

QD NARROW WEDGE BELT PULLEY CATALOG



C.N.INDUSTRIAL PRODUCT

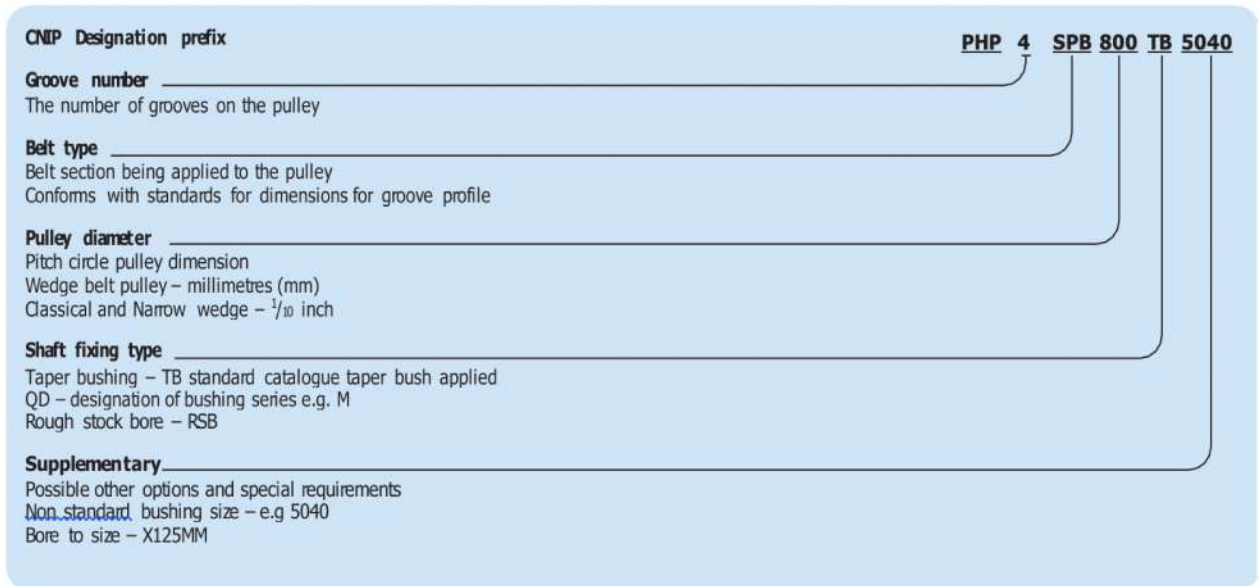
(AN ISO : 9001-2015, 14001:2015 & 45001:2018)

CNIP Pulleys

CNIP pulley range nomenclature has a defined prefix of PHP. All pulleys are made to be applied to standardized belts. CNIP pulleys conform to conventional basic belt part number format – ISO, BS, or DIN.

Pulleys – V-belts

The pulley range designation from CNIP has the following is an example to indicate set up.



Pulleys (PHP Product Group)

Classical and trapezoidal inch pitch timing pulleys (MXL, XL, L, H, XH, XXH) are manufactured according to ISO 5294.

Metric pitch series timing pulleys (T/AT) are manufactured according to DIN 7721.

All SKF V-belt pulleys are manufactured to the standards ISO 4183, DIN 2211, ANSI Narrow V-belt pulley IP-22 and the ANSI Classical V-belt pulley IP-20. They are interchangeable with type SPA, SPB, SPC and SPZ. The pulleys are made from cast iron G3000 (GG) to American standard “SAEJ431AVG96”.

Following are the requirements of G3000:

- Tensile strength = 207Mpa
- Hardness = HB 187-241
- Chemical composition C 3,1-3,4 %, Si 1,9-2,3 %, Mn 0,6-0,9 %, S = 0,15 %, P = 0,15%

After being machined, pulleys are phosphated and treated with a rustproofoil.

All pulleys are statically balanced to G6.3 according to ISO 1940. After balanced the pulleys are suitable for the linear speed of not more than 35 m/s. Two Plane (Dynamic) balancing can be provided on request.

SKF can issue a certificate stating that all pulleys are dynamically balanced in case of any special customer request.

