

Hydraulic Fluid Power — Compensated flow-control valves — Mounting surfaces

ICS 23.100.30



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National foreword

This British Standard reproduces verbatim ISO 6263 : 1997 and implements it as the UK national standard. It supersedes BS 6494 : Part 5 : 1989 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MCE/18, Fluid power systems and components, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled 'International Standards Correspondence Index', or using the 'Find' facility of the BSI Standards Electronic Catalogue.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii and iii, a blank page, pages 1 to 20, an inside back cover and a back cover.

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 September 1997

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ISBN 0 580 28012 8

Amendments issued since publication

Amd. No.	Date	Text affected

INTERNATIONAL STANDARD

**ISO
6263**

Second edition
1997-04-15

Hydraulic fluid power — Compensated flow-control valves — Mounting surfaces

Transmissions hydrauliques — Régulateurs de débit — Plan de pose



Reference number
ISO 6263:1997(E)



Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 6263 was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 5, *Control products*.

This second edition cancels and replaces the first edition (ISO 6263:1987), which has been technically revised.

Annex A of this International Standard is for information only.

Descriptors: hydraulic fluid power, hydraulic transmission, hydraulic valves, mounting surfaces, form specifications, dimensions, dimensional tolerances, interchangeability.

Introduction

In hydraulic fluid power systems, power is transmitted and controlled through a liquid under pressure with an enclosed circuit. Typical components found in such systems are hydraulic valves. The devices control flow direction, pressure or flow rate of liquids in the enclosed circuit.



Hydraulic fluid power — Compensated flow-control valves — Mounting surfaces

1 Scope

This International Standard specifies the dimensions and other data relating to surfaces on which hydraulic compensated flow-control valves are mounted in order to ensure interchangeability.

It applies to mounting surfaces for hydraulic compensated flow-control valves which represent current practice; they are generally applicable to industrial equipment.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 468:1982, *Surface roughness — Parameters, their values and general rules for specifying requirements.*

ISO 1101:1983, *Technical drawings — Geometrical tolerancing — Tolerancing of form, orientation, location, and run-out — Generalities, definitions, symbols, indications on drawings.*

ISO 1219-1:1991, *Fluid power systems and components — Graphic symbols and circuit diagrams — Part 1: Graphic symbols.*

ISO 1302:1992, *Technical drawings — Method of indicating surface texture.*

ISO 4401:1994, *Hydraulic fluid power — Four-port directional control valves — Mounting surfaces.*

ISO 5598:1985, *Fluid power systems and components — Vocabulary.*

ISO 5783:1995, *Hydraulic fluid power — Code for identification of valve mounting surfaces and cartridge valve cavities.*

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 5598 apply.

4 Symbols

4.1 For the purposes of this International Standard, the following symbols apply:

- a) A, B, L, P, T and V designate ports;
- b) F₁, F₂, F₃ and F₄ designate threaded holes for fixing screws;
- c) G, G₁ and G₂ designate the location of pin holes;
- d) D designates the fixing screw diameter;
- e) r_{\max} designates mounting surface edge radius.

4.2 The graphical symbols used in figures 2, 4, 6, 8, 10, 12, 14 and 16 are in accordance with ISO 1219-1.

4.3 The code system used in this International Standard is defined in ISO 5783.

5 Tolerances

5.1 The following values shall be applied to the mounting surface, i.e. that area within the chain thick lines:

- surface roughness: $R_a \leq 0,8 \mu\text{m}$ (see ISO 468 and ISO 1302);
- surface flatness: 0,01 mm over a distance of 100 mm (see ISO 1101);
- tolerance for diameters of locating pin holes: H12.

5.2 With respect to the origin the following tolerances shall be complied with along x and y axes:

- pin holes: $\pm 0,1 \text{ mm}$;
- screw holes: $\pm 0,1 \text{ mm}$;
- port holes: $\pm 0,2 \text{ mm}$.

For other dimensions, see the figures.

6 Dimensions

6.1 Mounting surface dimensions for hydraulic compensated flow-control valves shall be selected from the figures specified in 6.2 to 6.9.

6.2 Mounting surface dimensions for compensated flow-control valves with main ports of 4,5 mm maximum port diameter (code: 6263-02-01-* -97) are given in figure 1.

6.3 Mounting surface dimensions for compensated flow-control valves with main ports of 7,5 mm maximum port diameter (code: 6263-03-03-* -97) are given in figure 3.

6.4 Mounting surface dimensions for compensated flow-control valves with main ports of 14,7 mm maximum port diameter (code: 6263-06-05-* -97) are given in figure 5.

6.5 Mounting surface dimensions for compensated flow-control valves with main ports of 14,7 mm maximum port diameter (code: 6263-06-07-* -97) are given in figure 7.

6.6 Mounting surface dimensions for compensated flow-control valves with main ports of 17,5 mm maximum port diameter (code: 6263-07-09-* -97) are given in figure 9.

6.7 Mounting surface dimensions for compensated flow-control valves with main ports of 17,5 mm maximum port diameter (code: 6263-07-11-* -97) are given in figure 11.

6.8 Mounting surface dimensions for compensated flow-control valves with main ports of 23,4 mm maximum port diameter (code: 6263-08-13-* -97) are given in figure 13.

6.9 Mounting surface dimensions for compensated flow-control valves with main ports of 23,4 mm maximum port diameter (code: 6263-08-15-* -97) are given in figure 15.

7 Port marking

7.1 The port symbols for compensated flow-control valves shall be selected from the figures specified in 7.2 to 7.9.

7.2 Port symbols for compensated flow-control valves with main ports of 4,5 mm maximum port diameter (code: 6263-02-01-* -97) are given in figure 2.

