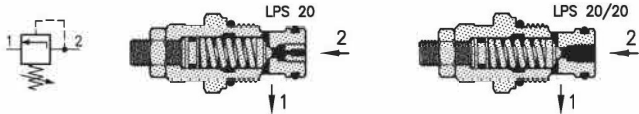
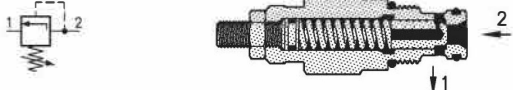
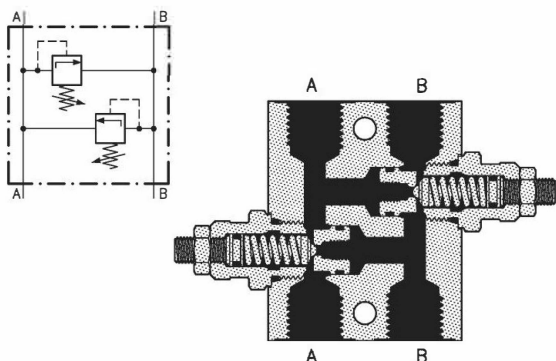
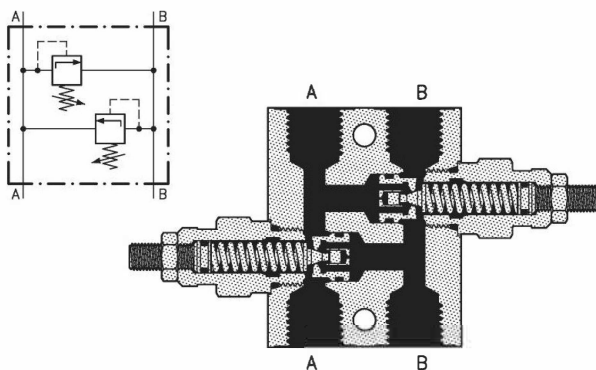
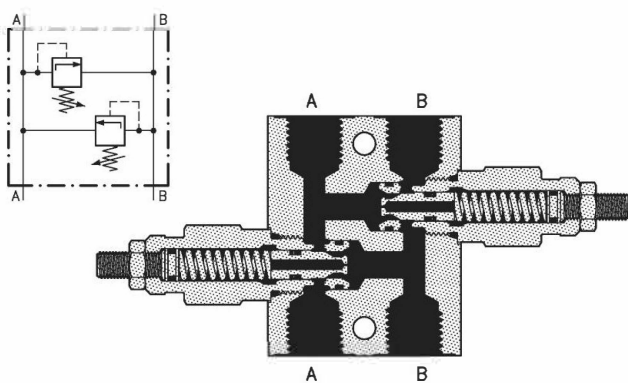


Pressure relief valves.

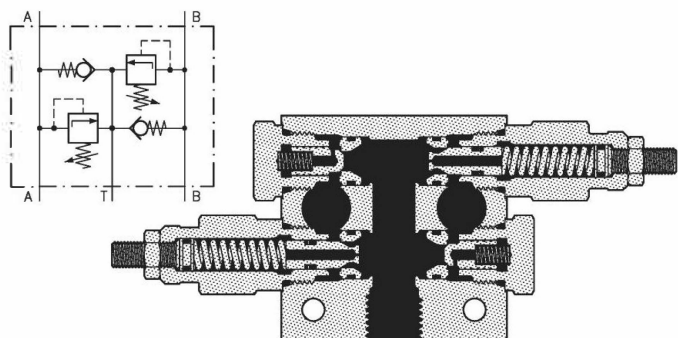
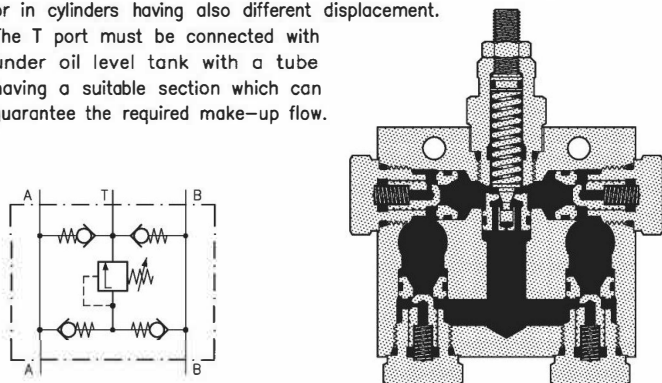
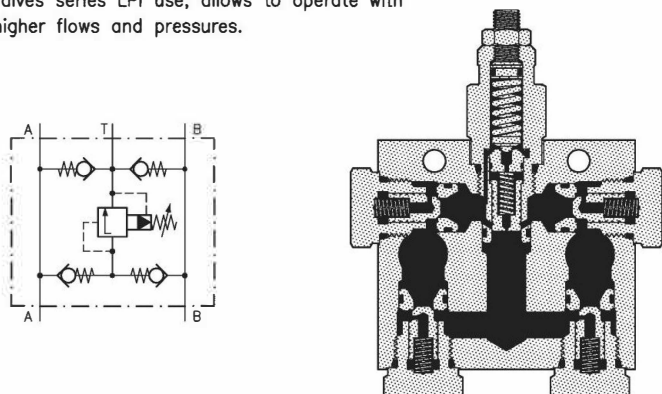
They are indispensable in most of all hydraulic applications in order to limit the pressure, to prevent shocks and to protect from overload. They are classified in direct acting and pilot operated valves and are manufactured in many models. The following schedule reports the main technical and use features: for further informations please look up in the technical detailed schedules.

Main features	Type	Q max. (l/min.)	P max. (bar)	Technical schedule
LPS 20 series – direct acting ball-type. They have good reseal without pressure peack. Are used for remote control of valves or logical elements and for infrequent duty relief or thermal expansion relief. 	LPS 20	2	420	02.020
	LPS 20/20	12	420	02.030
LPE series – direct acting guided conical poppet-type. They have't a pressure peack, the pressure-flow trend is good. Generally are used as main pressure relief valve for continuous service or in dual cross-over valves in frequent intermittences applications. 	LPE 20	30	210	02.040
LPA series – direct acting guided conical poppet-type. They have a low pressure peack and a good flow-pressure trend. Generally are used as main pressure relief valve for continuous service. 	LPA 10	15	350	02.050
	LPA 20	20	350	02.060
	LPA 30	50	350	02.070
LPB series – direct acting differential poppet-type. They can stand high back pressure and have fast act with low pressure peack. Mainly are used as dual cross-over valves in frequent intermittences applications. 	LPB 10	20	350	02.078
	LPB 20	50	350	02.080
	LPB 30	90	350	02.090
	LPB 50	160	350	02.100
	LPB 70	360	350	02.110
LPI series – pilot operating spool-type. They distinguish themselves by their first-rate stability, their large passing orifice and their good reseal. Thanks to the very good flow-pressure trend, they are recommended for industrial applications which may result particularly heavy and for continuous service. 	LPI 30	90	420	02.120
	LPI 50	160	420	02.130
	LPI 70	320	420	02.140
LPT series – direct acting spool-type for low pressure settings. 	LPT 30	30	50	02.160

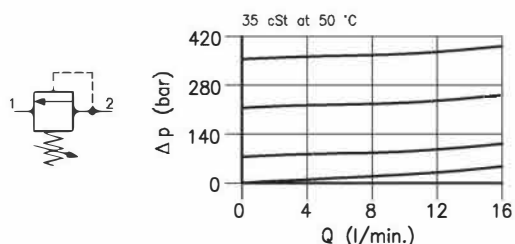
02

Main features	Type	Q max. (l/min.)	P max. (bar)	Technical schedule
LPS 20/20 series CSL 03 circuit. They assemble two relief valves, series LPS 20/20 and are utilized to prevent shocks or are used as protection from thermal expansions. They can only be used on hydraulic motors or on actuators having the same displacement on both parts. 	LPS 20/20 CSL 03	12	315	02.210
LPE and LPA series CSL 03 circuit. They assemble two relief valves, series LPE or LPA and are used to control pressure on both line A and line B. They can only be used on hydraulic motor or on actuator having the same displacement on both parts. 	LPE 20 CSL 03	30	210	02.215
	LPA 20 CSL 03	20	210	02.220
	LPA 30 CSL 03	50	210	02.230
LPB series CSL 03 circuit. They assemble two relief valves, series LPB, are used as dual cross over valve on both lines. They can only be used on hydraulic motors or on actuators having the same displacement on both parts. 	LPB 20 CSL 03	50	350	02.240
	LPB 30 CSL 03	90	350	02.250
	LPB 50 CSL 03	160	350	02.260
	LPB 70 CSL 03	360	350	02.270

02_001

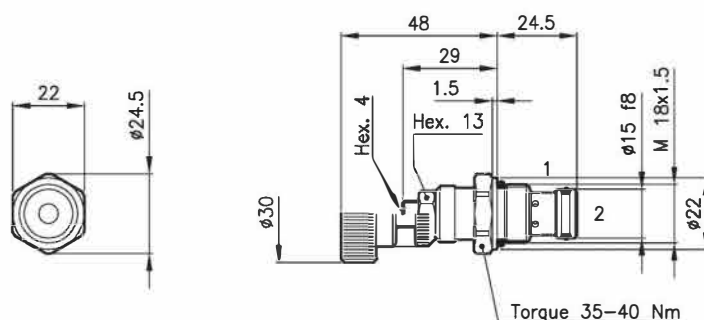
Main features	Type	Q max. (l/min.)	P max. (bar)	Technical schedule
LPB series CSL 04 circuit. They assemble two pressure relief valves series LPB and two check valves. Generally are used as dual relief make-up check valves in hydraulic motors or in cylinders having also different displacement. The T port must be connected with under oil level tank with a tube having a suitable section which can guarantee the required make-up flow. 	LPB 20 CSL 04	50	350	02.300
	LPB 30 CSL 04	90	350	02.310
	LPB 50 CSL 04	160	350	02.320
	LPB 70 CSL 04	360	350	02.330
LPE and LPA series CSL 06 circuit. They assemble one pressure relief valve series LPE or LPA and four check valves. Generally are used as dual relief make-up check valves in hydraulic motors or in cylinders having also different displacement. The T port must be connected with under oil level tank with a tube having a suitable section which can guarantee the required make-up flow. 	LPE 20 CSL 06	30	210	02.335
	LPA 20 CSL 06	20	350	02.340
	LPA 30 CSL 06	50	350	02.350
LPI series CSL 06 circuit. They have functional features like LPE and LPA-CSL 06 series, the pilot valves series LPI use, allows to operate with higher flows and pressures. 	LPI 30 CSL 06	90	420	02.360
	LPI 50 CSL 06	160	420	02.370
	LPI 70 CSL 06	320	420	02.380

