring pressure bar [psi]
OLSi 80	11293538	11293532	4 [58]
OLSi 80	11293539	11293533	7 [101.5]
OLSi 80	11293540	11293534	10 [145]

OLS 120 static code numbers

Priority valve	Metric connections LS: G 1/4 CF: G 1/2 P, EF: G 3/4	Imperial connections LS: 7/16 -20 UNF CF: 3/4 - 16 UNF P, EF: 1 1/16 - 12 UNF	Control spring pressure bar [psi]
OLS 120	152B2232	152B2238	7 [101.5]
OLS 120	152B2233	152B2239	10 [145]

OLS 160 static code numbers

Priority valve	Metric connections LS, PP, T: G 1/4 CF: G 1/2 P, EF: G 3/4	Imperial connections LS, PP, T: 7/16 -20 UNF CF: 3/4 - 16 UNF P, EF: 1 1/16 - 12 UNF	Control spring pressure bar [psi]	Pilot pressure relief valve bar [psi]
OLS 160	152B1005	152B1085	7 [101.5]	170 [2465]
OLS 160	152B1006	152B1086	10 [145]	170 [2465]

OLSP 80 static code numbers

Priority valve	Metric connections LS: G 1/4 CF: G 3/8 EF: G 1/2	Control spring pressure bar [psi]
OLSP 80 static	152B5002	4 [58]