7.3 Port symbols for compensated flow-control valves with main ports of 7,5 mm maximum port diameter (code: 6263-03-03-* -97) are given in figure 4.

7.4 Port symbols for compensated flow-control valves with two main ports of 14,7 mm maximum port diameter (code: 6263-06-05-* -97) are given in figure 6.

7.5 Port symbols for compensated flow-control valves with three main ports of 14,7 mm maximum port diameter (code: 6263-06-07-* -97) are given in figure 8.

7.6 Port symbols for compensated flow-control valves with two main ports of 17,5 mm maximum port diameter (code: 6263-07-09-* -97) are given in figure 10.

7.7 Port symbols for compensated flow-control valves with three main ports of 17,5 mm maximum port diameter (code: 6263-07-11-* -97) are given in figure 12.

7.8 Port symbols for compensated flow-control valves with two main ports of 23,4 mm maximum port diameter (code: 6263-08-13-* -97) are given in figure 14.

7.9 Port symbols for compensated flow-control valves with three main ports of 23,4 mm maximum port diameter (code: 6263-08-15-* -97) are given in figure 16.

8 Modular stack valves

For modular stack valves, the mounting surfaces and ports marking given in ISO 4401 shall be used.

9 Working pressure

For indication of the maximum limit of the working pressure, see note 1 in the figures 1, 3, 5, 7, 9, 11, 13 and 15.

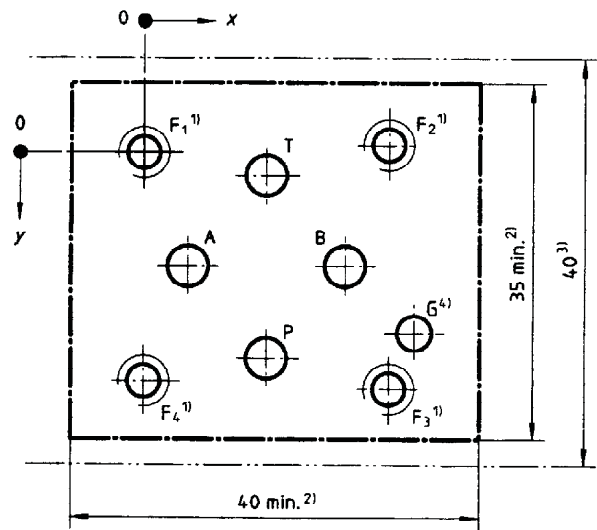
10 Identification statement (Reference to this International Standard)

Use the following statement in test reports, catalogues and sales literature when electing to comply with this International Standard:

"Mounting surface dimensions conform to ISO 6263:1997, *Hydraulic fluid power — Compensated flow-control valves — Mounting surfaces.*"

Code: 6263-02-01-*-97

Dimensions in millimetres



- 1) The minimum thread depth is 1,5 times the screw diameter, D . The recommended full thread depth is $2D + 6$ mm to facilitate interchangeability of valves and to reduce the number of fixing screw lengths. The recommended engagement of fixing screw thread for ferrous mountings is $1,25D$.
- 2) The dimensions specifying the area within the chain thick lines are the minimum dimensions for the mounting surface. The corners of the rectangle may be radiused to a maximum radius, r_{max} , equal to the thread diameter of the fixing screws. Along each axis the fixing holes are at equal distances to the mounting surface edges.
- 3) This dimension gives the minimum space required for a valve with this mounting surface. The dimension is also the minimum distance from centreline to centreline of two identical mounting surfaces placed on a manifold block. The valve manufacturer's attention is drawn to the fact that no part of the width of the complete valve assembly shall exceed this dimension.
- 4) Blind hole in the mounting surface to accomodate the locating pin on the valves. The minimum depth is 4 mm.

NOTES

- 1 The supplier shall stipulate the maximum working pressure for subplates and manifold blocks.
- 2 See figure 2 for graphical symbols.

Axis	P	A	T	B	G	F ₁	F ₂	F ₃	F ₄
	Ø 4,5 max.	Ø 4,5 max.	Ø 4,5 max.	Ø 4,5 max.	Ø 3,4 max.	M5	M5	M5	M5
x	12	4,3	12	19,7	25,5	0	24	24	0
y	20,25	11,25	2,25	11,25	17,75	0	- 0,75	23,25	22,5

Figure 1 — Mounting surface for compensated flow-control valves with main ports of 4,5 mm maximum port diameter (size 02)