Technical features



Cavity	(For dimensions see catalogue 17.000)	S 20/2
Max. flow	(l/min.)	12
Max. inlet pressure	(bar)	420
Max. pressure on line 1	(bar)	210
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.075
Cracking pressure 95% of setting value		
Reseat pressure 90% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 5 l/min.		
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		

Dimensions



Ordering informations

LPS 20/20-D-N

LPS 20 = Valve type



Standard springs

Type	Setting range	Factory set
D	7 – 210 bar	140 bar
Q	105 – 420 bar	315 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

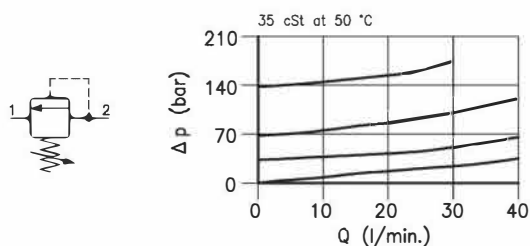


Codes:

LPS 20/20-D-N	21 011 102
LPS 20/20-Q-N	21 011 103
LPS 20/20-D-V	21 011 100
LPS 20/20-Q-V	21 011 101
External seals kit	90 620 100

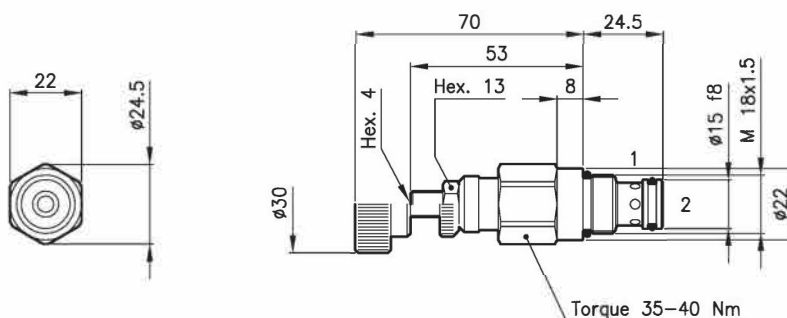
LPS 20/20 valves can be assembled on standard bodies 20-LO series; for dimensions see catalogue 16.010

Technical features



Cavity	(For dimensions see catalogue 17.000)	S 20/2
Max. flow	(l/min.)	30
Max. inlet pressure	(bar)	210
Max. pressure on line 1	(bar)	210
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.125
Cracking pressure 90% of setting value		
Reseat pressure 80% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 5 l/min.		
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		

Dimensions



Ordering informations

LPE 20/D-N

LPE 20 = Valve type



Standard springs

Type	Setting range	Factory set
U	= 10 – 90 bar	35 bar
D	= 35 – 140 bar	70 bar
T	= 70 – 210 bar	140 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

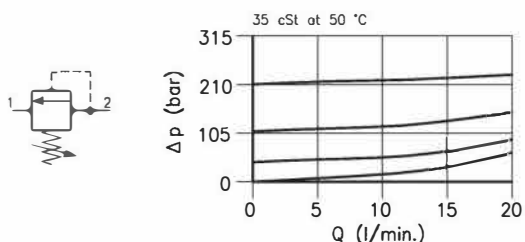


Codes:

LPE 20/U-N	21 011 215
LPE 20/D-N	21 011 216
LPE 20/T-N	21 011 217
LPE 20/U-V	21 011 218
LPE 20/D-V	21 011 219
LPE 20/T-V	21 011 220
External seals kit	90 620 100

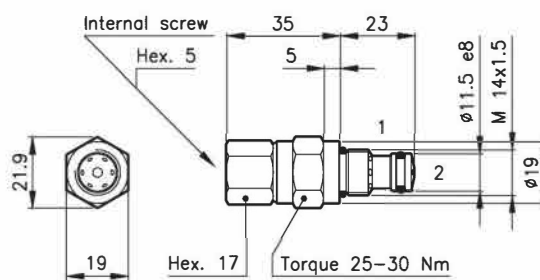
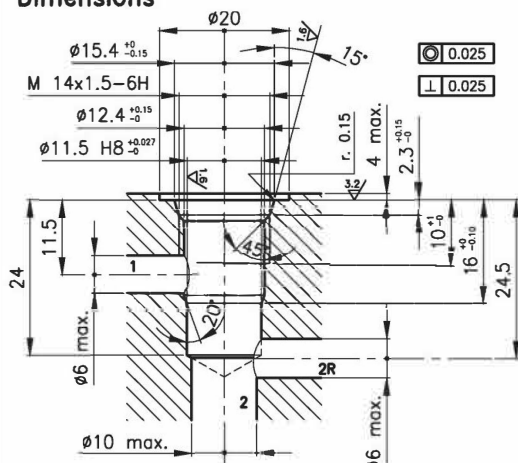
LPE 20 valves can be assembled on standard bodies 20-L0 series; for dimensions see catalogue 16.010

Technical features



Max. flow	(l/min.)	15
Max. inlet pressure	(bar)	420
Max. pressure on line 1	(bar)	210
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.110
Cracking pressure 90% of setting value		
Reseat pressure 80% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 5 l/min.		
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		

Dimensions



Ordering informations

LPA 10/D-I

LPA 10 = Valve type



Standard springs

Type	Setting range	Factory set
U	7 - 70 bar	35 bar
D	35 - 175 bar	105 bar
T	70 - 350 bar	210 bar
Q	105 - 420 bar	315 bar

Adjustment type

I = Special adjustment

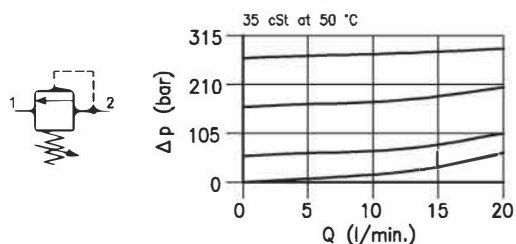


Codes:

LPA 10/U-I	11 011 109
LPA 10/D-I	11 011 110
LPA 10/T-I	11 011 111
LPA 10/Q-I	11 011 112
External seals kit	90 620 121

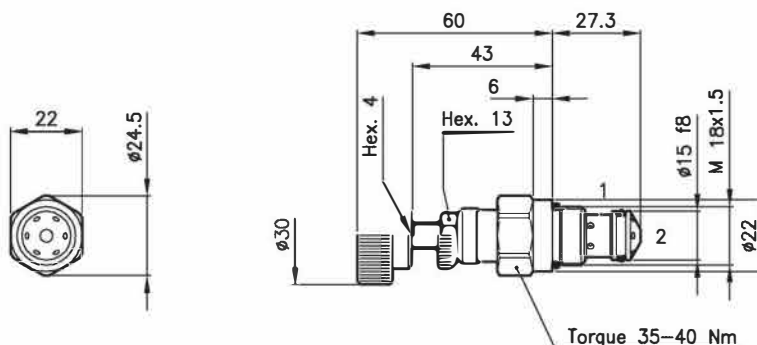
LPA 10 valves can be assembled on standard bodies 10-L0 series; for dimensions see catalogue 16.010

Technical features



Cavity	(For dimensions see catalogue 17.000)	S 20/2
Max. flow	(l/min.)	20
Max. inlet pressure	(bar)	420
Max. pressure on line 1	(bar)	210
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.120
Cracking pressure 90% of setting value		
Reseat pressure 80% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 5 l/min.		
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		

Dimensions



Ordering informations

LPA 20 = Valve type



Standard springs

Type	Setting range	Factory set
O	= 3 – 30 bar	18 bar
U	= 10 – 105 bar	70 bar
D	= 70 – 210 bar	140 bar
T	= 140 – 350 bar	280 bar
Q	= 105 – 420 bar	315 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

LPA 20/D-N



Codes:

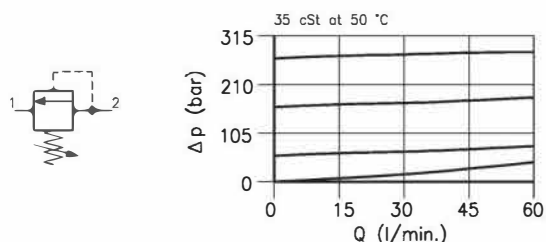
LPA 20/O-N	21 011 288
LPA 20/U-N	21 011 104
LPA 20/D-N	21 011 105
LPA 20/T-N	21 011 106
LPA 20/Q-N	21 011 286

LPA 20/O-V	21 011 289
LPA 20/U-V	21 011 119
LPA 20/D-V	21 011 120
LPA 20/T-V	21 011 121
LPA 20/Q-V	21 011 287

External seals kit 90 620 100

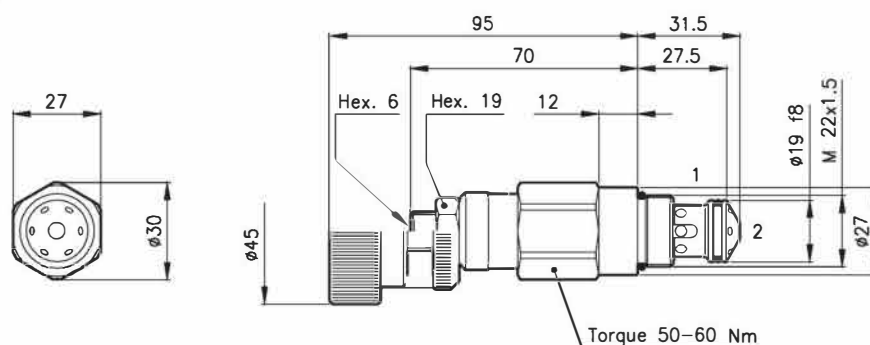
LPA 20 valves can be assembled on standard bodies 20-LO series; for dimensions see catalogue 16.010

Technical features



Cavity	(For dimensions see catalogue 17.000)	S 30/2
Max. flow	(l/min.)	50
Max. inlet pressure	(bar)	350
Max. pressure on line 1	(bar)	210
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.270
Cracking pressure 90% of setting value		
Reseat pressure 80% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPA 30/D-N

LPA 30 = Valve type



Standard springs

Type	Setting range	Factory set
O	0.5 - 36 bar	15 bar
U	10 - 105 bar	70 bar
D	70 - 210 bar	140 bar
T	140 - 350 bar	280 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

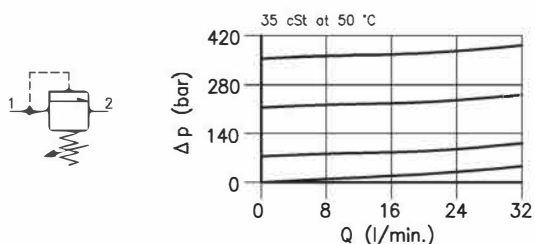


Codes:

LPA 30/O-N	31 011 288
LPA 30/U-N	31 011 107
LPA 30/D-N	31 011 108
LPA 30/T-N	31 011 109
LPA 30/O-V	31 011 289
LPA 30/U-V	31 011 122
LPA 30/D-V	31 011 123
LPA 30/T-V	31 011 124
External seals kit	90 620 103