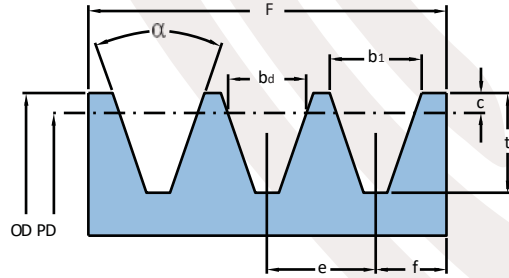


Standard pulley groove dimensions DIN2211/1 and BS3970

Classical V-belt pulleys | Narrow Wedge V-belt pulleys (DIN / BS / ISO) | Narrow wedge belt pulleys (RMA)

Nomenclature:

- α Pulley groove included angle (°)
- OD Outside diameter
- PD Effective (pitch) diameter
- b_d Effective width at pitch line b_1
- Groove top width
- c Distance from pitch to outside diameter ($=OD - PD/2$) e
- Transverse pitch of grooves (to centers)
- f Minimum recommended distance from edge of pulley to center of first groove
- t Total groove depth



Classical V-belt pulleys

Classical belt series	Pitch diameter range	Groove angle	Dimensions				
			α	b_1	b_d	t	c
	mm	°	mm				
13/A-17/B	85 - 170	34	15,55	15,88	19,05	4,45	12,70
	Over 170	38	15,55	15,88	19,05	4,45	12,70
22/C	178 - 203	34	22,33	19,81	25,40	5,08	17,48
	203 - 305	36	22,53	19,81	25,40	5,08	17,48
	Over 305	38	22,73	19,81	25,40	5,08	17,48
32/D	305 - 330	34	31,98	26,67	36,53	7,62	22,23
	330 - 432	36	32,28	26,67	36,53	7,62	22,23
	Over 432	38	32,59	26,67	36,53	7,62	22,23
40/E	457 - 610	36	38,79	33,02	44,45	10,16	31,24
	Over 610	38	39,17	33,02	44,45	10,16	31,24

Narrow Wedge V-belt pulleys (DN / BS / ISO)

Classical belt series	Pitch diameter range	Groove angle	Dimensions					
			α	b_1	b_d	$t(+0.6/-0.0)$	c	e
	mm	°	mm					
SPZ	Up to & incl. 80	34	9,7	8,5	11,00	2,00	$12,0 \pm 0,3$	8,0
	Over 80	38	9,7	8,5	11,00	2,00	$12,0 \pm 0,3$	8,0
SPA	Up to & incl. 118	34	12,7	11,0	14,00	2,80	$15,0 \pm 0,3$	10,0
	Over 118	38	12,7	11,0	14,00	2,80	$15,0 \pm 0,3$	10,0
SPB	Up to & incl. 190	34	16,2	14,4	18,00	3,50	$19,0 \pm 0,4$	12,5
	Over 190	38	16,2	14,4	18,00	3,50	$19,0 \pm 0,4$	12,5
SPC	Up to & incl. 315	34	22,0	19,0	24,00	4,80	$25,5 \pm 0,5$	17,0
	Over 315	38	22,0	19,0	24,00	4,80	$25,5 \pm 0,5$	17,0

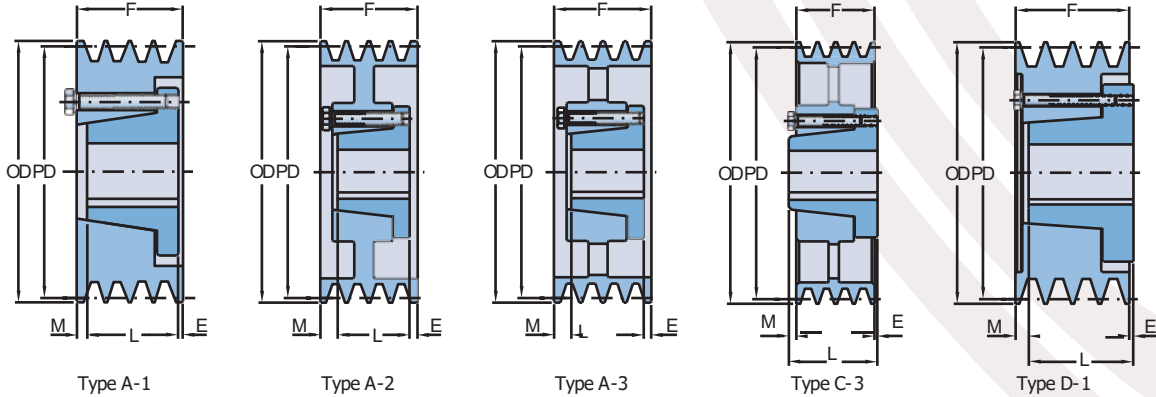
Narrow wedge belt pulleys (RMA)