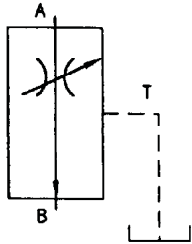
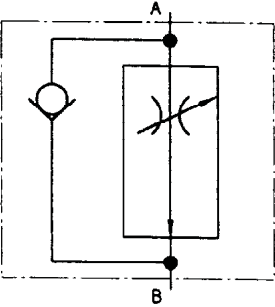
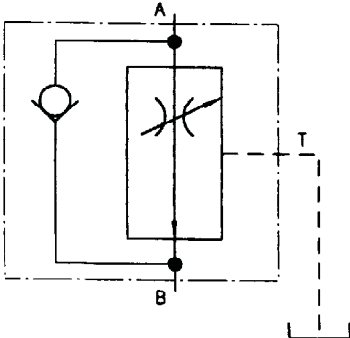
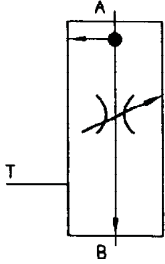
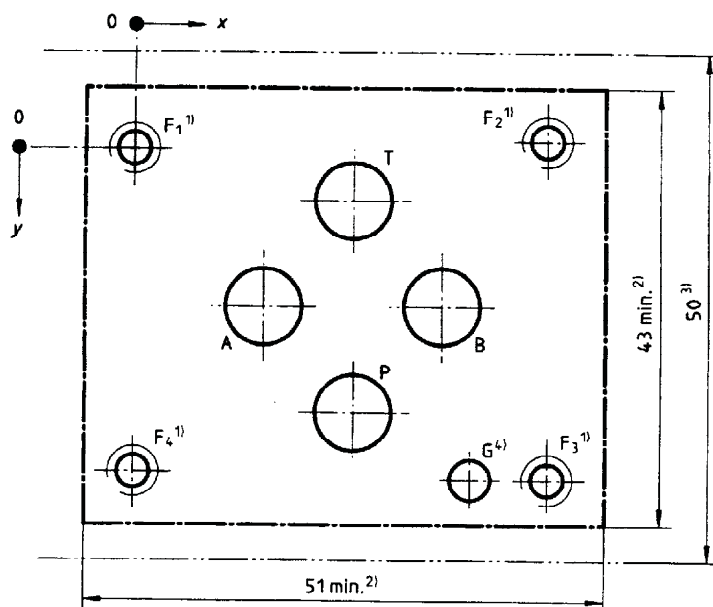
Option according to ISO 5783	0	1
Description	Internal drain	External drain
Compensated flow-control valve with two main ports		
Compensated flow-control valve with by-pass check valve with two main ports		
Compensated flow-control valve with three main ports		

Figure 2 — Compensated flow-control valves with main ports of 4,5 mm maximum port diameter
(code: 6263-02-01-^{*}-97)

Code: 6263-03-03-^{*}-97

Dimensions in millimetres



1) The minimum thread depth is 1,5 times the screw diameter, D . The recommended full thread depth is $2D + 6$ mm to facilitate interchangeability of valves and to reduce the number of fixing screw lengths. The recommended engagement of fixing screw thread for ferrous mountings is $1,25D$.

2) The dimensions specifying the area within the chain thick lines are the minimum dimensions for the mounting surface. The corners of the rectangle may be radiused to a maximum radius, r_{\max} , equal to the thread diameter of the fixing screws. Along each axis the fixing holes are at equal distances to the mounting surface edges.

3) This dimension gives the minimum space required for a valve with this mounting surface. The dimension is also the minimum distance from centreline to centreline of two identical mounting surfaces placed on a manifold block. The valve manufacturer's attention is drawn to the fact that no part of the width of the complete valve assembly shall exceed this dimension.

4) Blind hole in the mounting surface to accommodate the locating pin on the valves. The minimum depth is 4 mm.

NOTES

1 The supplier shall stipulate the maximum working pressure for subplates and manifold blocks.

2 See figure 4 for graphical symbols.

Axis	P	A	T	B	G	F ₁	F ₂	F ₃	F ₄
	Ø 7,5 max.	Ø 7,5 max.	Ø 7,5 max.	Ø 7,5 max.	Ø 4	M5	M5	M5	M5
x	21,5	12,7	21,5	30,2	33	0	40,5	40,5	0
y	25,9	15,5	5,1	15,5	31,75	0	- 0,75	31,75	31

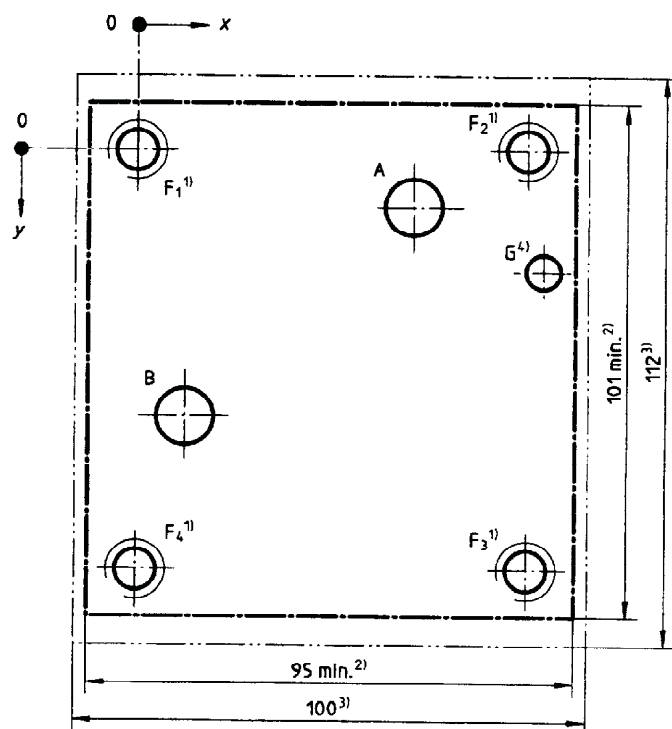
Figure 3 — Mounting surface for compensated flow-control valves with main ports of 7,5 mm maximum port diameter (size 03)

Option according to ISO 5783	0	1
Description	Internal drain	External drain
Compensated flow-control valve with two main ports		
Compensated flow-control valve with by-pass check valve with two main ports		
Compensated flow-control valve with three main ports		

Figure 4 — Compensated flow-control valves with main ports of 7,5 mm maximum port diameter
(code: 6263-03-03-*-97)

Code: 6263-06-05-97

Dimensions in millimetres



1) The minimum thread depth is 1,5 times the screw diameter, D . The recommended full thread depth is $2D + 6$ mm to facilitate interchangeability of valves and to reduce the number of fixing screw lengths. The recommended engagement of fixing screw thread for ferrous mountings is $1,25D$.

