

Bosch Rexroth LFA63DBS2-7X/400 pressure-control logic valve cover

Manufacturer: Bosch Rexroth
Manufacturer part number / published order designation: R900955870
Published model: LFA63DBS2-7X/400

About this compilation

Prepared by Hydmaster from selected manufacturer documentation. Original technical pages follow without cropped drawings, rewritten data or altered units. This cover and index are Hydmaster editorial material, not a manufacturer-issued exact-execution datasheet.

Coverage: selected pages relevant to the identified size and configuration. Other options or neighbouring models retained on an original page apply only where explicitly identified.

Execution notes and conditions

No complete assembly pressure/flow rating, electrical pilot voltage, delivery preset or seal-fluid temperature envelope is inferred.

Source-page index

Source page numbers below are physical pages of each complete original PDF. The original printed page labels and technical content remain unchanged. Compiled page numbers count this cover/index.

Source A: Bosch Rexroth Pressure Logic Lc Lfa Re21050 2003

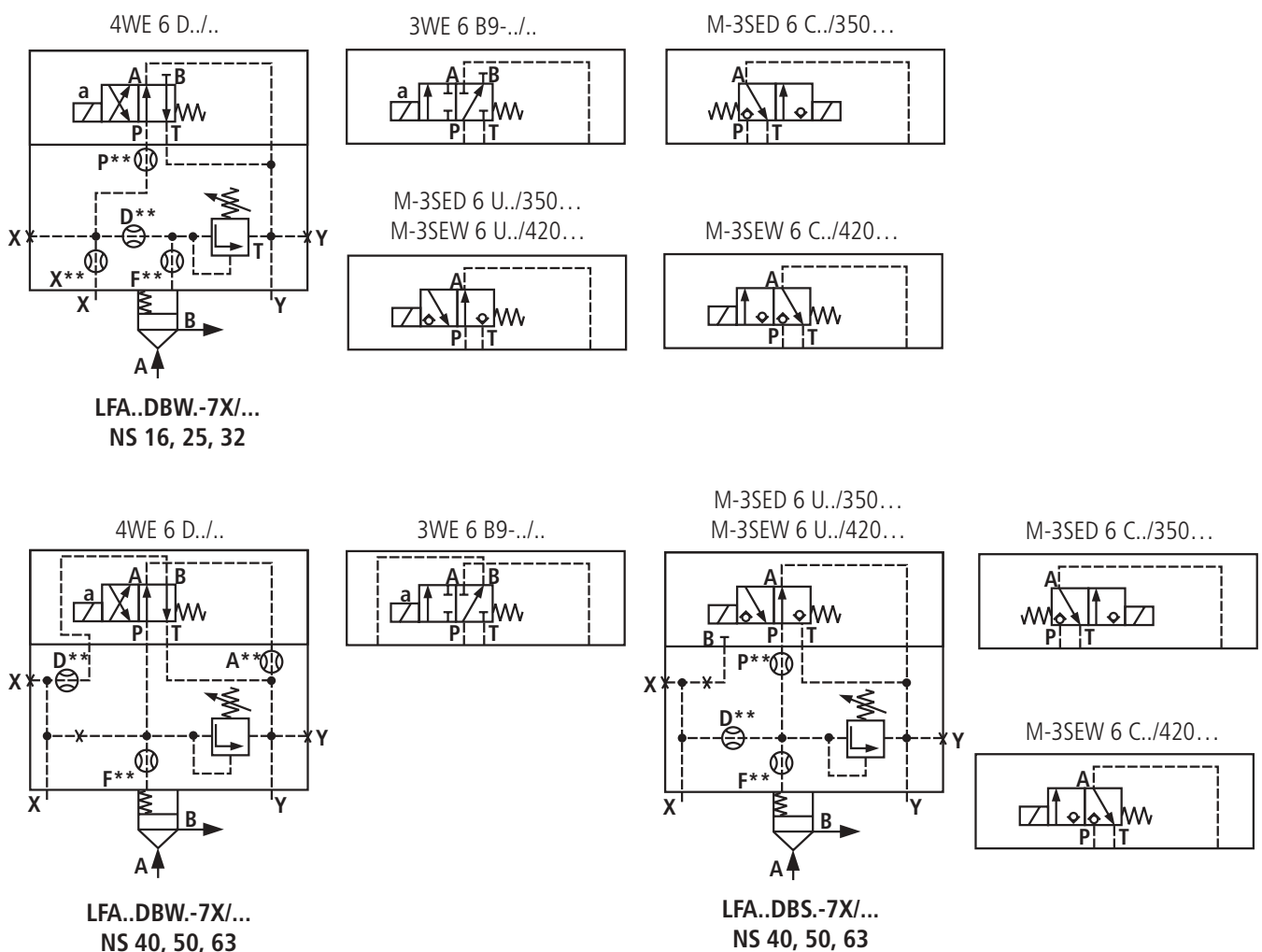
Original pages	Compiled pages	Relevant content
21	2	Actual DBS size 63 series 7X ordering key, adjustment type 2, pressure stage 400 and separate pilot-valve constraints
24	3	Size 63 DBS arrangement, separate pilot-valve options and manufacturer interface dimensions

Control cover with manual pressure adjustment, for electrical unloading

NS 16 to 100

	1	2	3	4	5	6	9	
	LFA							
NS 16	= 16							
NS 25	= 25							
NS 32	Series = 32	NS 80	Series = 80					
NS 40	7X = 40	NS 100	6X = 100					
NS 50	= 50							
NS 63	= 63							
Control cover type For mounting a directional spool (NS 16 to 100) or directional poppet valve (for NS 16, 25, 32) = DBW For mounting a directional poppet valve (for NS 40, 50, 63, 80, 100) = DBS								
Adjustment type Rotary knob = 1 Hexagon with protective cap = 2 Lockable rotary knob with scale (H-key to automotive industry standards) = 3 Rotary knob with scale not lockable = 4								
No code = NBR seals V = FKM seals (other seals on request) ⚠ Attention! The compatibility of the seals and pressure fluid has to be taken into account!								
Pressure stages (take max. perm. pressure of pilot valve into account)								
NS 16, 25, 32			NS 40, 50, 63, 80, 100					
025 = 25 bar			025 = 25 bar					
050 = 50 bar			050 = 50 bar					
100 = 100 bar			100 = 100 bar					
200 = 200 bar			200 = 200 bar					
315 = 315 bar			315 = 315 bar					
420 = 420 bar			400 = 400 bar					
6X =			Series 6X (NS 80 and 100)					
7X =			Series 7X (NS 16 to 63)					

NS 16 to 63



[illegible]

- 1 Port X optionally as a threaded port
- 2 Port Y optionally as a threaded port
- 3 Locating pin
- 4 Adjustment type "2"
- 5 Adjustment type "1"
- 6 Adjustment type "3"
- 7 Adjustment type "4"
- 8 Space required to remove the key
- 9 Name plate
- 10 Locknut
- 11 Valve fixing screws are included within the control cover scope of supply

Directional poppet valve
M-3SEW 6 U...

Directional poppet valve
M-3SED 6 U

P

D

F

	A**1)	P**1)	F**1)	D**1)
DBW	1.0		2.0	2.5
DBS		1.8	2.0	2.0

1) Orifice M6 tapered