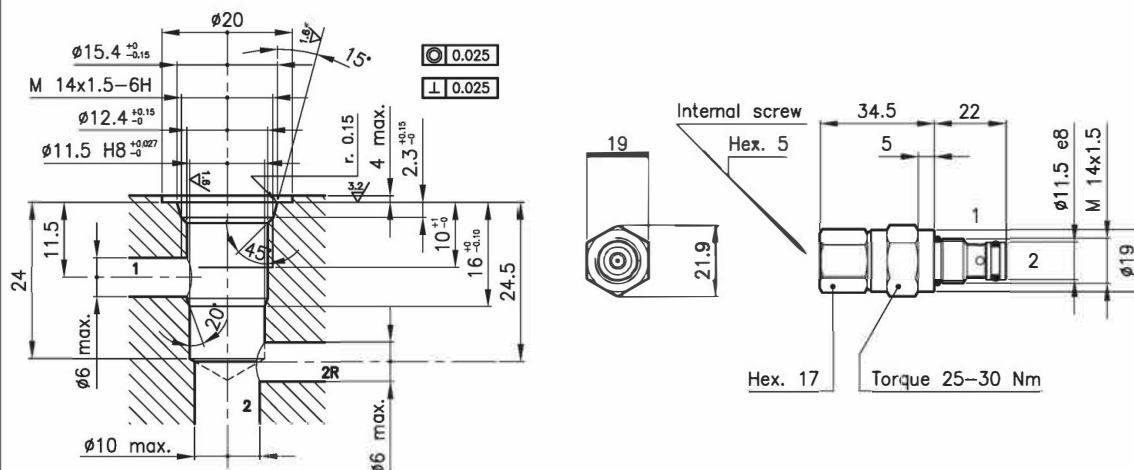
LPA 30 valves can be assembled on standard bodies 30-LO series; for dimensions see catalogue 16.010

Technical features



Max. flow	(l/min.)	25
Max. inlet pressure	(bar)	315
Max. pressure on line 2	(bar)	315
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.110
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 5 l/min.		
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		

Dimensions



Ordering informations

LPB 10/D-C-I

LPB 10 = Valve type



Standard springs

Type	Setting range	Factory set
D	20 – 140 bar	70 bar
Q	70 – 315 bar	210 bar

Compact

Adjustment type

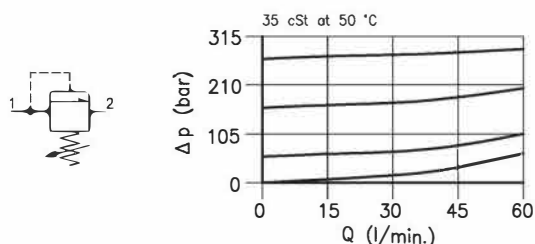
I = Special adjustment



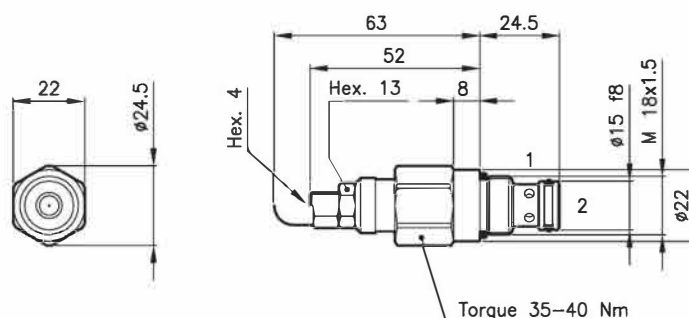
Codes:

LPB 10/D-C-I	11 011 115
LPB 10/Q-C-I	11 011 116
External seals kit	90 620 121

LPB 10 valves can be assembled on standard bodies 10-LO series; for dimensions see catalogue 16.010

Technical features


Cavity	(For dimensions see catalogue 17.000)	S 20/2
Max. flow	(l/min.)	50
Max. inlet pressure	(bar)	350
Max. pressure on line 2	(bar)	350
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.125
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions

Ordering informations
LPB 20/D-N

LPB 20 = Valve type



Standard springs

Type	Setting range	Factory set
U	= 10 – 105 bar	70 bar
D	= 70 – 210 bar	140 bar
T	= 140 – 350 bar	280 bar

Adjustment type

N = Standard adjustment

NB = Cover Cap adjustment

(not available for setting range U type)



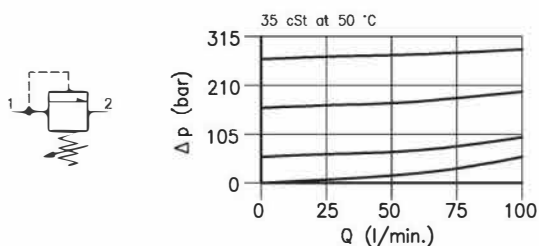
Codes:

LPB 20/U-N	21 011 107
LPB 20/D-N	21 011 108
LPB 20/T-N	21 011 109
LPB 20/D-NB	21 011 154
LPB 20/T-NB	21 011 155

External seals kit 90 620 100

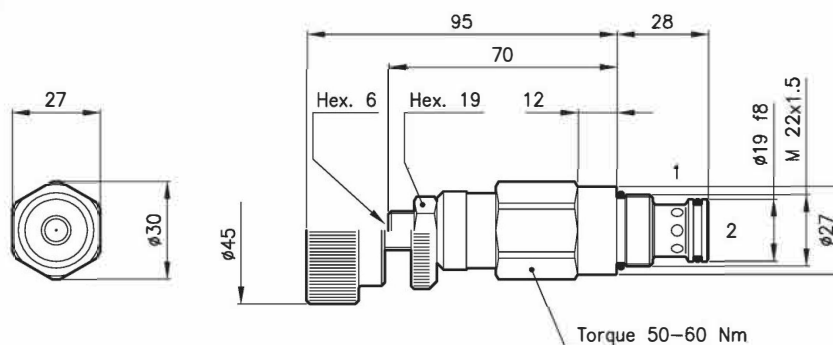
LPB 20 valves can be assembled on standard bodies 20-LO series; for dimensions see catalogue 16.010

Technical features



Cavity	(For dimensions see catalogue 17.000)	S 30/2
Max. flow	(l/min.)	90
Max. inlet pressure	(bar)	350
Max. pressure on line 2	(bar)	350
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.270
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

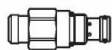
Dimensions



Ordering informations

LPB 30/D-N

LPB 30 = Valve type



Standard springs

Type	Setting range	Factory set
U	10 – 105 bar	70 bar
D	70 – 210 bar	140 bar
T	140 – 350 bar	280 bar

Adjustment type

N = Standard adjustment

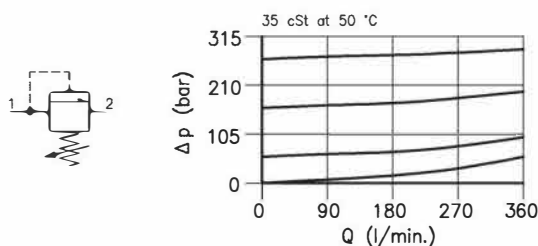
V = Handknob adjustment



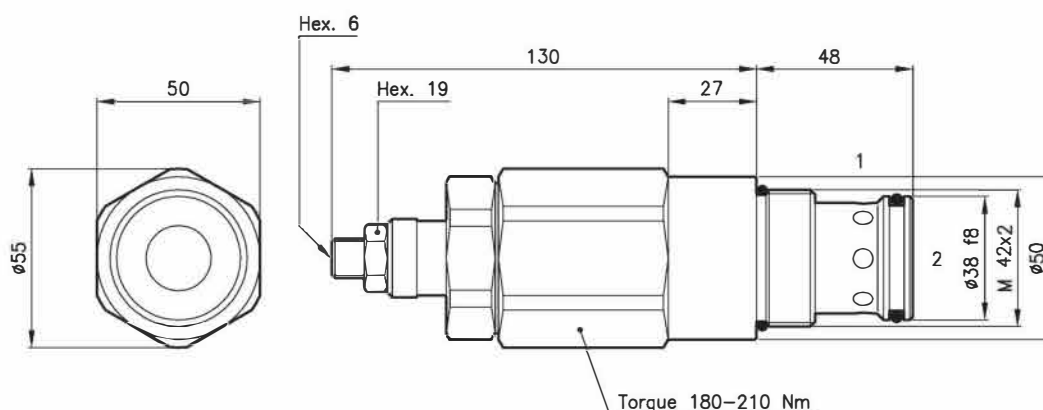
Codes:

LPB 30/U-N	31 011 104
LPB 30/D-N	31 011 105
LPB 30/T-N	31 011 106
LPB 30/U-V	31 011 245
LPB 30/D-V	31 011 247
LPB 30/T-V	31 011 248
External seals kit	90 620 103

LPA 30 valves can be assembled on standard bodies 30-LO series; for dimensions see catalogue 16.010

Technical features


Cavity	(For dimensions see catalogue 17.000)	S 70/2
Max. flow	(l/min.)	360
Max. inlet pressure	(bar)	350
Max. pressure on line 2	(bar)	350
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	1.100
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions

Ordering informations
LPB 70/D-N
LPB 70 = Valve type


Standard springs

Type	Setting range	Factory set
U	10 – 105 bar	70 bar
D	70 – 210 bar	140 bar
T	140 – 350 bar	280 bar

Adjustment type

N = Standard adjustment

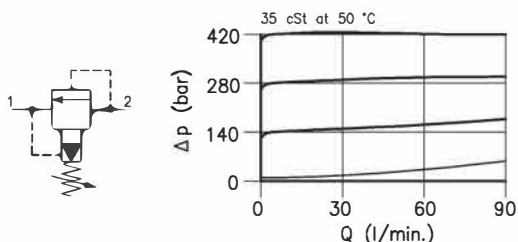

Codes:

LPB 70/U-N	71 011 118
LPB 70/D-N	71 011 119
LPB 70/T-N	71 011 120

External seals kit 90 620 106

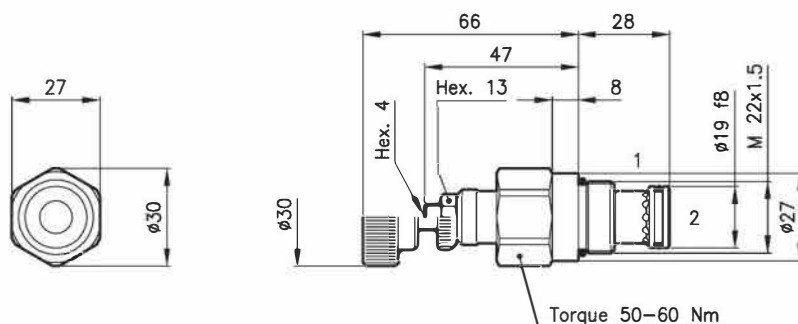
LPB 70 valves can be assembled on standard bodies 70-L0 series; for dimensions see catalogue 16.010