2) The dimensions specifying the area within the chain thick lines are the minimum dimensions for the mounting surface. The corners of the rectangle may be radiused to a maximum radius, r_{\max} , equal to the thread diameter of the fixing screws. Along each axis the fixing holes are at equal distances to the mounting surface edges.

3) This dimension gives the minimum space required for a valve with this mounting surface. The dimension is also the minimum distance from centreline to centreline of two identical mounting surfaces placed on a manifold block. The valve manufacturer's attention is drawn to the fact that no part of the width of the complete valve assembly shall exceed this dimension.

4) Blind hole in the mounting surface to accommodate the locating pin on the valves. The minimum depth is 4 mm.

NOTES

1 The supplier shall stipulate the maximum working pressure for subplates and manifold blocks.

2 See figure 6 for graphical symbols.

Axis	A	B	G	F ₁	F ₂	F ₃	F ₄
	Ø 14,7 max.	Ø 14,7 max.	Ø 7,5	M8	M8	M8	M8
x	54	9,5	79,4	0	76,2	76,2	0
y	11,1	52,4	23,8	0	0	82,6	82,6

Figure 5 — Mounting surface for compensated flow-control valves with main ports of 14,7 mm maximum port diameter (size 06)


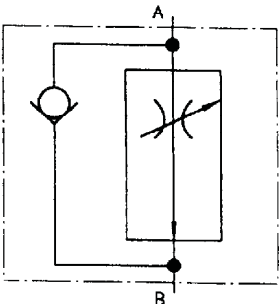
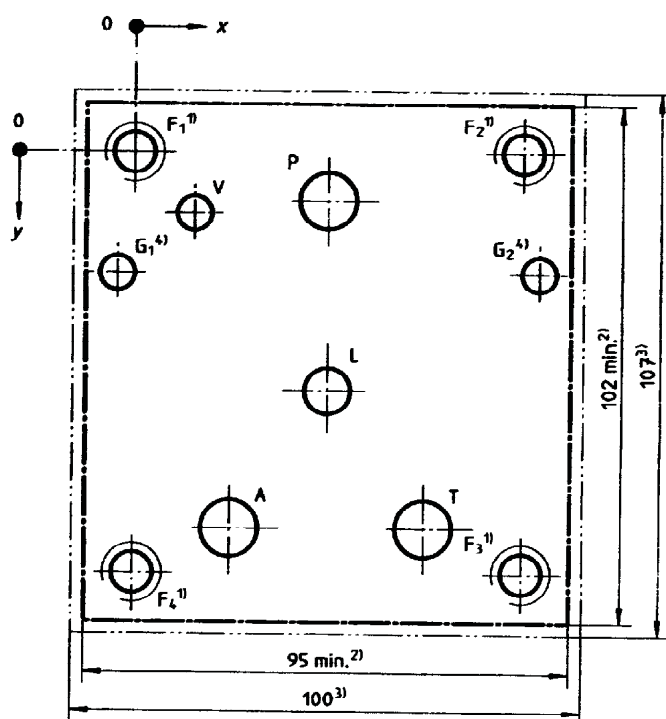
Option according to ISO 5783	0
Description	Internal drain
Compensated flow-control valves with two main ports	
Compensated flow-control valves with by-pass check valve with two main ports	

Figure 6 — Compensated flow-control valves with two main ports of 14,7 mm maximum port diameter
(code: 6263-06-05-* -97)

Code: 6263-06-07-*97

Dimensions in millimetres



1) The minimum thread depth is 1,5 times the screw diameter, D . The recommended full thread depth is $2D + 6$ mm to facilitate interchangeability of valves and to reduce the number of fixing screw lengths. The recommended engagement of fixing screw thread for ferrous mountings is $1,25D$.

2) The dimensions specifying the area within the chain thick lines are the minimum dimensions for the mounting surface. The corners of the rectangle may be radiused to a maximum radius, r_{\max} , equal to the thread diameter of the fixing screws. Along each axis the fixing holes are at equal distances to the mounting surface edges.

3) This dimension gives the minimum space required for a valve with this mounting surface. The dimension is also the minimum distance from centreline to centreline of two identical mounting surfaces placed on a manifold block. The valve manufacturer's attention is drawn to the fact that no part of the width of the complete valve assembly shall exceed this dimension.

4) Blind hole in the mounting surface to accommodate the locating pin on the valves. The minimum depth is 4 mm.

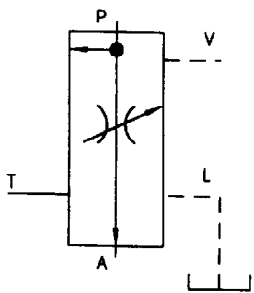
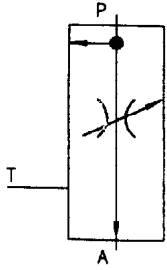
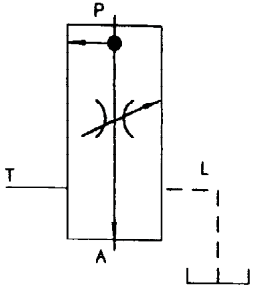
NOTES