RMA Belt series	Pitch diameter range	Groove angle	Dimensions					
			α	b_1	b_d	t	c	e
	mm	°	mm					
3V, 3VX	Up to & incl. 90	36	8,89	8,89	8,64	0,64	$10,3 \pm 0,4$	8,74
	Over 90 - 150	38	8,89	8,89	8,64	0,64	$10,3 \pm 0,4$	8,74
	Over 150 - 305	40	8,89	8,89	8,64	0,64	$10,3 \pm 0,4$	8,74
5V, 5VX	Over 305	42	8,89	8,89	8,64	0,64	$10,3 \pm 0,4$	8,74
	Over 140 - 255	38	15,24	12,70	14,98	1,27	$17,5 \pm 0,4$	3,20
	Over 255 - 405	40	15,24	12,70	14,98	1,27	$17,5 \pm 0,4$	3,20
8V, 8VX	Over 405	42	15,24	12,70	14,98	1,27	$17,5 \pm 0,4$	3,20
	Over 315 - 405	38	25,40	25,40	25,15	2,54	$28,6 \pm 0,4$	6,40
	Over 405 - 570	40	25,40	25,40	25,15	2,54	$28,6 \pm 0,4$	6,40
Over 570	42	25,40	25,40	25,15	2,54	$28,6 \pm 0,4$	6,40	

