

# Ordering Code / Standard Program

A11V		O		/	1		-	N								
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	

**Axial piston unit**

01	Swashplate design, variable, nominal pressure 350 bar, peak pressure 400 bar														A11V
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**Charge pump (impeller)**

		40	60	75	95	130	145	190	260	
02	without charge pump (no code)	•	•	•	•	•	•	•	•	
	with charge pump	-	-	-	-	•	•	•	•	L

**Operation**

03	Pump, open circuit	O
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**Size**

04	≈ Displacement $V_{g \max}$ in $cm^3$	40	60	75	95	130	145	190	260
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**Control unit**

05	Power control		LR				•	•	•	•	•	•	•	•	•	•	LR		
	with override	cross-sensing	negative	LR	C			•	•	•	•	•	•	•	•	•	•	LR.C	
		high-pressure related	negative	LR3				•	•	•	•	•	•	•	•	•	•	LR3	
		pilot-pressure related	negative	LG1					•	•	•	•	•	•	•	•	•	•	LG1
			positive	LG2					•	•	•	•	•	•	•	•	•	•	LG2
	electric	U = 12 V	negative	LE1				○	○	○	•	•	•	•	•	•	•	LE1	
			positive	LE2				○	•	•	•	•	•	•	•	•	•	LE2	
	with pressure cut-off			D				•	•	•	•	•	•	•	•	•	•	L..D..	
		hydraulic, 2-stage		E				•	•	•	•	•	•	•	•	•	•	L..E..	
		hydraulic, remote controlled			G				•	•	•	•	•	•	•	•	•	•	L..G..
	with load-sensing					S		•	•	•	•	•	•	•	•	•	•	L...S	
		electric, prop. override, 12 V				S2	○	○	○	•	•	•	•	•	•	•	•	•	L...S2
		hydraulic, prop. override				S5	○	○	○	•	•	•	•	•	•	•	•	•	L...S5
	with stroke limiter	negative characteristic	$\Delta p = 25$ bar			H1		•	•	•	•	•	•	•	•	•	•	L...H1	
			$\Delta p = 10$ bar			H5		•	•	•	•	•	•	•	•	•	•	L...H5	
		positive characteristic	$\Delta p = 25$ bar			H2		•	•	•	•	•	•	•	•	•	•	L...H2	
			$\Delta p = 10$ bar			H6		•	•	•	•	•	•	•	•	•	•	•	L...H6
				U = 12 V			U1		•	•	•	•	•	•	•	•	•	•	L...U1
				U = 24 V			U2		•	•	•	•	•	•	•	•	•	•	L...U2
	Pressure control			DR				•	•	•	•	•	•	•	•	•	•	DR	
	with load-sensing			DRS				•	•	•	•	•	•	•	•	•	•	DRS	
		remote controlled		DRG				•	•	•	•	•	•	•	•	•	•	DRG	
		for parallel operation		DRL				•	•	•	•	•	•	•	•	•	•	•	DRL
	Hydraulic control, pilot-pressure related			$\Delta p = 10$ bar	HD1			•	•	•	•	•	•	•	•	•	•	HD1	
		(positive characteristic)		$\Delta p = 25$ bar	HD2			•	•	•	•	•	•	•	•	•	•	HD2	
with pressure cut-off			D			•	•	•	•	•	•	•	•	•	•	HD.D			
with pressure cut-off, remote controlled			G			○	•	○	○	○	○	•	•	•	•	•	HD.G		
Electric control with proportional solenoid			U = 12 V	EP1			•	•	•	•	•	•	•	•	•	•	EP1		
	(positive characteristic)		U = 24 V	EP2			•	•	•	•	•	•	•	•	•	•	EP2		
	with pressure cut-off			D			•	•	•	•	•	•	•	•	•	•	•	EP.D	
	with pressure cut-off, remote control			G			•	•	•	•	•	•	•	•	•	•	•	EP.G	

In case of controls with several additional functions, observe the order of the columns, only one option per column is possible (e.g. LRDCH2). The following combinations are not available for the power control: LRDS2, LRDS5, L...GS, L...GS2, L...GS5, L...EC and the combination L...DG in conjunction with the stroke limiters H1, H2, H5, H6, U1 and U2.