1 The supplier shall stipulate the maximum working pressure for subplates and manifold blocks.

2 See figure 8 for graphical symbols.

Axis	P	A	T	L	V	G ₁	G ₂	F ₁	F ₂	F ₃	F ₄
	Ø 14,7 max.	Ø 14,7 max.	Ø 14,7 max.	Ø 11,1 max.	Ø 6,3 max.	Ø 7,5	Ø 7,5	M8	M8	M8	M8
x	38	19	57	38	11,8	- 3,2	79,4	0	76,2	76,2	0
y	9,5	73,8	73,8	46,8	12	23,8	23,8	0	0	82,6	82,6

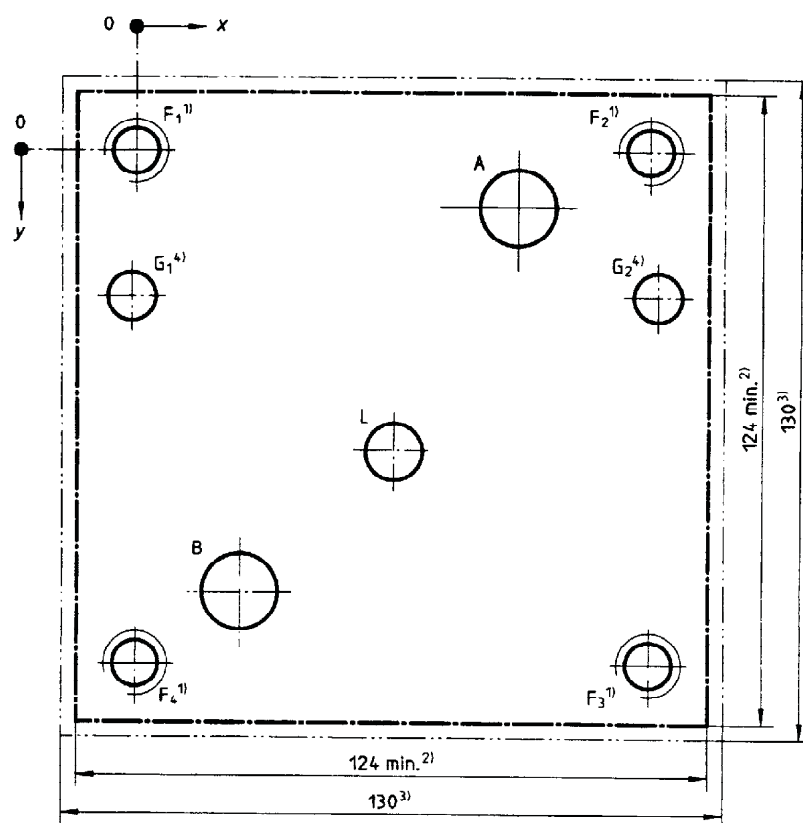
Figure 7 — Mounting surface for compensated flow-control valves with main ports of 14,7 mm maximum port diameter (size 06)

Option according to ISO 5783	0	1
Description	Internal drain	External drain
Compensated flow-control valve with three main ports External pilot		
Compensated flow-control valve with three main ports Internal pilot		

**Figure 8 — Compensated flow-control valve with three main ports of 14,7 mm maximum port diameter
(code: 6263-06-07-*97)**

Code: 6263-07-09-*.97

Dimensions in millimetres



1) The minimum thread depth is 1,5 times the screw diameter, D . The recommended full thread depth is $2D + 6$ mm to facilitate interchangeability of valves and to reduce the number of fixing screw lengths. The recommended engagement of fixing screw thread for ferrous mountings is $1,25D$.

2) The dimensions specifying the area within the chain thick lines are the minimum dimensions for the mounting surface. The corners of the rectangle may be radiused to a maximum radius, r_{\max} , equal to the thread diameter of the fixing screws. Along each axis the fixing holes are at equal distances to the mounting surface edges.

3) This dimension gives the minimum space required for a valve with this mounting surface. The dimension is also the minimum distance from centreline to centreline of two identical mounting surfaces placed on a manifold block. The valve manufacturer's attention is drawn to the fact that no part of the width of the complete valve assembly shall exceed this dimension.

4) Blind hole in the mounting surface to accommodate the locating pin on the valves. The minimum depth is 4 mm.

NOTES

1 The supplier shall stipulate the maximum working pressure for subplates and manifold blocks.

2 See figure 10 for graphical symbols.

Axis	A	B	L	G ₁	G ₂	F ₁	F ₂	F ₃	F ₄
	Ø 17,5 max.	Ø 17,5 max.	Ø 11,1 max.	Ø 10,4	Ø 10,4	M10	M10	M10	M10
x	75	20,6	50,8	- 0,8	102,4	0	101,6	101,6	0
y	11,1	86,5	58,7	28,6	28,6	0	0	101,6	101,6

Figure 9 — Mounting surface for compensated flow-control valves with main ports of 17,5 mm maximum port diameter (size 07)