CNIP PULLEYS

Narrow wedge belt pulleys

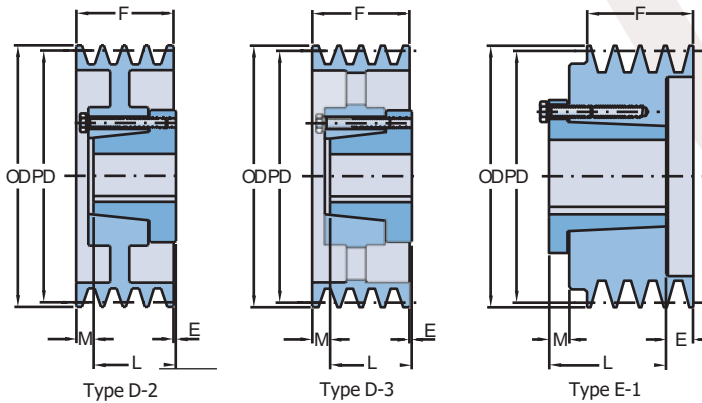
3V QD bushed



Section	Number of grooves	Pitch diameter PD	Pulley type	Bushin g numbe r	Dimension Ø _{outer}		Bore		E	F	L	M	Mass ¹⁾ kg	Designation	
					diameter OD	mm	in.	Min.							Max.
3V	1	54,61	E-1	JA	55,88	2.20	12.70	31.75	15.88	17.46	25.40	24	0,2	PHP 1-3V220-JA	
		58,42	E-1	JA	59,69	2.35	12.70	31.75	15.08	17.46	25.40	23	0,2	PHP 1-3V235-JA	
		62,23	E-1	JA	63,50	2.50	12.70	31.75	15.08	17.46	25.40	23	0,2	PHP 1-3V250-JA	
		66,04	D-1	JA	67,31	2.65	12.70	31.75	9.53	17.46	25.40	2	0,3	PHP 1-3V265-JA	
		69,85	D-1	JA	71,12	2.80	12.70	31.75	9.53	17.46	25.40	2	0,3	PHP 1-3V280-JA	
		74,93	D-1	JA	76,20	3.00	12.70	31.75	9.53	17.46	25.40	2	0,4	PHP 1-3V300-JA	
		78,74	D-1	JA	80,01	3.15	12.70	31.75	9.53	17.46	25.40	2	0,4	PHP 1-3V315-JA	
		83,82	D-1	JA	85,09	3.35	12.70	31.75	9.53	17.46	25.40	2	0,5	PHP 1-3V335-JA	
		91,44	D-1	SH	92,71	3.65	12.70	41.28	16.67	17.46	33.34	1	0,6	PHP 1-3V365-SH	
		103,38	D-1	SH	104,65	4.12	12.70	41.28	16.67	17.46	33.34	1	0,8	PHP 1-3V412-SH	
		113,03	D-1	SH	114,30	4.50	12.70	41.28	16.67	17.46	33.34	1	1,0	PHP 1-3V450-SH	
		119,38	D-1	SH	120,65	4.75	12.70	41.28	16.67	17.46	33.34	1	1,1	PHP 1-3V475-SH	
	125,73	D-1	SH	127,00	5.00	12.70	41.28	16.67	17.46	33.34	1	1,2	PHP 1-3V500-SH		
	133,35	D-1	SH	134,62	5.30	12.70	41.28	16.67	17.46	33.34	1	1,3	PHP 1-3V530-SH		
	140,97	D-2	SH	142,24	5.60	12.70	41.28	16.67	17.46	33.34	1	1,4	PHP 1-3V560-SH		
	151,13	D-2	SH	152,40	6.00	12.70	41.28	16.67	17.46	33.34	1	1,5	PHP 1-3V600-SH		
	163,83	D-2	SH	165,10	6.50	12.70	41.28	16.67	17.46	33.34	1	1,9	PHP 1-3V650-SH		
	173,99	D-3	SH	175,26	6.90	12.70	41.28	16.67	17.46	33.34	1	2,0	PHP 1-3V690-SH		
	201,93	D-3	SDS	203,20	8.00	12.70	50.80	16.67	17.46	33.34	1	2,6	PHP 1-3V800-SDS		
	267,97	D-3	SDS	269,24	10.60	12.70	50.80	16.67	17.46	33.34	1	3,6	PHP 1-3V1060-SDS		
	354,33	C-3	SK	355,60	14.00	12.70	66.68	19.84	17.46	33.34	12	6,7	PHP 1-3V1400-SK		
	481,33	C-3	SK	482,60	19.00	12.70	66.68	19.84	17.46	33.34	12	10,9	PHP 1-3V1900-SK		
	3V	2	54,61	E-1	JA	55,88	2.20	12.70	31.75	8.73	27.78	25.40	24	0,3	PHP 2-3V220-JA
			58,42	E-1	JA	59,69	2.35	12.70	31.75	25.40	27.78	25.40	23	0,3	PHP 2-3V235-JA
62,23			E-1	JA	63,50	2.50	12.70	31.75	25.40	27.78	25.40	23	0,3	PHP 2-3V250-JA	
