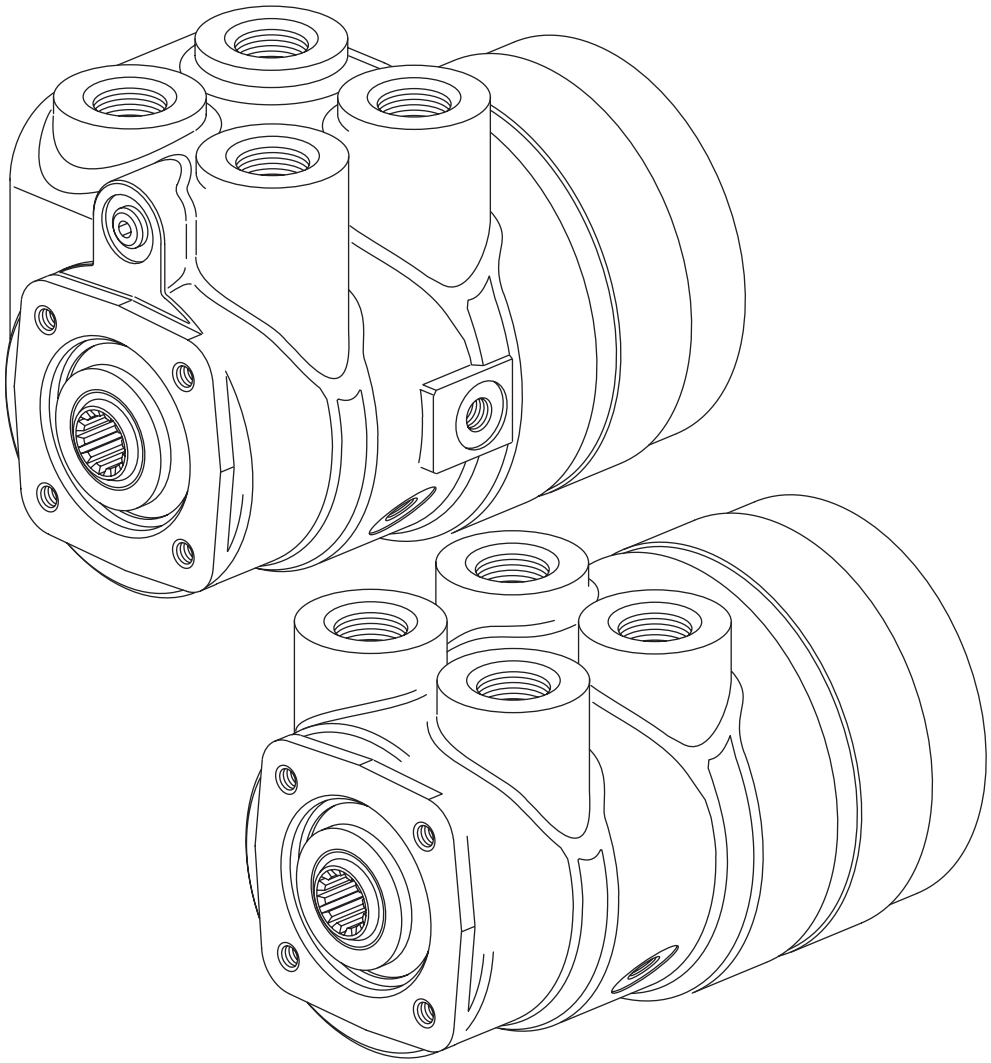
Danfoss
Power Steering

February 2023

Parts Manual

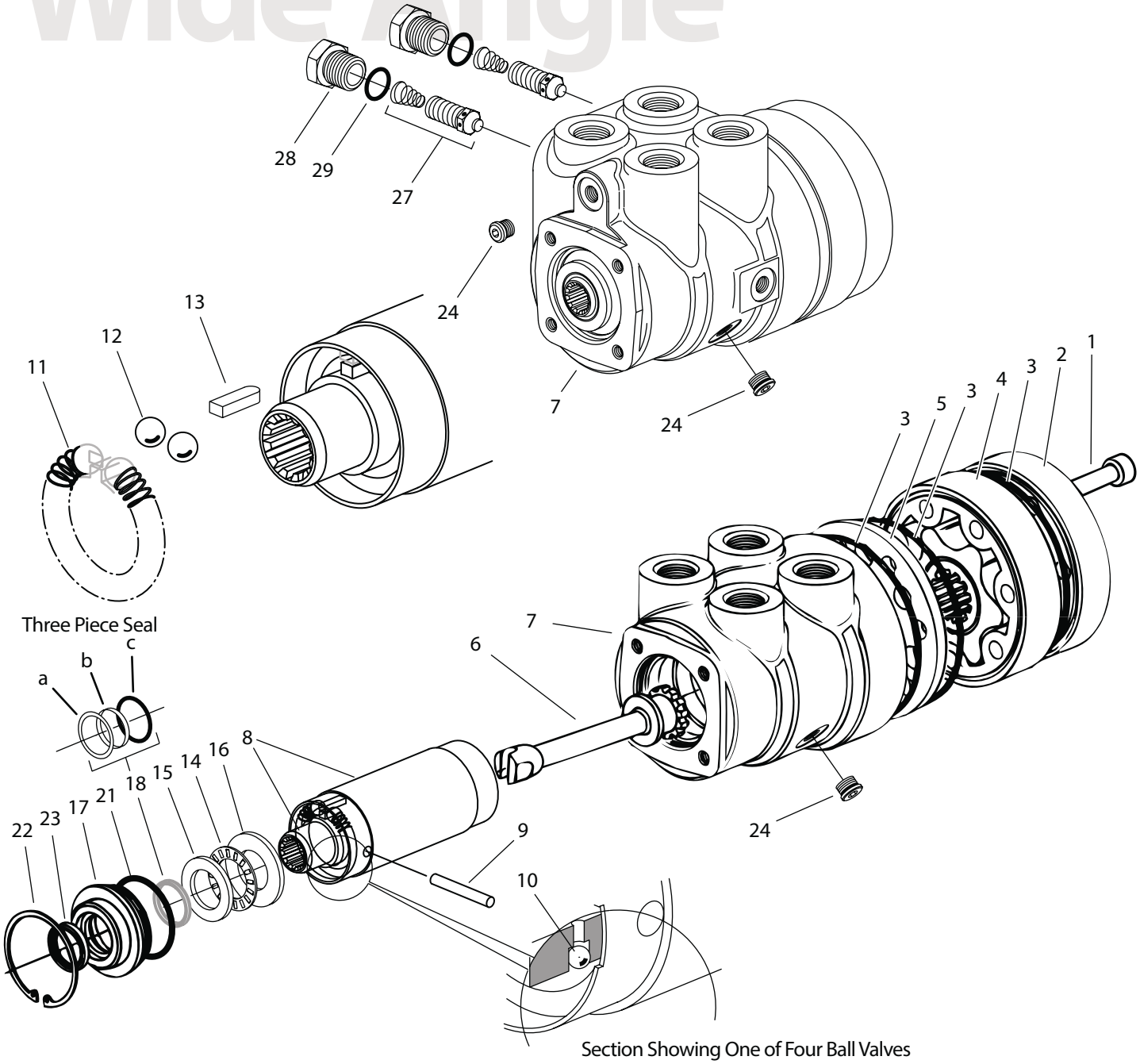


25 Series — Wide Angle Steering Control Units

002

AX442764123327en-000101

Wide Angle



Section Showing One of Four Ball Valves

Actual Displacement cm³/r [in³/r]	Ref. No. 4 Gerotor		Ref. No.1 Socket Head Cap Screw	
	Part No.	Width mm [in.]	Part No.	Length mm [in.]
490 [30]	21519-001	23,1 [. 9 1]	16148-824	63,5 [2.50]
625 [38]	21519-002	29,2 [1.15]	16148-826	69,8 [2.75]
795 [48]	21519-003	36,8 [1.45]	16148-830	76,2 [3.00]
985 [60]	21519-004	46,0 [1.81]	16148-834	88,9 [3.50]
1230 [75]	21519-005	57,6 [2.27]	16148-836	95,2 [3.75]
1560 [95]	21519-006	72,9 [2.87]	16148-844	114,3 [4.50]