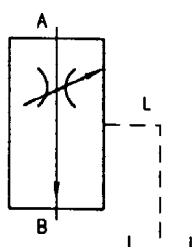
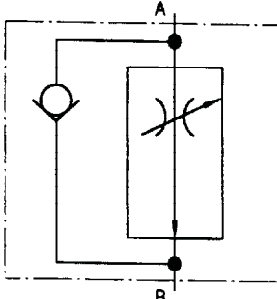
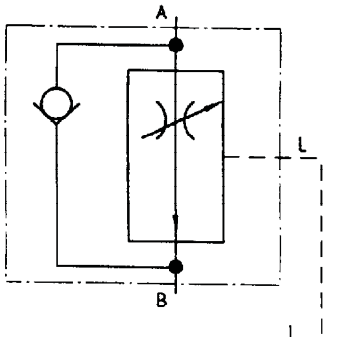
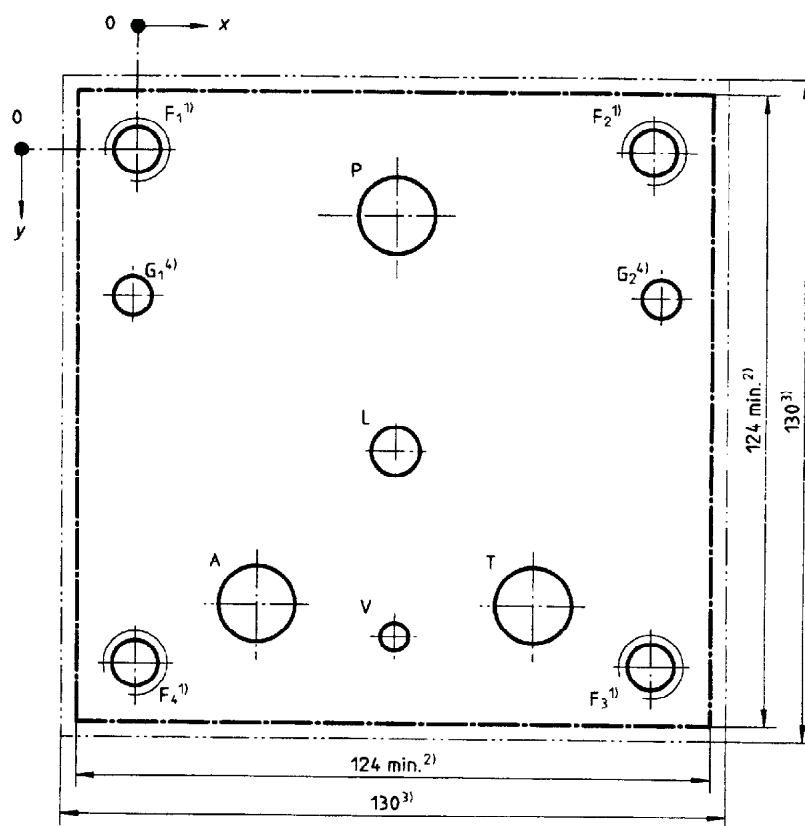
Option according to ISO 5783	0	1
Description	Internal drain	External drain
Compensated flow-control valves		
Compensated flow-control valves with by-pass check valve		

Figure 10 — Compensated flow-control valves with two main ports of 17,5 mm maximum port diameter
(code: 6263-07-09-* -97)

Code: 6263-07-11-*.97

Dimensions in millimetres



1) The minimum thread depth is 1,5 times the screw diameter, D . The recommended full thread depth is $2D + 6$ mm to facilitate interchangeability of valves and to reduce the number of fixing screw lengths. The recommended engagement of fixing screw thread for ferrous mountings is $1,25D$.

2) The dimensions specifying the area within the chain thick lines are the minimum dimensions for the mounting surface. The corners of the rectangle may be radiused to a maximum radius, r_{\max} , equal to the thread diameter of the fixing screws. Along each axis the fixing holes are at equal distances to the mounting surface edges.

3) This dimension gives the minimum space required for a valve with this mounting surface. The dimension is also the minimum distance from centreline to centreline of two identical mounting surfaces placed on a manifold block. The valve manufacturer's attention is drawn to the fact that no part of the width of the complete valve assembly shall exceed this dimension.

4) Blind hole in the mounting surface to accommodate the locating pin on the valves. The minimum depth is 4 mm.

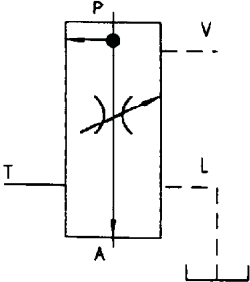
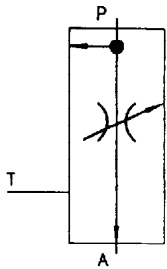
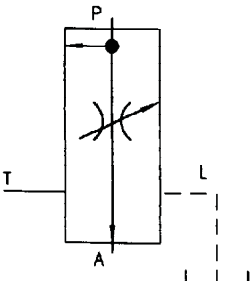
NOTES

1 The supplier shall stipulate the maximum working pressure for subplates and manifold blocks.

2 See figure 12 for graphical symbols.

Axis	P	A	T	L	V	G ₁	G ₂	F ₁	F ₂	F ₃	F ₄
	∅ 17,5 max.	∅ 17,5 max.	∅ 17,5 max.	∅ 11,1 max.	∅ 7,9 max.	∅ 10,4	∅ 10,4	M10	M10	M10	M10
x	50,8	23,8	77,8	50,8	50,8	- 0,8	102,4	0	101,6	101,6	0
y	12,7	88,9	88,9	58,7	95,3	28,6	28,6	0	0	101,6	101,6