Technical features



Cavity	(For dimensions see catalogue 17.000)	S 30/2
Max. flow	(l/min.)	90
Max. inlet pressure	(bar)	420
Max. pressure on line 1	(bar)	210
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Max. leakage	(cm ³ /min.)	25
Mass	(kg)	0.180
Cracking pressure 95% of setting value		
Reseat pressure 85% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPI 30/D-N

LPI 30 = Valve type



Standard springs

Type	Setting range	Factory set
D	= 14 – 210 bar	140 bar
Q	= 105 – 420 bar	315 bar

Adjustment type

N = Standard adjustment

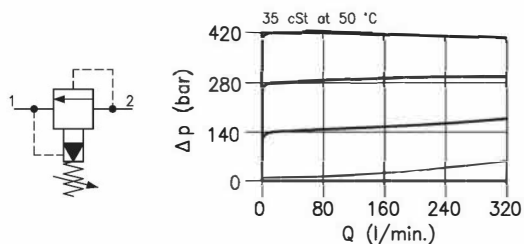
V = Handknob adjustment



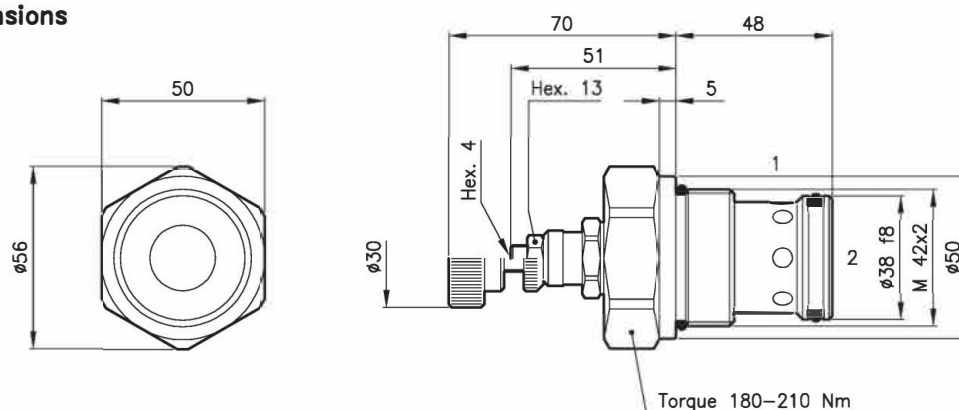
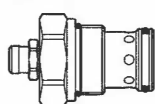
Codes:

LPI 30/D-N	31 011 101
LPI 30/Q-N	31 011 102
LPI 30/D-V	31 011 117
LPI 30/Q-V	31 011 118
External seals kit	90 620 103

LPI 30 valves can be assembled on standard bodies 30-LO series; for dimensions see catalogue 16.010

Technical features


Cavity	(For dimensions see catalogue 17.000)	S 70/2
Max. flow	(l/min.)	320
Max. inlet pressure	(bar)	420
Max. pressure on line 1	(bar)	210
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Max. leakage	(cm ³ /min.)	50
Mass	(kg)	0.550
Cracking pressure 95% of setting value		
Reseat pressure 85% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolute)		
Standard seals in Polyurethane and Buna N		

Dimensions

Ordering informations
LPI 70 = Valve type


Standard springs

Type	Setting range	Factory set
D	= 14 – 210 bar	140 bar
Q	= 105 – 420 bar	315 bar

Adjustment type

- N** = Standard adjustment
V = Handknob adjustment

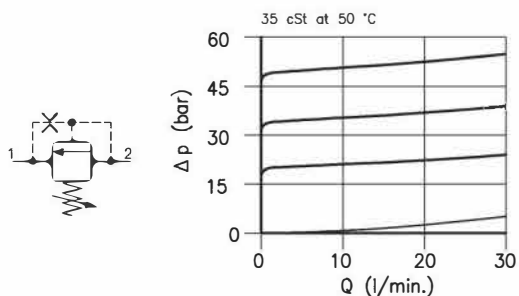


Codes:

LPI 70/D-N	71 011 100
LPI 70/Q-N	71 011 103
LPI 70/D-V	71 011 104
LPI 70/Q-V	71 011 105
External seals kit	90 620 109

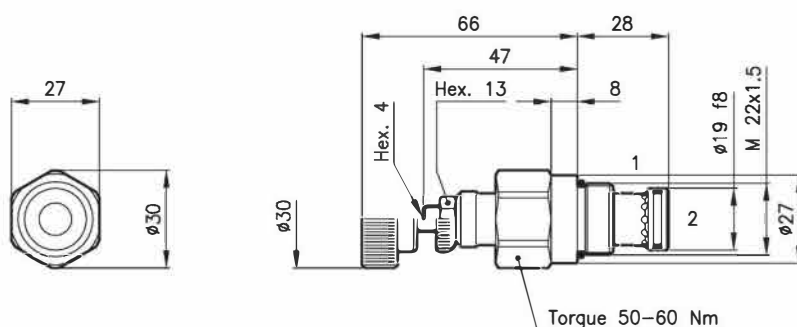
LPI 70 valves can be assembled
on standard bodies 70-L0 series;
for dimensions see catalogue 16.010

Technical features



Cavity	(For dimensions see catalogue 17.000)	S 30/2
Max. flow	(l/min.)	30
Max. inlet pressure	(bar)	55
Drain at max. pressure	(cm ³ /min.)	800
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.180
Cracking pressure 90% of setting value		
Reseat pressure 80% of setting value		
Cracking pressure defined with 2 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPT 30/D-N

LPT 30 = Valve type



Standard springs

Type	Setting range	Factory set
U	= 3.5 – 21 bar	15 bar
D	= 7 – 35 bar	20 bar
T	= 14 – 50 bar	35 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment



Codes:

LPT 30/U-N	31 011 211
LPT 30/D-N	31 011 212
LPT 30/T-N	31 011 213
LPT 30/U-V	31 011 214
LPT 30/D-V	31 011 215
LPT 30/T-V	31 011 216
External seals kit	90 620 103

LPT 30 valves can be assembled on standard bodies 30-LO series; for dimensions see catalogue 16.010

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PRESSURE RELIEF VALVE

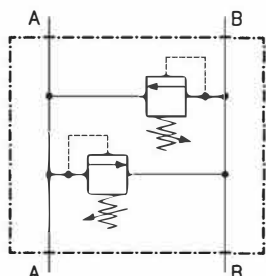
DUAL CROSS-LINE

LPS 20/20-CSL 03

02.210

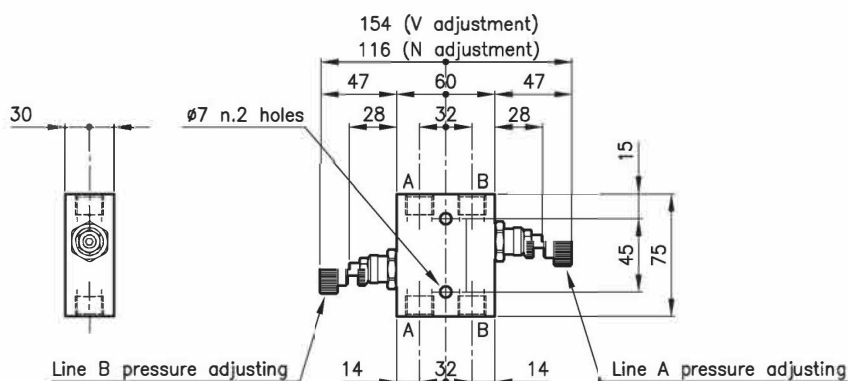
01.96

Technical features



Valves	(For features see catalogue 02.030)	LPS 20/20
Max. flow	(l/min.)	12
Max. pressure	(bar)	210/420
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.650
Cracking pressure 95% of setting value		
Reseat pressure 90% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained 5 l/min.		
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		

Dimensions



Ordering informations

LPS 20/20-D-N-CSL 03-B05

Valves type

Standard springs

Type Setting range

D = 7 - 210 bar

* **Q** = 105 - 420 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

Version

Standard ports

B05 = G 1/4 ISO 228

B06 = G 3/8 ISO 228

Codes:

LPS 20/20-D-N-CSL 03-B05 21 011 137

* LPS 20/20-Q-N-CSL 03-B05 21 011 138

LPS 20/20-D-V-CSL 03-B05 21 011 139

* LPS 20/20-Q-V-CSL 03-B05 21 011 140

LPS 20/20-D-N-CSL 03-B06 21 011 141

* LPS 20/20-Q-N-CSL 03-B06 21 011 142

LPS 20/20-D-V-CSL 03-B06 21 011 143

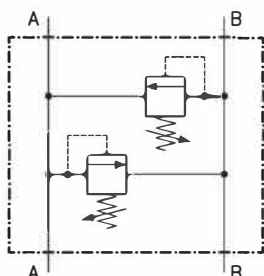
* LPS 20/20-Q-V-CSL 03-B06 21 011 144

Only body codes:

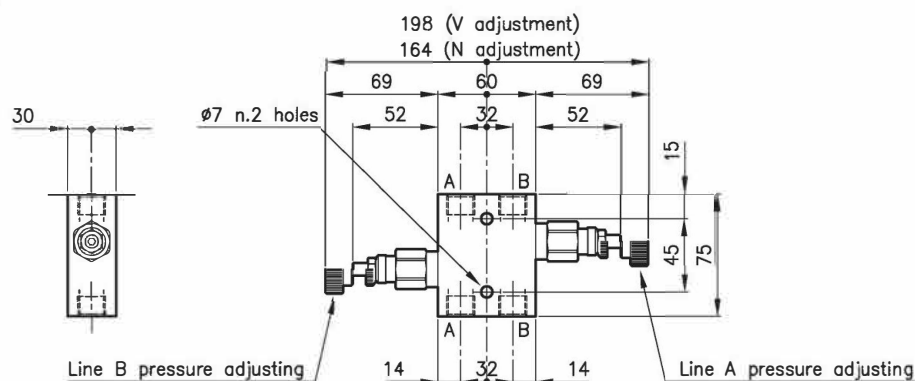
Body type 20-CSL 03-B05 28 144 107

Body type 20-CSL 03-B06 28 144 108

* Max. pressure of 420 bar is admitted in special applications only (for advice please ask our technical department).

