

Ordering Code of HA10V Series 3 Hydraulic Piston Pump

01	02	03	04	05	06	07	08	09	10	11	12	13				
	HA10V				/	Series 3	-	V								
Version								18	28	45	71	88	100	140		
01	Standard version (without code)							•	•	•	•	•	•			
	High-speed version (external dimensions are the same as the standard version)							-	-	•	•	-	•	•	H	
Axial piston unit																
02	Swashplate design, variable, nominal pressure 280 bar, maximum pressure 350 bar							•	-	-	-	-	-	-	HA10V(S)	
								-	•	•	•	•	•	•	•	HA10V
Operating mode																
03	Open circuit standard															
Size (Displacement)																
04	Geometric displacement, see table of values on pages 6 and 7							18	28	45	71	88	100	140		
Control device																
05	Two-point control, direct operated							•	•	•	•	•	•	•	TP	
	Pressure controller		hydraulic					•	•	•	•	•	•	•	PR	
	with flow controller		hydraulic		X-T open			•	•	•	•	•	•	•	LS	
					X-T plugged with flushing function			•	•	•	•	•	•	•	LS1	
					X-T plugged without flushing function			•	•	•	•	•	•	•	•	LS-C
	with flow and differential pressure control, electrically variable							•	•	•	•	•	•	•	ELS	
	with pressure cut-off		hydraulic		remote controlled			•	•	•	•	•	•	•	•	PRR
								electrical		negative control		U = 12 V		•	•	•
			U = 24 V		•	•	•					•	•	•	•	EN24
			electrical		positive control		U = 12 V			•	•	•	•	•	•	•
							U = 24 V		•	•	•	•	•	•	•	•
	Pressure-flow power control							-	•	•	•	•	•	•	PFP	
	Series															
	06	Series 3													3	
	Direction of rotation															
07	Viewed on drive shaft					clockwise								R		
						counter-clockwise								L		
Sealing material																
08	FKM (fluoroelastomer)													V		
Drive shaft																
09	Splined shaft ANSI B92.1a				standard shaft			•	•	•	•	•	•	•	S	
Mounting flange																
10	ISO 3019-1 (SAE)					2-hole			•	•	•	•	•	•	•	S
						4-hole			•	•	•	•	•	-	-	•

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Working port				18	28	45	71	88	100	140	
11	SAE flange ports according to J518 Working ports metric	Fastening thread metric; rear	not for tandem	-	•	•	-	-	•	•	11
				-	-	-	•	•	-	-	41
		Fastening thread metric; lateral top bottom	for tandem	•	•	•	-	-	•	•	12
				-	-	-	•	•	-	-	42
	SAE flange ports according to J518 Working ports UNF	Fastening thread UNF; rear	not for tandem	-	•	•	-	-	•	•	61
				-	-	-	•	•	-	-	91
		Fastening thread UNF; lateral top bottom	for tandem	•	•	•	-	-	•	•	62
				-	-	-	•	•	-	-	92

Through drive				18	28	45	71	88	100	140	
12	Flange ISO 3019-1 Diameter	Hub for splined shaft Diameter									
	without tandem			•	•	•	•	•	•	•	N00
	82-2 (A)	5/8 in	9T 16/32DP	•	•	•	•	•	•	•	K01
		3/4 in	11T 16/32DP	•	•	•	•	•	•	•	K52
	101-2 (B)	7/8 in	13T 16/32DP	-	•	•	•	•	•	•	K68
		1 in	15T 16/32DP	-	-	•	•	•	•	•	K04
	127-2 (C)	1 1/4 in	14T 12/24DP	-	-	-	•	•	•	•	K07
		1 1/2 in	17T 12/24DP	-	-	-	-	-	•	•	K24
	152-4 (D)	1 3/4 in	13T 8/16DP	-	-	-	-	-	-	•	K17
				-	-	-	-	-	-	-	

Connectors for solenoids											
13	Without connector (without solenoid, with hydraulic control only, without code)							•	•	•	•

● = Available ○ = On request - = Not available