66,04			D-1	JA	67,31	2.65	12.70	31.75	9.53	27.78	25.40	12	0,4	PHP 2-3V265-JA	
69,85			D-1	JA	71,12	2.80	12.70	31.75	9.53	27.78	25.40	12	0,4	PHP 2-3V280-JA	
74,93			D-1	JA	76,20	3.00	12.70	31.75	9.53	27.78	25.40	12	0,5	PHP 2-3V300-JA	
78,74			D-1	JA	80,01	3.15	12.70	31.75	9.53	27.78	25.40	12	0,5	PHP 2-3V315-JA	
83,82			D-1	SH	85,09	3.35	12.70	41.28	13.49	27.78	33.34	8	0,6	PHP 2-3V335-SH	
91,44			D-1	SH	92,71	3.65	12.70	41.28	13.49	27.78	33.34	8	0,7	PHP 2-3V365-SH	
103,38			D-1	SH	104,65	4.12	12.70	41.28	8.73	27.78	33.34	3	1,0	PHP 2-3V412-SH	
113,03			D-1	SH	114,30	4.50	12.70	41.28	8.73	27.78	33.34	3	1,2	PHP 2-3V450-SH	
119,38			D-1	SH	120,65	4.75	12.70	41.28	8.73	27.78	33.34	3	1,4	PHP 2-3V475-SH	
125,73		D-1	SH	127,00	5.00	12.70	41.28	8.73	27.78	33.34	3	1,5	PHP 2-3V500-SH		
133,35		D-1	SH	134,62	5.30	12.70	41.28	8.73	27.78	33.34	3	1,8	PHP 2-3V530-SH		
140,97		D-2	SH	142,24	5.60	12.70	41.28	8.73	27.78	33.34	3	1,8	PHP 2-3V560-SH		
151,13		D-2	SH	152,40	6.00	12.70	41.28	8.73	27.78	33.34	3	2,0	PHP 2-3V600-SH		
163,83		D-2	SDS	165,10	6.50	12.70	50.80	8.73	27.78	33.34	3	2,7	PHP 2-3V650-SDS		
173,99		D-2	SDS	175,26	6.90	12.70	50.80	8.73	27.78	33.34	3	3,4	PHP 2-3V690-SDS		
201,93		D-3	SDS	203,20	8.00	12.70	50.80	8.73	27.78	33.34	3	3,9	PHP 2-3V800-SDS		
267,97		C-3	SK	269,24	10.60	12.70	66.68	13.49	27.78	33.34	8	5,7	PHP 2-3V1060-SK		
354,33		C-3	SK	355,60	14.00	12.70	66.68	13.49	27.78	33.34	8	8,9	PHP 2-3V1400-SK		
481,33		C-3	SK	482,60	19.00	12.70	66.68	13.49	27.78	33.34	8	12,3	PHP 2-3V1900-SK		
633,73		C-3	SF	635,00	25.00	12.70	74.61	15.08	27.78	52.39	10	17,2	PHP 2-3V2500-SF		
3V		3	62,23	E-1	JA	63,50	2.50	12.70	31.75	35.72	38.10	25.40	23	0,4	PHP 3-3V250-JA
	66,04		D-1	JA	67,31	2.65	12.70	31.75	9.53	38.10	25.40	22	0,5	PHP 3-3V265-JA	
	69,85		D-1	JA	71,12	2.80	12.70	31.75	9.53	38.10	25.40	22	0,6	PHP 3-3V280-JA	
	74,93		E-1	SH	76,20	3.00	12.70	41.28	29.37	38.10	33.34	25	0,8	PHP 3-3V300-SH	
	78,74		E-1	SH	80,01	3.15	12.70	41.28	29.37	38.10	33.34	25	0,8	PHP 3-3V315-SH	
	83,82		D-1	SH	85,09	3.35	12.70	41.28	13.49	38.10	33.34	18	0,9	PHP 3-3V335-SH	
	91,44	D-1	SH	92,71	3.65	12.70	41.28	13.49	38.10	33.34	18	1,0	PHP 3-3V365-SH		
	103,38	A-1	SH	104,65	4.12	12.70	41.28	0.79	38.10	33.34	4	1,3	PHP 3-3V412-SH		