Technical features


Valves	(For features see catalogue 02.040)	LPE 20
Max. flow	(l/min.)	30
Max. pressure	(bar)	210
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.750
Cracking pressure 90% of setting value		
Reseat pressure 80% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 5 l/min.		
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		

Dimensions

Ordering informations
LPE 20/D-N-CSL 03-B05

Valves type

Standard springs

Type Setting range

U = 10 - 90 bar

D = 35 - 140 bar

T = 70 - 210 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

Version

Standard ports

B05 = G 1/4 ISO 228

B06 = G 3/8 ISO 228

Codes:

LPE 20/U-N-CSL 03-B05 21 011 228

LPE 20/D-N-CSL 03-B05 21 011 229

LPE 20/T-N-CSL 03-B05 21 011 230

LPE 20/U-V-CSL 03-B05 21 011 231

LPE 20/D-V-CSL 03-B05 21 011 232

LPE 20/T-V-CSL 03-B05 21 011 233

LPE 20/U-N-CSL 03-B06 21 011 234

LPE 20/D-N-CSL 03-B06 21 011 235

LPE 20/T-N-CSL 03-B06 21 011 236

LPE 20/U-V-CSL 03-B06 21 011 237

LPE 20/D-V-CSL 03-B06 21 011 238

LPE 20/T-V-CSL 03-B06 21 011 239

Only body codes:

Body type 20-CSL 03-B05 28 144 107

Body type 20-CSL 03-B06 28 144 108

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PRESSURE RELIEF VALVES

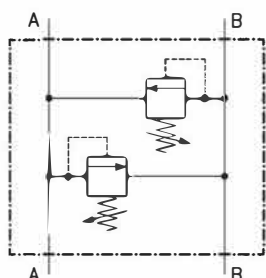
DUAL CROSS-LINE

LPA 20/CSL 03

02.220

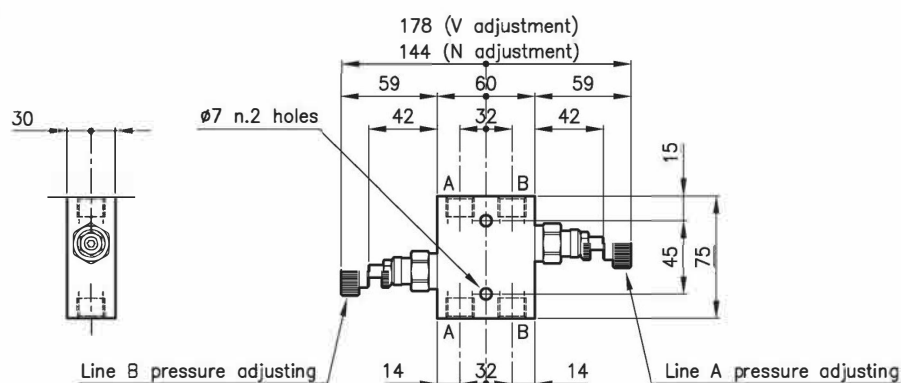
01.96

Technical features



Valves	(For features see catalogue 02.060)	LPA 20
Max. flow	(l/min.)	20
Max. pressure	(bar)	210
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.740
Cracking pressure 90% of setting value		
Reseat pressure 80% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 5 l/min.		
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		

Dimensions



Ordering informations

LPA 20/D-N-CSL 03-B05

Valves type

Standard springs

Type Setting range

U = 10 - 105 bar

D = 70 - 210 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

Version

Standard ports

B05 = G 1/4 ISO 228

B06 = G 3/8 ISO 228

Codes:

LPA 20/U-N-CSL 03-B05 21 011 129

LPA 20/D-N-CSL 03-B05 21 011 130

LPA 20/U-V-CSL 03-B05 21 011 131

LPA 20/D-V-CSL 03-B05 21 011 132

LPA 20/U-N-CSL 03-B06 21 011 133

LPA 20/D-N-CSL 03-B06 21 011 134

LPA 20/U-V-CSL 03-B06 21 011 135

LPA 20/D-V-CSL 03-B06 21 011 136

Only body codes:

Body type 20-CSL 03-B05 28 144 107

Body type 20-CSL 03-B06 28 144 108

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PRESSURE RELIEF VALVE

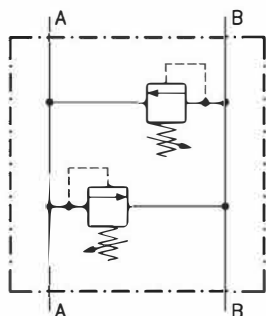
DUAL CROSS-LINE

LPA 30/CSL 03

02.230

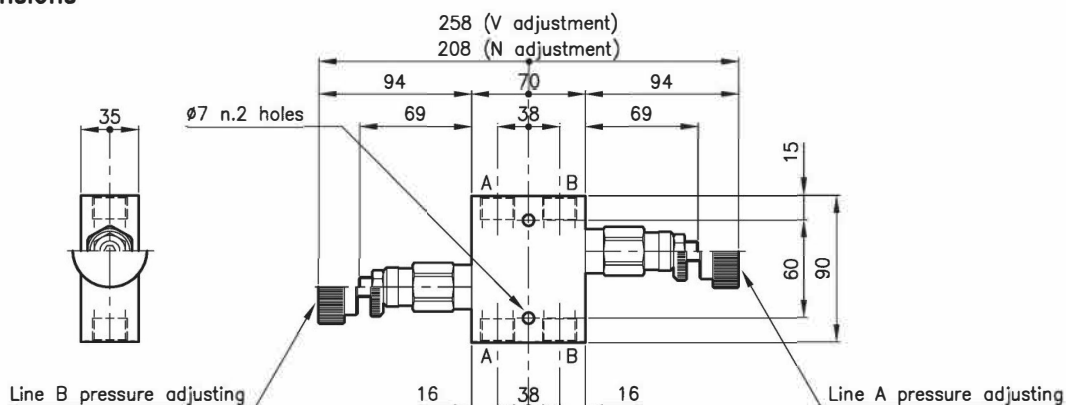
01.96

Technical features



Valves	(For features see catalogue 02.070)	LPA 30
Max. flow	(l/min.)	50
Max. pressure	(bar)	210
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	1.150
Cracking pressure 90% of setting value		
Reseat pressure 80% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPA 30/D-N-CSL 03-B08

Valves type _____

Standard springs

Type Setting range

U = 10 - 105 bar

D = 70 - 210 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

Version _____



Standard ports

B06 = G 3/8 ISO 228

B08 = G 1/2 ISO 228

Code:

LPA 30/U-N-CSL 03-B06	31 011 143
LPA 30/D-N-CSL 03-B06	31 011 144
LPA 30/U-V-CSL 03-B06	31 011 145
LPA 30/D-V-CSL 03-B06	31 011 146
LPA 30/U-N-CSL 03-B08	31 011 147
LPA 30/D-N-CSL 03-B08	31 011 148
LPA 30/U-V-CSL 03-B08	31 011 149
LPA 30/D-V-CSL 03-B08	31 011 150

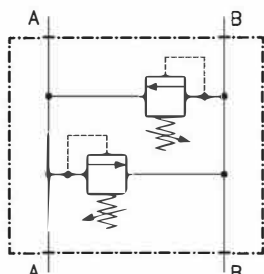
Only body codes:

Body type 30-CSL 03-B06	38 144 122
Body type 30-CSL 03-B08	38 144 123

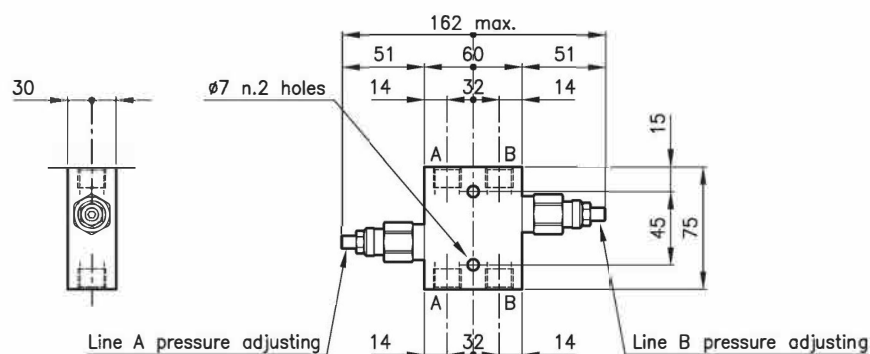
02_230

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Francesc Layret, 6 Nave 5 .. 08750 - Molins de Rei - Barcelona
+34 93 473 57 70 / info@hidraulicarogimar.com / www.hidraulicarogimar.com

Technical features


Valves	(For features see catalogue 02.080)	LPB 20
Max. flow	(l/min.)	50
Max. pressure	(bar)	350
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.750
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions

Ordering informations
LPB 20/D-N-CSL 03-B06

Valves type

Standard springs

Type Setting range

U = 10 – 105 bar

D = 70 – 210 bar

T = 140 – 350 bar

Adjustment type

N = Standard adjustment

Version

Standard ports

B05 = G 1/4 ISO 228

B06 = G 3/8 ISO 228

Codes:

LPB 20/U-N-CSL 03-B05 21 011 123

LPB 20/D-N-CSL 03-B05 21 011 124

LPB 20/T-N-CSL 03-B05 21 011 125

LPB 20/U-N-CSL 03-B06 21 011 126

LPB 20/D-N-CSL 03-B06 21 011 127

LPB 20/T-N-CSL 03-B06 21 011 128

Only body codes:

Body type 20-CSL 03-B05 28 144 107

Body type 20-CSL 03-B06 28 144 108

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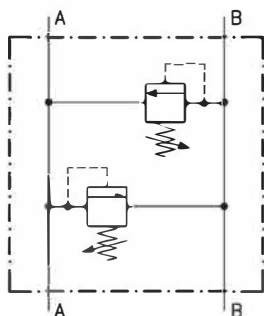
PRESSURE RELIEF VALVES

DUAL CROSS-LINE DIFFERENTIAL AREA **LPB 30/CSL 03**

02.250

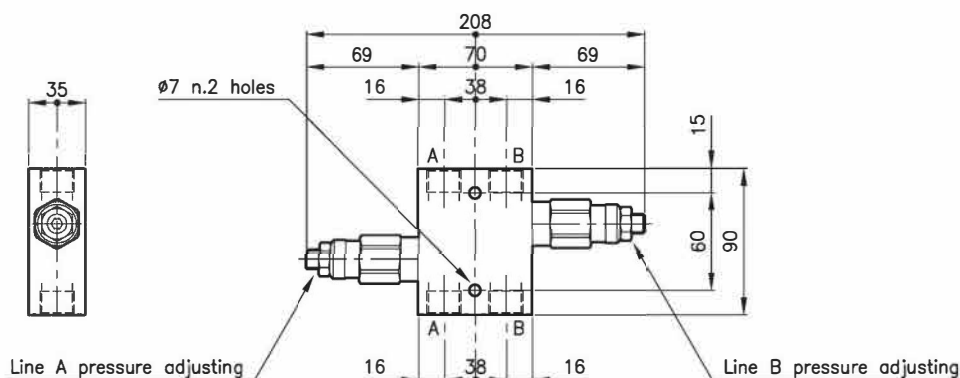
01.96

Technical features



Valves	(For features see catalogue 02.090)	LPB 30
Max. flow	(l/min.)	90
Max. pressure	(bar)	350
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	1.150
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
Hydraulic fluid; minerale oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 µ absolutes)		
Standard seals in Polyurethane and Buna N		