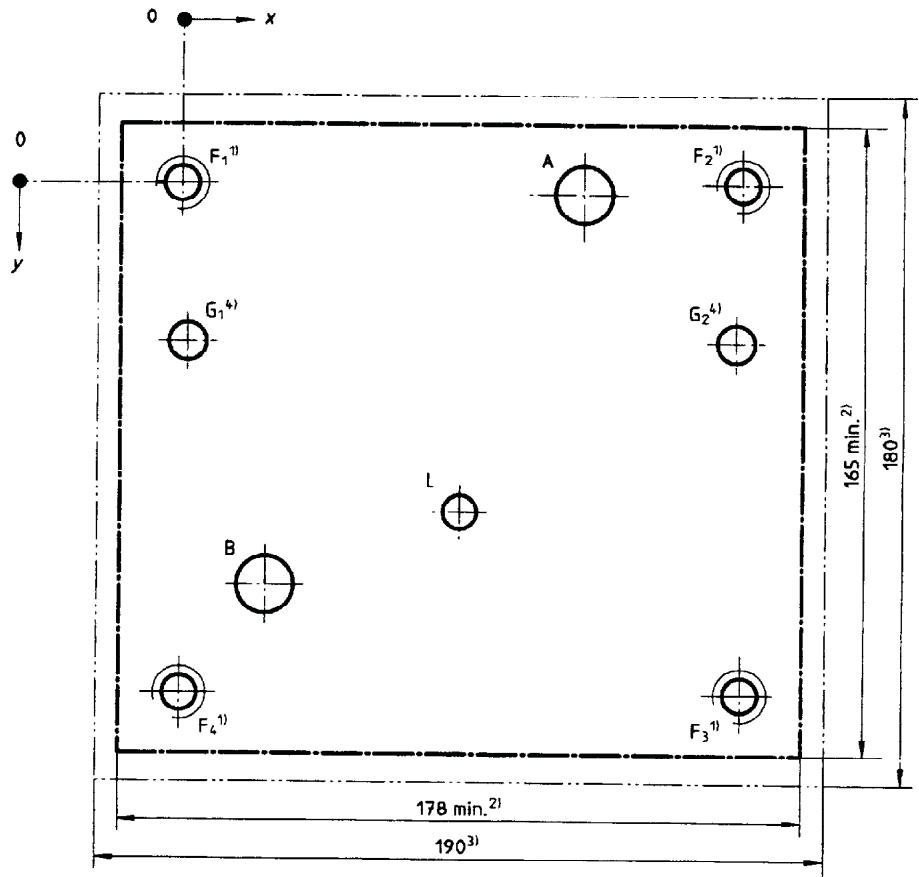
Figure 11 — Mounting surface for compensated flow-control valves with main ports of 17,5 mm maximum port diameter (size 07)

Option according to ISO 5783	0	1
Description	Internal drain	External drain
Compensated flow-control valves with three main ports External pilot		
Compensated flow-control valves with three main port Internal pilot		

**Figure 12 — Compensated flow-control valves with three main ports of 17,5 mm maximum port diameter
(code: 6263-07-11-^{*}-97)**

Code: 6263-08-13-*97

Dimensions in millimetres



- 1) The minimum thread depth is 1,5 times the screw diameter, D . The recommended full thread depth is $2D + 6$ mm to facilitate interchangeability of valves and to reduce the number of fixing screw lengths. The recommended engagement of fixing screw thread for ferrous mountings is $1,25D$.
- 2) The dimensions specifying the area within the chain thick lines are the minimum dimensions for the mounting surface. The corners of the rectangle may be radiused to a maximum radius, r_{max} , equal to the thread diameter of the fixing screws. Along each axis the fixing holes are at equal distances to the mounting surface edges.
- 3) This dimension gives the minimum space required for a valve with this mounting surface. The dimension is also the minimum distance from centreline to centreline of two identical mounting surfaces placed on a manifold block. The valve manufacturer's attention is drawn to the fact that no part of the width of the complete valve assembly shall exceed this dimension.
- 4) Blind hole in the mounting surface to accomodate the locating pin on the valves. The minimum depth is 4 mm.

NOTES

1 The supplier shall stipulate the maximum working pressure for subplates and manifold blocks.

2 See figure 14 for graphical symbols.

Axis	A	B	L	G ₁	G ₂	F ₁	F ₂	F ₃	F ₄
	Ø 23,4 max.	Ø 23,4 max.	Ø 11,1 max.	Ø 16,5	Ø 16,5	M16	M16	M16	M16
x	104,8	22,2	73	1,6	144,5	0	146	146	0
y	12,7	104,8	85,7	41,3	41,3	0	0	133,4	133,4

Figure 13 — Mounting surface for compensated flow-control valves with main ports of 23,4 mm maximum port diameter (size 08)