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**Series**

06		<b>1</b>
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**Index**

07		Size 40 ... 130	<b>0</b>
		Size 145 ... 260	<b>1</b>

**Direction of rotation**

08	Viewed from shaft end	clockwise	<b>R</b>
		counter-clockwise	<b>L</b>

**Seals**

09	NBR (nitrile-caoutchouc), shaft seal ring in FKM (fluor-caoutchouc)	<b>N</b>
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**Shaft end** (see page 8 for permissible input and through drive torques)

		40	60	75	95	130	145	190	260		
10	Splined shaft DIN 5480 for single and combination pump	•	•	•	•	•	•	•	•	<b>Z</b>	
	Parallel keyed shaft DIN 6885	•	•	•	•	•	•	•	•	<b>P</b>	
	Splined shaft ANSI B92.1a-1976	for single pump	•	•	•	•	•	•	•	•	<b>S</b>
		for combination pump	•	•	•	-1)	-1)	-1)	•	•	<b>T</b>

**Mounting flange**

		40	60	75	95	130	145	190	260	
11	SAE J744 - 2-hole	•	•	-	-	-	-	-	-	<b>C</b>
	SAE J744 - 4-hole	-	-	•	•	•	•	•	•	<b>D</b>
	SAE J617 <sup>2)</sup> (SAE 3)	-	-	-	•	•	•	•	-	<b>G</b>

**Service line ports**

		40	60	75	95	130	145	190	260	
12	Pressure and suction port SAE, at side, opposite side (with metric fastening threads)	•	•	•	•	•	•	•	•	<b>12</b>

**Through drive** (see page 58 for attachments)

		40	60	75	95	130	145	190	260		
13	Flange SAE J744 <sup>3)</sup> Coupler for splined shaft										
	-	•	•	•	•	•	•	•	•	<b>N00</b>	
	82-2 (A)	5/8in 9T 16/32DP (A)	•	•	•	•	•	•	•	•	<b>K01</b>
		3/4in 11T 16/32DP (A-B)	○	•	○	•	•	•	○	○	<b>K52</b>
	101-2 (B)	7/8in 13T 16/32DP (B)	•	•	•	•	•	•	•	•	<b>K02</b>
		1 in 15T 16/32DP (B-B)	•	•	•	•	•	•	•	•	<b>K04</b>
		W35 2x30x16x9g	•	•	•	•	•	•	•	•	<b>K79</b>
	127-2 (C) <sup>4)</sup>	1 1/4in 14T 12/24DP (C)	-	•	•	•	•	•	•	•	<b>K07</b>
		1 1/2in 17T 12/24DP (C-C)	-	-	-	•	•	•	•	•	<b>K24</b>
		W30 2x30x14x9g	-	•	•	•	•	•	•	•	<b>K80</b>
		W35 2x30x16x9g	-	•	•	•	•	•	•	•	<b>K61</b>
	152-4 (D)	1 1/4in 14T 12/24DP (C)	-	-	•	•	•	•	•	•	<b>K86</b>
		1 3/4in 13T 8/16DP (D)	-	-	-	-	•	•	•	•	<b>K17</b>
		W40 2x30x18x9g	-	-	•	•	•	•	•	•	<b>K81</b>
		W45 2x30x21x9g	-	-	-	•	•	•	•	•	<b>K82</b>
		W50 2x30x24x9g	-	-	-	-	•	•	•	•	<b>K83</b>
	165-4 (E)	1 3/4in 13T 8/16DP (D)	-	-	-	-	-	-	•	•	<b>K72</b>
		W50 2x30x24x9g	-	-	-	-	-	-	•	•	<b>K84</b>
		W60 2x30x28x9g	-	-	-	-	-	-	-	•	<b>K67</b>

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**Swivel angle indicator (page 59)**

40 60 75 95 130 145 190 260

14	without swivel angle indicator (no symbol)	●	●	●	●	●	●	●	●	
	with optical swivel angle indicator	●	-	●	●	●	●	●	●	V
	with electric swivel angle sensor	●	-	●	●	●	●	●	●	R

**Connector for solenoids (page 60)**

40 60 75 95 130 145 190 260

15	DEUTSCH connector molded, 2-pin – without suppressor diode	●	●	●	●	●	●	●	●	P
	HIRSCHMANN connector – without suppressor diode	▲	▲	▲	▲	▲	▲	▲	▲	H

**Standard / special version**

16	Standard version	without symbol	
		combined with attachment part or attachment pump	-K
	Special version		-S
		combined with attachment part or attachment pump	-SK

- 1) S-shaft suitable for combination pump!
- 2) To fit the flywheel case of the combustion engine
- 3) 2  $\triangle$  2-hole; 4  $\triangle$  4-hole
- 4) Size 190 and 260 with 2 + 4-hole flange

● = available    ○ = on request    ▲ = not for new projects    - = not available    □ = preferred program