Dimensions



Ordering informations

LPB 30/T-N-CSL 03-B08

Valves type

Standard springs

Type Setting range

U = 10 - 105 bar

D = 70 - 210 bar

T = 140 - 350 bar

Adjustment type

N = Standard adjustment

Version

Standard ports

B06 = G 3/8 ISO 228

B08 = G 1/2 ISO 228

Codes:

LPB 30/U-N-CSL 03-B06 31 011 137

LPB 30/D-N-CSL 03-B06 31 011 138

LPB 30/T-N-CSL 03-B06 31 011 139

LPB 30/U-N-CSL 03-B08 31 011 140

LPB 30/D-N-CSL 03-B08 31 011 141

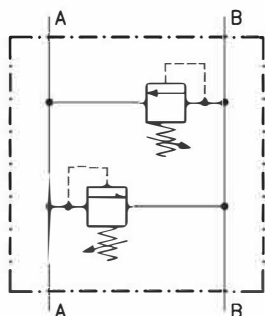
LPB 30/T-N-CSL 03-B08 31 011 142

Only body codes:

Body type 30-CSL 03-B06 38 144 122

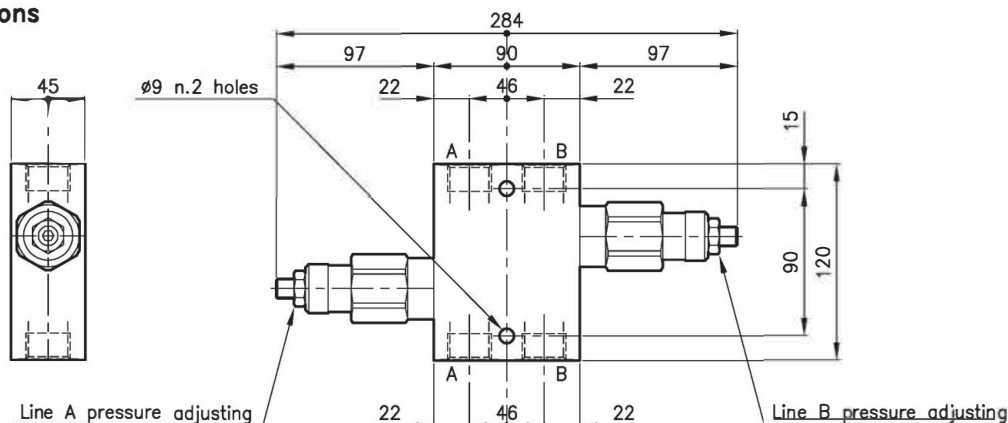
Body type 30-CSL 03-B08 38 144 123

Technical features



Valves	(For features see catalogue 02.100)	LPB 50
Max. flow	(l/min.)	160
Max. pressure	(bar)	350
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	3.180
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPB 50/T-N-CSL 03-B12

Valves type

Standard springs

Type Setting range

U = 10 - 105 bar

D = 70 - 210 bar

T = 140 - 350 bar

Adjustment type

N = Standard adjustment

Version

Standard ports

B08 = G 1/2 ISO 228

B12 = G 3/4 ISO 228

Codes:

LPB 50/U-N-CSL 03-B08 51 011 122

LPB 50/D-N-CSL 03-B08 51 011 123

LPB 50/T-N-CSL 03-B08 51 011 124

LPB 50/U-N-CSL 03-B12 51 011 125

LPB 50/D-N-CSL 03-B12 51 011 126

LPB 50/T-N-CSL 03-B12 51 011 127

Only body codes:

Body type 50-CSL 03-B08 58 144 113

Body type 50-CSL 03-B12 58 144 114

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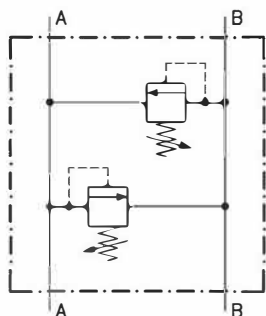
PRESSURE RELIEF VALVES

DUAL CROSS-LINE DIFFERENTIAL AREA **LPB 70/CSL 03**

02.270

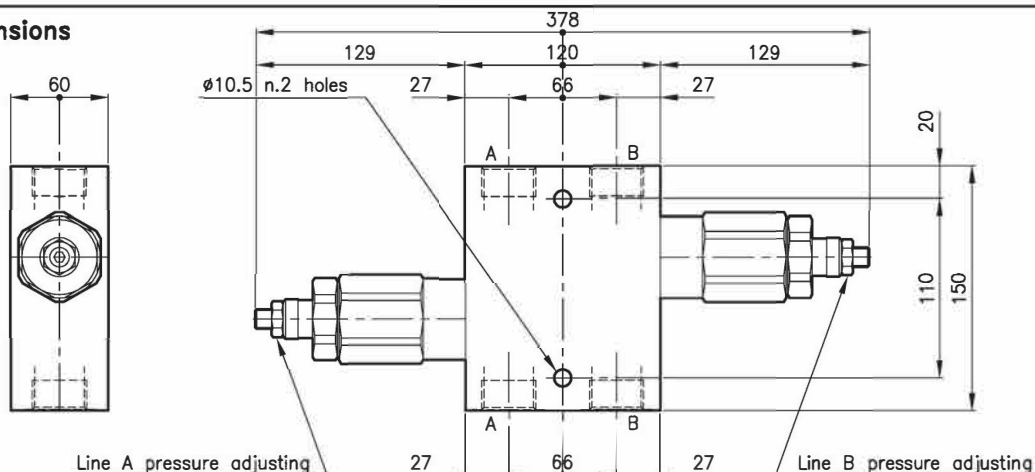
01.96

Technical features



Valves	(For features see catalogue 02.110)	LPB 70
Max. flow	(l/min.)	360
Max. pressure	(bar)	350
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	5.220
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPB 70/T-N-CSL 03-B20

Valves type

Standard springs

Type Setting range

U = 10 - 105 bar

D = 70 - 210 bar

T = 140 - 350 bar

Adjustment type

N = Standard adjustment

Version

Standard ports

B16 = G 1 ISO 228

B20 = G 1.1/4 ISO 228

Codes:

LPB 70/U-N-CSL 03-B16 71 011 124

LPB 70/D-N-CSL 03-B16 71 011 125

LPB 70/T-N-CSL 03-B16 71 011 126

LPB 70/U-N-CSL 03-B20 71 011 127

LPB 70/D-N-CSL 03-B20 71 011 128

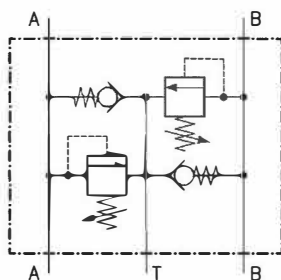
LPB 70/T-N-CSL 03-B20 71 011 129

Only body codes:

Body type 50-CSL 03-B16 78 144 104

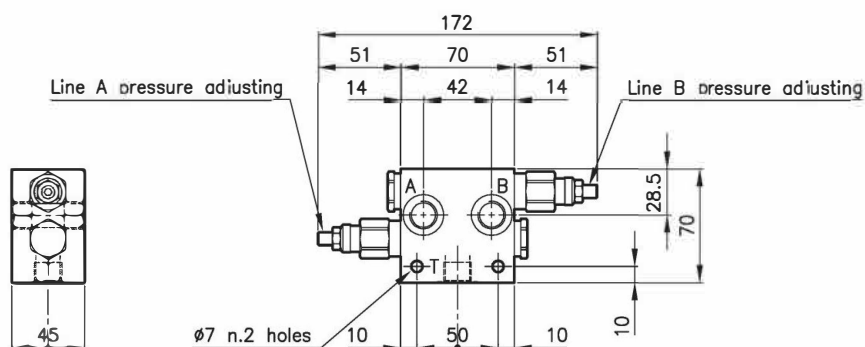
Body type 50-CSL 03-B20 78 144 105

Technical features



Valves	(For features see catalogue 02.080)	LPB 20
	(For features see catalogue 05.050)	CAE 20/P
Max. flow	(l/min.)	50
Max. pressure	(bar)	350
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	0.730
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPB 20/D-N-CSL 04-B06

Valves type

Standard springs

Type Setting range

U = 10 - 105 bar

D = 70 - 210 bar

T = 140 - 350 bar

Adjustment type

N = Standard adjustment

Version

Standard ports

B06 = G 3/8 ISO 228

Codes:

LPB 20/U-N-CSL 04-B06 21 011 145

LPB 20/D-N-CSL 04-B06 21 011 146

LPB 20/T-N-CSL 04-B06 21 011 147

Only body code:

Body type 20-CSL 04-B06 28 144 111

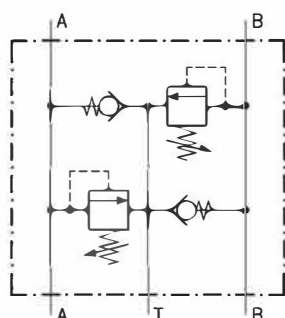
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ITALY

PRESSURE RELIEF VALVES DUAL CROSS-LINE
AN D AN FICA V ITØTNI CEB K **LPB 30/CSL 04**

02.310

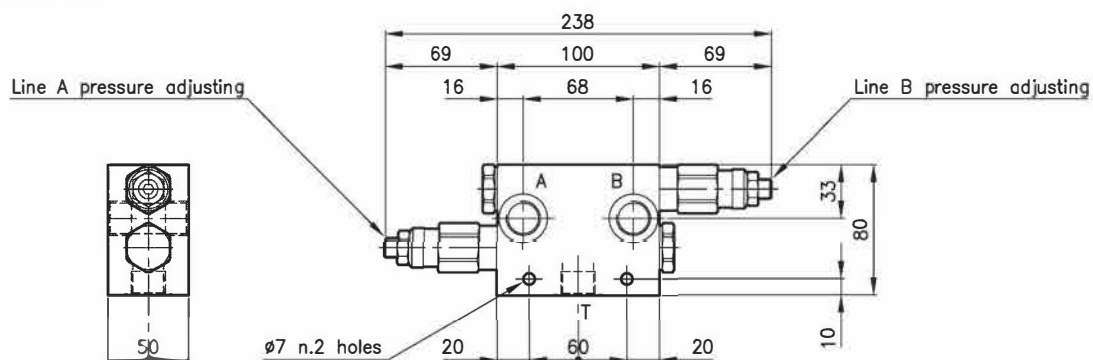
01.96

Technical features



Valves	(For features see catalogue 02.090)	LPB 30
	(For features see catalogue 05.060)	CAE 30/P
Max. flow	(l/min.)	90
Max. pressure	(bar)	350
Fluid viscosity range	(cSt)	2.8 - 380
fluid temperature range	(°C)	-20 +80
Mass	(kg)	1.930
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPB 30/T-N-CSL 04-B08