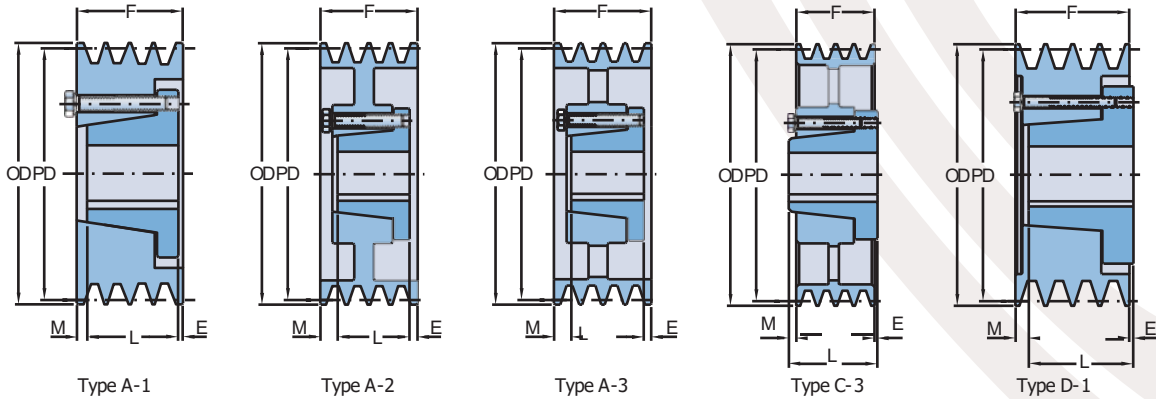
Narrow wedge belt pulleys

3V QD bushed



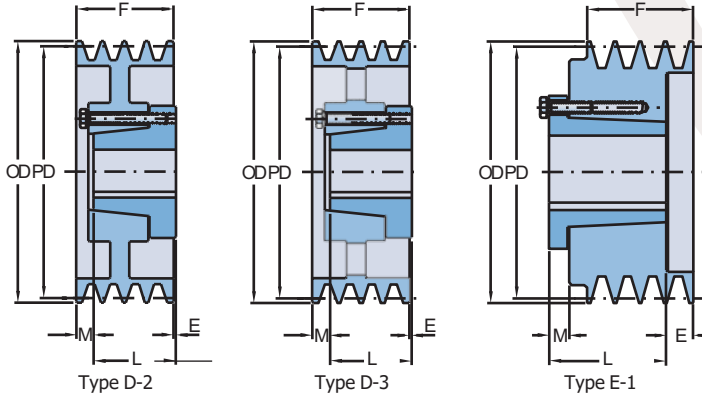
Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions						Mass ¹⁾	Designation			
					PD	diameter OD	Bore Min.	Max.	E	F			L	M	
		mm			mm	in.						kg			
3V	3	113,03	A-1	SDS	114,30	4.50	12.70	50.80	0.79	38.10	33.34	4	1,6	PHP 3-3V450-SDS	
		119,38	A-1	SDS	120,65	4.75	12.70	50.80	0.79	38.10	33.34	4	1,8	PHP 3-3V475-SDS	
		125,73	A-1	SDS	127,00	5.00	12.70	50.80	0.79	38.10	33.34	4	2,0	PHP 3-3V500-SDS	
		133,35	A-1	SDS	134,62	5.30	12.70	50.80	0.79	38.10	33.34	4	2,4	PHP 3-3V530-SDS	
		140,97	A-1	SDS	142,24	5.60	12.70	50.80	0.79	38.10	33.34	4	2,7	PHP 3-3V560-SDS	
		151,13	A-2	SDS	152,40	6.00	12.70	50.80	0.79	38.10	33.34	4	3,2	PHP 3-3V600-SDS	
	163,83	A-2	SDS	165,10	6.50	12.70	50.80	0.79	38.10	33.34	4	3,7	PHP 3-3V650-SDS		
	173,99	A-2	SDS	175,26	6.90	12.70	50.80	0.79	38.10	33.34	4	4,0	PHP 3-3V690-SDS		
	201,93	D-2	SK	203,20	8.00	12.70	66.68	13.49	38.10	33.34	2	5,1	PHP 3-3V800-SK		
	267,97	D-3	SK	269,24	10.60	12.70	66.68	13.49	38.10	33.34	2	6,4	PHP 3-3V1060-SK		
	354,33	D-3	SK	355,60	14.00	12.70	66.68	13.49	38.10	33.34	2	9,8	PHP 3-3V1400-SK		
	405,13	D-3	SK	406,40	16.00	12.70	66.68	13.49	38.10	33.34	2	11,4	PHP 3-3V1600-SK		
	481,33	D-3	SF	482,60	19.00	12.70	74.61	15.08	38.10	52.39	1	14,6	PHP 3-3V1900-SF		
	633,73	D-3	SF	635,00	25.00	12.70	74.61	15.08	38.10	52.39	1	22,7	PHP 3-3V2500-SF		
	849,63	D-3	SF	850,90	33.50	22.23	88.90	15.08	38.10	52.39	1	35,4	PHP 3-3V3350-SF		
	3V	4	66,04	D-1	JA	67,31	2.65	12.70	31.75	9.53	48.42	25.40	15	0,6	PHP 4-3V265-JA
			69,85	D-1	JA	71,12	2.80	12.70	31.75	9.53	48.42	25.40	15	0,8	PHP 4-3V280-JA
			74,93	E-1	SH	76,20	3.00	12.70	41.28	12.70	48.42	33.34	23	0,9	PHP 4-3V300-SH
			78,74	E-1	SH	80,01	3.15	12.70	41.28	12.70	48.42	33.34	23	1,0	PHP 4-3V315-SH
			83,82	D-1	SH	85,09	3.35	12.70	41.28	13.49	48.42	33.34	29	1,0	PHP 4-3V335-SH
			91,44	D-1	SH	92,71	3.65	12.70	41.28	13.49	48.42	33.34	29	1,3	PHP 4-3V365-SH
			103,38	A-1	SH	104,65	4.12	12.70	41.28	3.97	48.42	33.34	11	1,5	PHP 4-3V412-SH
			113,03	A-1	SDS	114,30	4.50	12.70	50.80	3.97	48.42	33.34	11	1,8	PHP 4-3V450-SDS
			119,38	A-1	SDS	120,65	4.75	12.70	50.80	3.97	48.42	33.34	11	2,1	PHP 4-3V475-SDS
125,73			A-1	SDS	127,00	5.00	12.70	50.80	3.97	48.42	33.34	11	2,4	PHP 4-3V500-SDS	
