## Type code for standard program



																-	//\
	PA10VS	0	45	DFLR	,	31	R		V	Р		A		12		100	
1	2	3	4	5		6	7		8	9		10		11		12	13
Versi	on										10	20	45	74	100	1.10	
1	ndard vers	sion (wi	thou	t svmb	ol)						18	28	45	71	100	140	
	A, HFB, HI					ept fo	Skydr	ol)			-	-	-	-	-	-	Е
	h-speed v			,							-	-	-	-	-	-	Н
Axial	piston unit																
Swa	shplate de imum pres					essure	4000 p	si(28	0 bar),								PA10VS
Opera	ation mode																
Pun	np, open o	circuit															0
Size	(NG)																
Geo	ometric dis	splacen	nent,	see ta	ble	of valu	ies on	pag	es 6 a	nd 7	18	28	45	71	100	140	
Cont	rol device																
		ntrol. dii	rectly	/ opera	ted	11											DG
Two-point control, directly operated I I  Pressure control									-						DR		
	with flow	control	, hyc	Iraulic													
3				X-T op	en						-	•		•	•	•	DFR
		X-T closed									-		-		-	•	DFR1
	with swivel-angle control, eletric								-	-	-	-	-	-	FE1 1)		
pressure and swivel-angle control, electric								ectric	-	-	-	-	-	-	DFE1 1		
with pressure cut-off, remotely operated																	
	hydraulic										-	-	-	-	-	•	DRG
	electrical			negative characteristic	_1	2V		-	-	-	-	-	-	ED71			
								2	4V		-	-	-	-	-	-	ED72
				positive characteristic				_1	2V		-	-	-	-	-	-	ER71 2)
							2	4V		-	-	-	-	-	-	ER72 2)	
Pre	ssure, flov	v and p	owe	contro	ol						-			•			DFLR
Serie	s																
Ser	ies 3, Inde	ex 1															31
Direc	tion of rota	tion															
\/ie\	Viewed on drive shaft				clockwise								R				
VIC							counter clockwise L								L		

## Seals

5	2	FKM (VITON)	V	
	,	NBR	Р	*

1)The following must be taken into account during project planning:
Excessive current levels (I >1200 mA with 12 V or I > 600 mA with 24 V) to the ER solenoid can result in undesiredincrease of pressure which can lead to pump or system damage:

<sup>-</sup> Use Imax current limiter solenoids.

<sup>-</sup> A sandwich plate pressure reducing valve can be used to protect the pump in the event of overflow.

An accessory kit with pressure reducing sandwich plate can be ordered from YEOSHE

<sup>1)</sup> Coupling for splined shaft according to ANSI B92.1a

<sup>&</sup>lt;sup>2)</sup> Other electrical connector might be differrent

<sup>3)</sup> Peference: SAE version from A-39

## Type code for standard program



	PA10VS O 4	5 DFLR	/ 31 R - V P		Α		12		100	
	1 2 3 4	5	6 7 8 9		10		11		12	13
	Version			18	28	45	71	100	140	
	Splined shaft standar	rd shaft								S
	ANSI B92.1a similar t	to shaft "S"	however for higher input torque			-		-	-	R
9			, not for through dri∨e		Δ	Δ	Δ		-	U
9	same a	ıs "U", high	er torque; not for through drive	-	Δ	Δ	Δ	Δ	-	W
	Parallel keyed shaft	Metr	ic DIN 6885		-	-				Р
	Not for through drive	SAE	ISO 3019-1	•	•	•				K
			Note	: Sam	ne sp	linec				E/Metric
	Mounting flange 18 28	0 5 -1-		18	28	45		100		
	ISO 3019-2 (Metric)	2-hole		-	-	-	-	-	-	A
10		4-hole		-	-	-	-	-		В
	ISO 3019-1 (SAE)	2-hole		•	-	-	-	•	-	C 3)
133		4-hole		-	-	-	-	-		D 3)
	Service line port			18	28	45	71	100	140	
	0.00	., .,				•	-			12
	SAE flange ports on op	posite side	metric-fastening thread	-	-	-		-	-	42
11	89479590, 309 50	1099 9535					-			62 <sup>3)</sup>
	SAE flange ports on op	oposite sid	e,UNC fastening thread	-	-	-		-	-	92 ³)
	Through drive			18	28	45	71	100	140	
	without through drive			10				100	140	N00
	Flange ISO 3019-1		100	1000				1100		
	Diameter	diameter	for splined shaft 1)							
	82-2 (A)	5/8 in	9T 16/32DP							K01
	02 2 (7)	3/4 in	11T 16/32DP				-	-		K52
	101-2 (B)	7/8 in	13T 16/32DP	-			Ē	-		K68
	1012(D)	1 in	15T 16/32DP	-	-					K04
	127-2 (C)		14T 12/24DP	-	-		-			K07
	127 2 (0)	1 1/2 in	17T 12/24DP	-	_		-	-		K24
	152-4 (D)	1 3/4 in	13T 8/16DP	_	_	_	-	-	Н	K17
12	102 1 (5)	1 3/4 111	13 1 0/10 0/		_	_				IXI7
	Ø 63 , Metric 4 hole	key shaf	t Ø 25	_						K57
	Flange ISO 3019-2	noy silai	. 5 20					_		1107
	Diameter									
	80 , 2-hole	3/4 in	11T 16/32DP							KB2
	100 · 2-hole	7/8 in	13T 16/32DP	-						KB3
	100 - 2-11010	1 in	15T 16/32DP	-	-	•				KB4
	125 , 2-hole	1 1/4 in	14T 12/24DP	-	_	Ē		i		KB5
	12500211016	1 1/4 in	17T 12/24DP	-	-		-	i	H	KB6
	180 , 4-hole	1 3/4 in	13T 8/16DP	-	_			-	H	KB7
	100 7 4-11016	1 3/4 111	131 0/10 0/				3			KD1
	Connectors for solenoids 2			18	28	45	71	100	140	
13	HIRSCHMANN connec	ctor - with	out suppressor diode	-	-	-	-	-	-	Н