Valves type _____

Standard springs

Type Setting range

U = 10 - 105 bar

D = 70 - 210 bar

T = 140 - 350 bar

Adjustment type

N = Standard adjustment 

Version _____

Standard ports

B08 = G 1/2 ISO 228

Codes:

LPB 30/U-N-CSL 04-B08 31 011 134

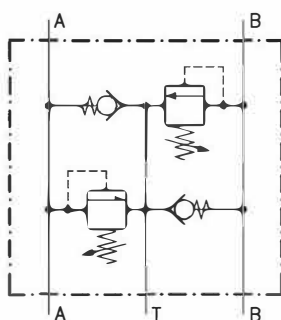
LPB 30/D-N-CSL 04-B08 31 011 135

LPB 30/T-N-CSL 04-B08 31 011 136

Only body code:

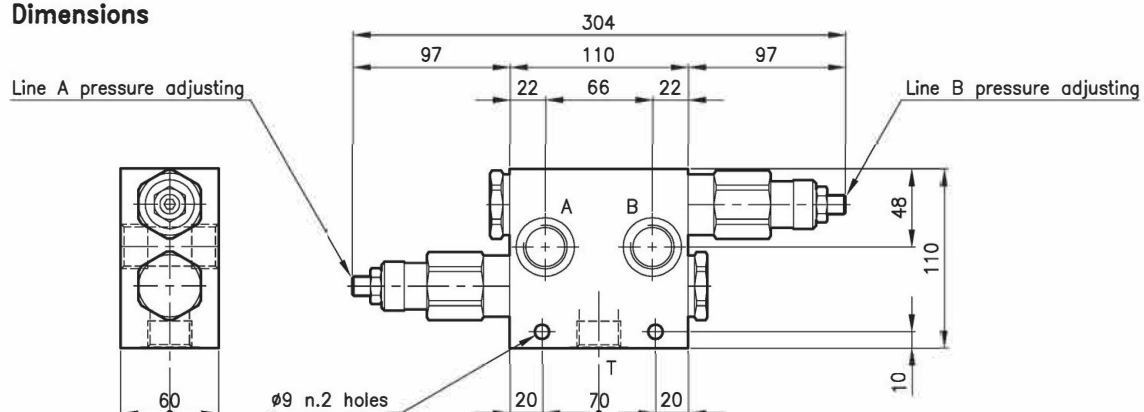
Body type 30-CSL 04-B08 38 144 109

Technical features



Valves	(For features see catalogue 02.100)	LPB 50
	(For features see catalogue 05.070)	CAE 50/P
Max. flow	(l/min.)	160
Max. Pressure	(bar)	350
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	4.380
Cracking pressure 95% of setting value		
Reseat pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPB 50/T-N-CSL 04-B12

Valves type

Standard springs

Type Setting range

U = 10 - 105 bar

D = 70 - 210 bar

T = 140 - 350 bar

Adjustment type

N = Standard adjustment

Version

Standard ports

B12 = G 3/4 ISO 228

Codes:

LPB 50/U-N-CSL 04-B12 51 011 119

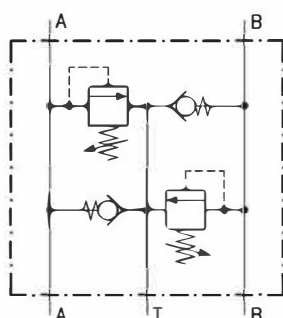
LPB 50/D-N-CSL 04-B12 51 011 120

LPB 50/T-N-CSL 04-B12 51 011 121

Only body code:

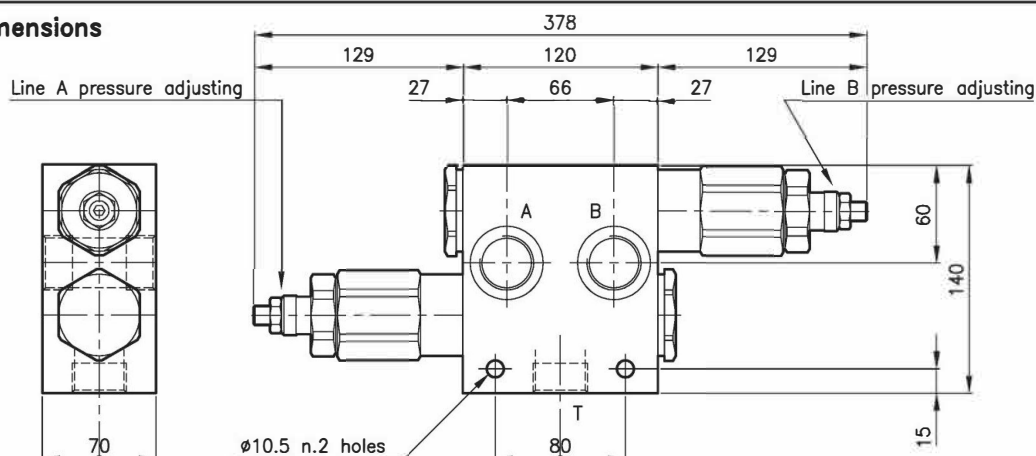
Body type 50-CSL 04-B12 58 144 115

Technical features



Valves	(For features see catalogue 02.110)	LPB 70
	(For features see catalogue 05.080)	CAE 70/P
Max. flow	(l/min.)	360
Max. pressure	(bar)	350
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	6.450
Cracking pressure 95% of setting value		
Reset pressure 75% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPB 70/T-N-CSL 04-B16

Valves type

Standard springs

Type Setting range

U = 10 – 105 bar

D = 70 – 210 bar

T = 140 – 350 bar

Adjustment type

N = Standard adjustment 

Version

Standard ports

B16 = G 1 ISO 228

Codes:

LPB 70/U-N-CSL 04-B16 71 011 121

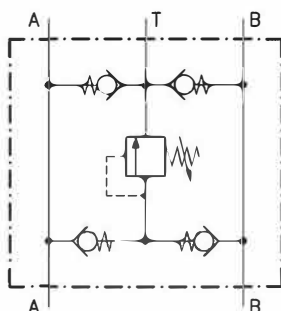
LPB 70/D-N-CSL 04-B16 71 011 122

LPB 70/T-N-CSL 04-B16 71 011 123

Only body code:

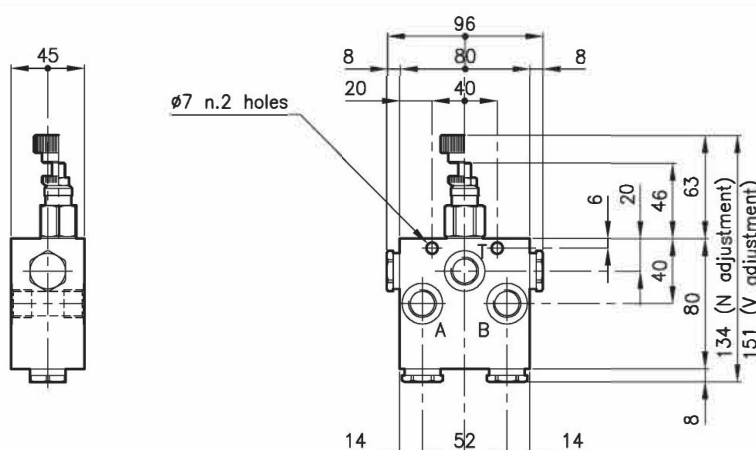
Body type 70-CSL 04-B16 78 144 106

Technical features



Valves	(For features see catalogue 02.040)	LPE 20
	(For features see catalogue 05.050)	CAE 20/P
Max. flow	(l/min.)	30
Max. pressure	(bar)	210
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	1.160
Cracking pressure 90% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 µ absolute)		
Standard seals in Polyurethane and Buna N		

Dimensions



Ordering informations

LPE 20/D-N-CSL 06-B06

Valve type _____

Standard springs _____

Type Setting range

U = 10 - 90 bar

D = 35 - 140 bar

T = 70 - 210 bar

Adjustment type

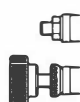
N = Standard adjustment

V = Handknob adjustment

Version _____

Standard ports

B06 = G 3/8 ISO 228



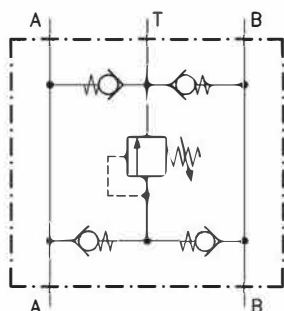
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LPE 20/U-N-CSL 06-B06	21 011 240
LPE 20/D-N-CSL 06-B06	21 011 241
LPE 20/T-N-CSL 06-B06	21 011 242
LPE 20/U-V-CSL 06-B06	21 011 243
LPE 20/D-V-CSL 06-B06	21 011 244
LPE 20/T-V-CSL 06-B06	21 011 245

Only body code:

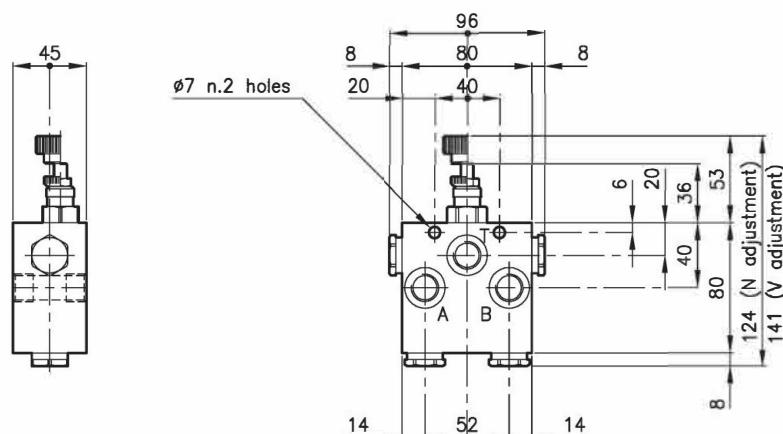
Body type 20-CSL 06-B06	28 144 117
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Technical features



Valves	(For features see catalogue 02.060)	LPA 20
	(For features see catalogue 05.050)	CAE 20/P
Max. flow	(l/min.)	20
Max. pressure	(bar)	350
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	1.150
Cracking pressure 90% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPA 20/D-N-CSL 06-B06

Valve type _____

Standard springs

Type Setting range

U = 10 - 105 bar

D = 70 - 210 bar

T = 140 - 350 bar

Adjustment type

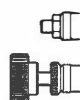
N = Standard adjustment

V = Handknob adjustment

Version _____

Standard ports

B06 = G 3/8 ISO 228



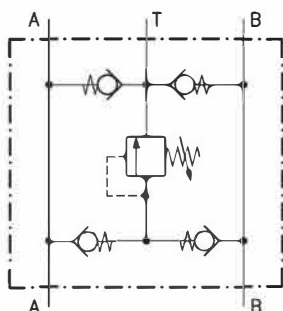
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LPA 20/D-N-CSL 06-B06	21 011 204
LPA 20/T-N-CSL 06-B06	21 011 205
LPA 20/U-V-CSL 06-B06	21 011 206
LPA 20/D-V-CSL 06-B06	21 011 207
LPA 20/T-V-CSL 06-B06	21 011 208