133,35			A-1	SDS	134,62	5.30	12.70	50.80	3.97	48.42	33.34	11	2,6	PHP 4-3V530-SDS	
140,97			A-1	SDS	142,24	5.60	12.70	50.80	3.97	48.42	33.34	11	3,1	PHP 4-3V560-SDS	
151,13		D-1	SK	152,40	6.00	12.70	66.68	3.97	48.42	33.34	3	3,8	PHP 4-3V600-SK		
163,83		D-1	SK	165,10	6.50	12.70	66.68	3.97	48.42	33.34	3	4,5	PHP 4-3V650-SK		
173,99		D-1	SK	175,26	6.90	12.70	66.68	3.97	48.42	33.34	3	5,4	PHP 4-3V690-SK		
201,93		D-2	SK	203,20	8.00	12.70	66.68	3.97	48.42	33.34	3	5,9	PHP 4-3V800-SK		
267,97		D-3	SK	269,24	10.60	12.70	66.68	3.97	48.42	33.34	3	7,5	PHP 4-3V1060-SK		
354,33		D-3	SK	355,60	14.00	12.70	66.68	3.97	48.42	33.34	3	10,2	PHP 4-3V1400-SK		
405,13		D-3	SK	406,40	16.00	12.70	66.68	3.97	48.42	33.34	3	12,6	PHP 4-3V1600-SK		
481,33		D-3	SF	482,60	19.00	12.70	74.61	5.56	48.42	52.39	2	15,9	PHP 4-3V1900-SF		
633,73		D-3	SF	635,00	25.00	12.70	74.61	5.56	48.42	52.39	2	25,9	PHP 4-3V2500-SF		
849,63		C-3	E	850,90	33.50	22.23	88.90	16.67	48.42	69.85	5	38,1	PHP 4-3V3350-E		
3V		5	119,38	A-1	SDS	120,65	4.75	12.70	50.80	3.97	58.74	49.21	21	2,3	PHP 5-3V475-SDS
			125,73	A-1	SDS	127,00	5.00	12.70	50.80	3.97	58.74	49.21	21	2,6	PHP 5-3V500-SDS
	133,35		A-1	SK	134,62	5.30	12.70	66.68	3.97	58.74	49.21	6	3,0	PHP 5-3V530-SK	
	140,97		A-1	SK	142,24	5.60	12.70	66.68	3.97	58.74	49.21	6	3,4	PHP 5-3V560-SK	
	151,13		A-1	SK	152,40	6.00	12.70	66.68	3.97	58.74	49.21	6	4,0	PHP 5-3V600-SK	
	163,83		A-2	SK	165,10	6.50	12.70	66.68	3.97	58.74	49.21	6	4,8	PHP 5-3V650-SK	
	173,99	A-2	SK	175,26	6.90	12.70	66.68	3.97	58.74	49.21	6	5,8	PHP 5-3V690-SK		
	201,93	A-2	SK	203,20	8.00	12.70	66.68	3.97	58.74	49.21	6	6,3	PHP 5-3V800-SK		
	267,97	A-3	SK	269,24	10.60	12.70	66.68	3.97	58.74	49.21	6	7,7	PHP 5-3V1060-SK		
	354,33	A-3	SF	355,60	14.00	12.70	74.61	0.79	58.74	74.61	6	11,8	PHP 5-3V1400-SF		
	481,33	A-3	SF	482,60	19.00	12.70	74.61	0.79	58.74	74.61	6	18,6	PHP 5-3V1900-SF		
	633,73	D-3	E	635,00	25.00	22.23	88.90	13.49	58.74	69.85	2	28,6	PHP 5-3V2500-E		
849,63	D-3	E	850,90	33.50	22.23	88.90	13.49	58.74	69.85	2	43,1	PHP 5-3V3350-E			
3V	6	119,38	D-1	SK	120,65	4.75	12.70	66.68	16.67	69.06	49.21	37	2,7	PHP 6-3V475-SK	
		125,73	D-1	SK	127,00	5.00	12.70	66.68	16.67	69.06	49.21	37	2,9	PHP 6-3V500-SK	
		133,35	A-1	SK	134,62	5.30	12.70	66.68	13.49	69.06	49.21	6	3,1	PHP 6-3V530-SK	