Wide Angle

	Ref. No.		Part Number	Description	Qty. Per Unit
	1		*	Screw, Cap	7
	2		21509-000	Cap, End	1
X	3		250001-048	Seal, O-ring 120,4 mm [4.74 in.] ID	3
	4		*	Gerotor	1
	5		21847-000	Plate, Wear	1
	6		21514-000	Drive	1
	7		NSS	Housing	1
	8		NSS	Sleeve, Control	1
			NSS	Spool, Control	1
	9		14451-000	Pin, Centering	1
	10		285020-050	Ball	4
	11		230366-000	Spring, Centering	1
	12		18001-000	Ball	2
	13		14529-000	Key, Rectangular	1
	14		5544-000	Bearing, Needle Thrust	1
	15		8329-000	Race, Bearing	1
	16		14602-000	Race, Bearing	1
	17		23542-000	Retainer, Front	1
X	18	a	14400-000	Backup Ring	1
X		b	9092-033	Seal — 25,2 mm [.99 in.] ID *(Three Piece Seal)*	1
X		c	250001-121	Seal, O-ring — 26,6 mm [1.05 in.] ID	1
X	21		250001-136	Seal, O-ring, 50,5 mm [1.99 in.] ID	1
	22		14296-000	Ring, Retaining	1
X	23		844-000	Seal, Dust, 31,7 mm [1.25 in.] OD	1
	24		9072-003	Plug/O-ring S/A (7/16-20 UNF Port)	1 or 2**
X			250003-904	Seal, O-ring 8,9 mm [.35 in.] ID	1
			9037-002	Plug/O-ring S/A (M12 Port)	1
X			16304-012	Seal, O-ring 9,4 mm [.37 in.] ID	1
	27**		106121-300	Valve, Power Limiter (207 bar [3000 PSI])	2
			106121-325	Valve, Power Limiter (224 bar [3250 PSI])	2
			106121-350	Valve, Power Limiter (234 bar [3390 PSI])	2
				Valve, Power Limiter (240 bar [3480 PSI])	2
				Valve, Power Limiter (241 bar [3500 PSI])	2
			106121-375	Valve, Power Limiter (259 bar [3760 PSI])	2
			106121-400	Valve, Power Limiter (276 bar [4000 PSI])	2
			106121-425	Valve, Power Limiter (293 bar [4250 PSI])	2
	28**		104875-000	Plug, Valve	2
X	29**		250003-910	Seal, O-ring, 19,2 mm [.76 in.] ID	2
			64546-000	Seal Kit — Contains Parts Indicated by X.	
			64462-000	Centering Spring Kit (Ref No. 11, 12, and 13)	

* — See Chart on Page 2 for Information on Specific Models

** — Steering Control Units with Cylinder Relief Valve

NSS — Not Sold Separately

Wide Angle

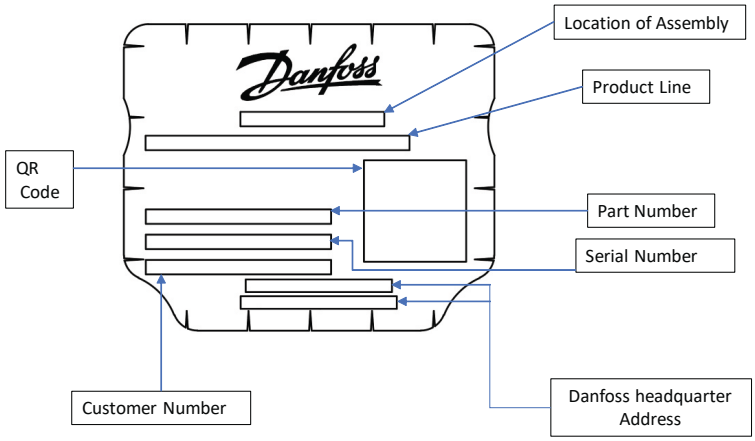
How to Order Replacement Parts

Each Order Must Include the Following:

1. Product Number
2. Date Code
3. Part Name
4. Part Number
5. Quantity of Parts

For More Detailed Information Contact your Danfoss representative.

- Specifications and performance data, Catalog No. 11-872
- When servicing Steering Control Unit Refer to Repair Information No. 7-306. This repair manual lists tools required, and step by step disassembly and reassembly procedures.



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