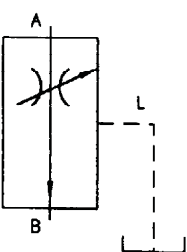
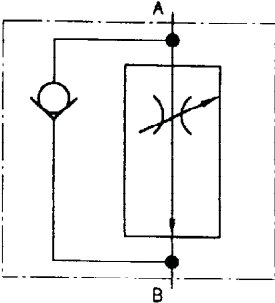
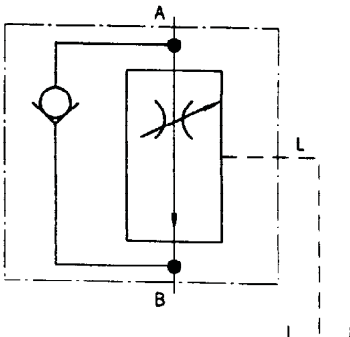
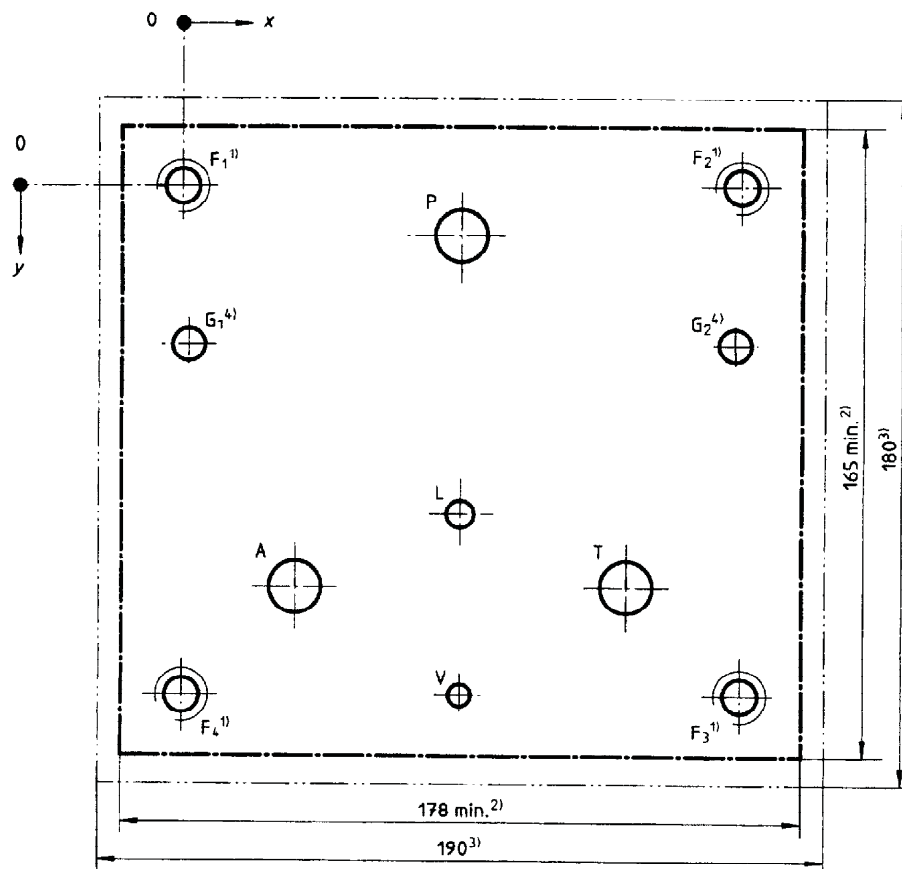
Option according to ISO 5783	0	1
Description	Internal drain	External drain
Compensated flow-control valves		
Compensated flow-control valves with by-pass check valve		

Figure 14 — Compensated flow-control valves with two main ports of 23,4 mm maximum port diameter
(code: 6263-08-13-*97)

Code: 6263-08-15-97

Dimensions in millimetres



1) The minimum thread depth is 1,5 times the screw diameter, D . The recommended full thread depth is $2D + 6$ mm to facilitate interchangeability of valves and to reduce the number of fixing screw lengths. The recommended engagement of fixing screw thread for ferrous mountings is $1,25D$.

2) The dimensions specifying the area within the chain thick lines are the minimum dimensions for the mounting surface. The corners of the rectangle may be radiused to a maximum radius, r_{\max} , equal to the thread diameter of the fixing screws. Along each axis the fixing holes are at equal distances to the mounting surface edges.

3) This dimension gives the minimum space required for a valve with this mounting surface. The dimension is also the minimum distance from centreline to centreline of two identical mounting surfaces placed on a manifold block. The valve manufacturer's attention is drawn to the fact that no part of the width of the complete valve assembly shall exceed this dimension.

4) Blind hole in the mounting surface to accommodate the locating pin on the valves. The minimum depth is 4 mm.

NOTES

1 The supplier shall stipulate the maximum working pressure for subplates and manifold blocks.

2 See figure 16 for graphical symbols.

Axis	P	A	T	L	V	G ₁	G ₂	F ₁	F ₂	F ₃	F ₄
	Ø 23,4 max.	Ø 23,4 max.	Ø 23,4 max.	Ø 11,1 max.	Ø 7,9 max.	Ø 16,5	Ø 16,5	M16	M16	M16	M16
x	73	30,2	115,9	73	73	1,6	144,5	0	146	146	0
y	12,7	104,8	104,8	85,7	133,4	41,3	41,3	0	0	133,4	133,4

Figure 15 — Mounting surface for compensated flow-control valves with main ports of 23,4 mm port diameter (size 08)

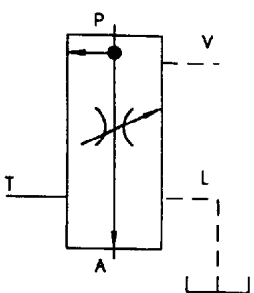
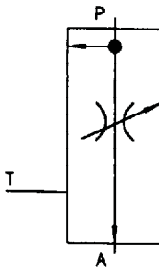
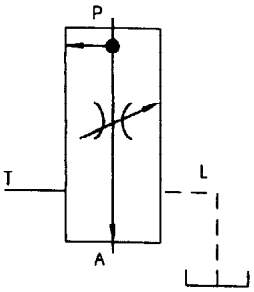
Option according to ISO 5783	0	1
Description	Internal drain	External drain
Compensated flow-control valves with three main ports External pilot		
Compensated flow-control valves with three main ports Internal pilot		

Figure 16 — Compensated flow-control valves with three main ports of 23,4 mm maximum port diameter
(code: 6263-08-15-*·97)

Annex A
(informative)

Bibliography

- [1] ISO 129:1985, *Technical drawings — Dimensioning — General principles, definitions, methods of execution and special indications.*
- [2] ISO 286-1:1988, *ISO system of limits and fits — Part 1: Bases of tolerances, deviations and fits.*
- [3] ISO 965-1:1980, *ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data.*

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