Only body code:

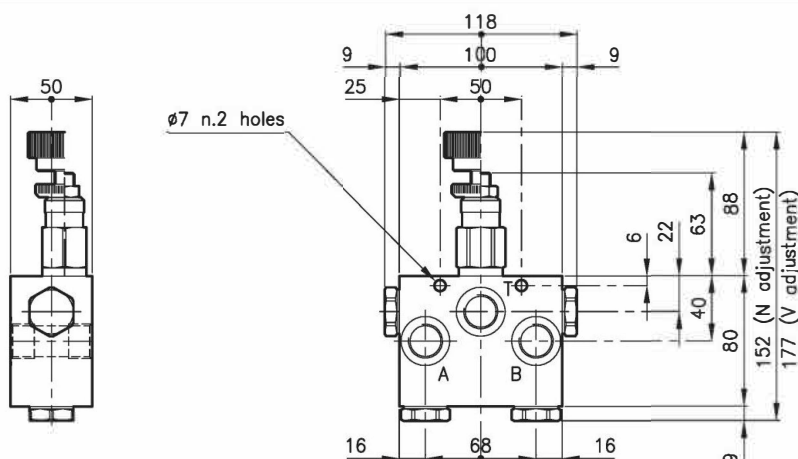
Body type 20-CSL 06-B06	28 144 117
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Technical features



Valves	(For features see catalogue 02.070)	LPA 30
	(For features see catalogue 05.060)	CAE 30/P
Max. flow	(l/min.)	50
Max. pressure	(bar)	350
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	1.790
Cracking pressure 90% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 µm absolutes)		
Standard seals in Polyurethane and Buna N		

Dimensions



Ordering informations

LPA 30/D-N-CSL 06-B08

Valve type _____

Standard springs

Type Setting range

U = 10 - 105 bar

D = 70 - 210 bar

T = 140 - 350 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

Version _____

Standard ports

B08 = G 1/2 ISO 228

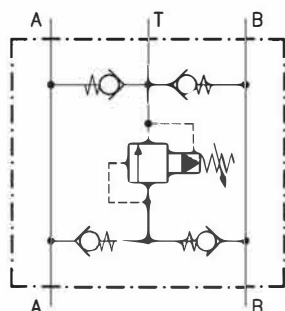


Codes:

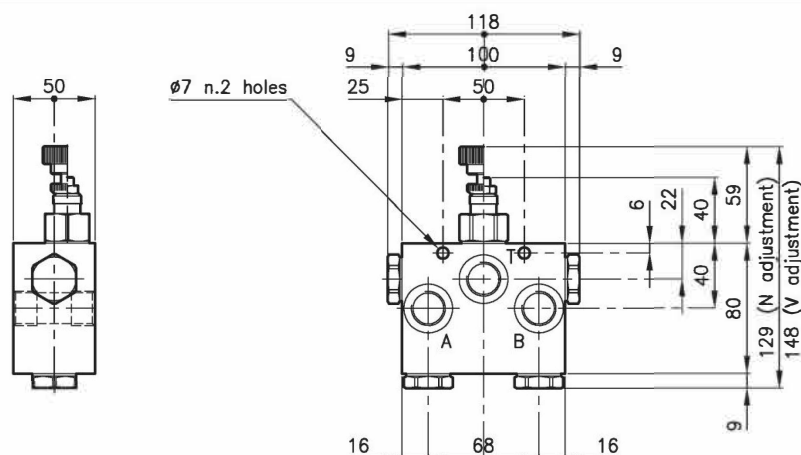
LPA 30/U-N-CSL 06-B08	31 011 192
LPA 30/D-N-CSL 06-B08	31 011 193
LPA 30/T-N-CSL 06-B08	31 011 194
LPA 30/U-V-CSL 06-B08	31 011 195
LPA 30/D-V-CSL 06-B08	31 011 196
LPA 30/T-V-CSL 06-B08	31 011 197

Only body code:

Body type 30-CSL 06-B08	38 144 124
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Technical features


Valves	(For features see catalogue 02.120)	LPI 30
	(for features see catalogue 05.060)	CAE 30/P
Max. flow	(l/min.)	90
Max. pressure	(bar)	420
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	1.700
Cracking pressure 95% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions

Ordering informations
LPI 30/D-N-CSL 06-B08

Valve type

Standard springs

Type Setting range

D = 14 - 210 bar

Q = 105 - 420 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

Version

Standard ports

B08 = G 1/2 ISO 228

Codes:

LPI 30/D-N-CSL 06-B08 31 011 183

LPI 30/Q-N-CSL 06-B08 31 011 184

LPI 30/D-V-CSL 06-B08 31 011 185

LPI 30/Q-V-CSL 06-B08 31 011 186

Only body code:

Body type 30-CSL 06-B08 38 144 124

FLUcom
ITALY

PRESSURE RELIEF VALVES DUAL RELIEVING

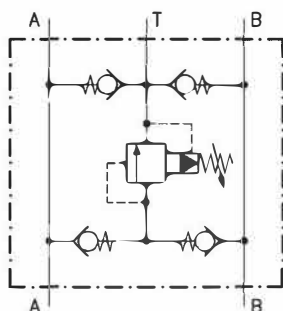
AND AFFIDAVIT AT ONNE

LPI 50/CSL 06

02.370

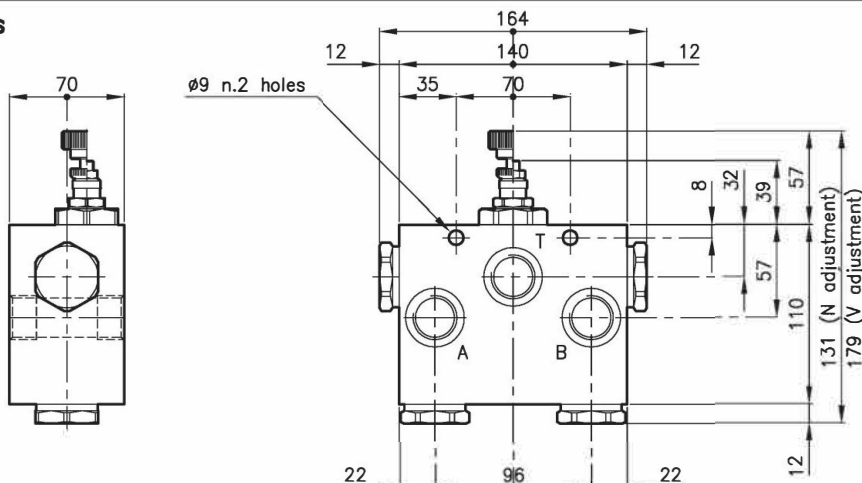
01.96

Technical features



Valves	(For features see catalogue 02.130)	LPI 50
	(For features see catalogue 05.070)	CAE 50/P
Max. flow	(l/min.)	160
Max. pressure	(bar)	420
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	4.250
Cracking pressure 95% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPI 50/D-N-CSL 06-B12

Valve type

Standard springs

Type Setting value

D = 14 - 210 bar

Q = 105 - 420 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

Version

Standard ports

B12 = G 3/4 ISO 228

Codes:

LPI 50/D-N-CSL 06-B12 51 011 148

LPI 50/Q-N-CSL 06-B12 51 011 149

LPI 50/D-V-CSL 06-B12 51 011 150

LPI 50/Q-V-CSL 06-B12 51 011 151

Only body code:

Body type 50-CSL 06-B12 58 144 116

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ITALY

PRESSURE RELIEF VALVES

DUAL RELIEVING

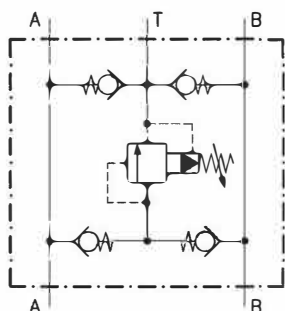
ANTI-CAVITATION

LPI 70/CSL 06

02.380

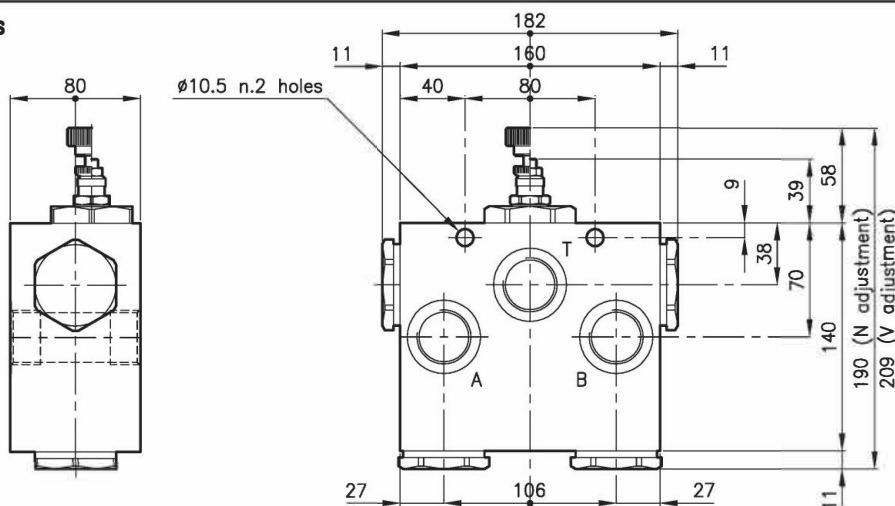
01.96

Technical features



Valves	(For features see catalogue 02.140)	LPI 70
	(For features see catalogue 05.080)	CAE 70/P
Max. flow	(l/min.)	320
Max. pressure	(bar)	420
Fluid viscosity range	(cSt)	2.8 - 380
Fluid temperature range	(°C)	-20 +80
Mass	(kg)	7.480
Cracking pressure 95% of setting value		
Cracking pressure defined with 1 l/min.		
Standard setting obtained with 10 l/min.		
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		

Dimensions



Ordering informations

LPI 70/D-N-CSL 06-B16

Valve type

Standard springs

Type Setting range

D = 14 - 210 bar

Q = 105 - 420 bar

Adjustment type

N = Standard adjustment

V = Handknob adjustment

Version

Standard ports

B16 = G 1 ISO 228

Codes:

LPI 70/D-N-CSL 06-B16 71 011 150

LPI 70/Q-N-CSL 06-B16 71 011 151

LPI 70/D-V-CSL 06-B16 71 011 152

LPI 70/Q-V-CSL 06-B16 71 011 153

Only body code:

Body type 70-CSL 06-B16 78 144 107