Narrow wedge belt pulleys
3V QD bushed | 5V QD bushed



Section	Number of grooves	Pitch diameter PD	Pulley type	Bushing number	Dimension Ø _{Outer} diameter OD		Bore		E	F	L	M	Mass ⁽¹⁾ kg	Designation	
					mm	in.	Min.	Max.							
3V	6	140,97	A-1	SK	142,24	5.60	12.70	66.68	13.49	69.06	49.21	6	3,9	PHP 6-3V560-SK	
		151,13	A-1	SK	152,40	6.00	12.70	66.68	13.49	69.06	49.21	6	4,5	PHP 6-3V600-SK	
		163,83	A-1	SK	165,10	6.50	12.70	66.68	13.49	69.06	49.21	6	5,2	PHP 6-3V650-SK	
		173,99	A-1	SK	175,26	6.90	12.70	66.68	13.49	69.06	49.21	6	6,1	PHP 6-3V690-SK	
		201,93	A-2	SK	203,20	8.00	12.70	74.61	2.38	69.06	49.21	17	6,8	PHP 6-3V800-SK	
		267,97	A-3	SF	269,24	10.60	12.70	74.61	0.79	69.06	74.61	16	10,3	PHP 6-3V1060-SF	
	354,33	A-3	SF	355,60	14.00	22.23	88.90	0.79	69.06	74.61	16	13,4	PHP 6-3V1400-SF		
	481,33	D-3	E	482,60	19.00	22.23	88.90	3.97	69.06	69.85	3	20,0	PHP 6-3V1900-E		
	633,73	D-3	E	635,00	25.00	22.23	88.90	3.97	69.06	69.85	3	29,5	PHP 6-3V2500-E		
	849,63	D-3	E	850,90	33.50	22.23	88.90	3.97	69.06	69.85	3	45,8	PHP 6-3V3350-E		
	3V	8	119,38	D-1	SK	120,65	4.75	12.70	66.68	16.67	89.69	49.21	57	3,3	PHP 8-3V475-SK
			125,73	D-1	SK	127,00	5.00	12.70	66.68	16.67	89.69	49.21	57	3,5	PHP 8-3V500-SK
			133,35	A-1	SK	134,62	5.30	12.70	66.68	13.49	89.69	49.21	27	4,2	PHP 8-3V530-SK
			140,97	A-1	SK	142,24	5.60	12.70	66.68	13.49	89.69	49.21	27	4,8	PHP 8-3V560-SK
			151,13	A-1	SK	152,40	6.00	12.70	66.68	13.49	89.69	49.21	27	5,7	PHP 8-3V600-SK
			163,83	A-1	SK	165,10	6.50	12.70	66.68	13.49	89.69	49.21	27	7,3	PHP 8-3V650-SK
		173,99	A-1	SK	175,26	6.90	12.70	66.68	13.49	89.69	49.21	27	8,2	PHP 8-3V690-SK	
		201,93	A-1	SF	203,20	8.00	12.70	74.61	7.14	89.69	74.61	21	9,5	PHP 8-3V800-SF	
267,97		A-2	SF	269,24	10.60	12.70	74.61	7.14	89.69	74.61	21	11,6	PHP 8-3V1060-SF		
354,33		A-3	E	355,60	14.00	22.23	88.90	2.38	89.69	69.85	17	17,5	PHP 8-3V1400-E		
481,33		A-3	E	482,60	19.00	22.23	88.90	2.38	89.69	69.85	17	24,5	PHP 8-3V1900-E		
633,73		A-3	E	635,00	25.00	22.23	88.90	2.38	89.69	69.85	17	36,3	PHP 8-3V2500-E		
849,63	D-3	F	850,90	33.50	25.40	101.60	7.14	89.69	95.25	17	14,5	PHP 8-3V3350-F			
3V	10	119,38	D-1	SK	120,65	4.75	12.70	66.68	16.67	110.33	49.21	78	3,8	PHP 10-3V475-SK	
		125,73	D-1	SK	127,00	5.00	12.70	66.68	16.67	110.33	49.21	78	4,3	PHP 10-3V500-SK	
		133,35	A-1	SK	134,62	5.30	12.70	66.68	16.67	110.33	49.21	44	4,6	PHP 10-3V530-SK	
		140,97	A-1	SK	142,24	5.60	12.70	66.68	16.67	110.33	49.21	44	5,2	PHP 10-3V560-SK	
		151,13	A-1	SK	152,40	6.00	12.70	66.68	16.67	110.33	49.21	44	6,6	PHP 10-3V600-SK	
		163,83	A-1	SK	165,10	6.50	12.70	66.68	16.67	110.33	49.21	44	7,9	PHP 10-3V650-SK	
	173,99	A-1	SK	175,26	6.90	12.70	66.68	16.67	110.33	49.21	44	9,1	PHP 10-3V690-SK		
	201,93	A-1	SF	203,20	8.00	12.70	74.61	16.67	110.33	52.39	41	10,9	PHP 10-3V800-SF		
	267,97	A-2	E	269,24	10.60	22.23	88.90	2.38	110.33	52.39	38	13,7	PHP 10-3V1060-E		
	354,33	A-3	E	355,60	14.00	22.23	88.90	2.38	110.33	52.39	38	19,4	PHP 10-3V1400-E		
	481,33	A-3	E	482,60	19.00	22.23	88.90	2.38	110.33	52.39	38	29,0	PHP 10-3V1900-E		
	633,73	D-3	F	635,00	25.00	25.40	101.60	0.79	110.33	95.25	16	44,9	PHP 10-3V2500-F		
849,63	D-3	F	850,90	33.50	25.40	101.60	0.79	110.33	120.65	16	71,7	PHP 10-3V3350-F			
5V	2	109,22	D-1	SH	111,76	4.40	12.70	41.28	8.73	42.86	33.34	18	2,6	PHP 2-5V440-SH	
		115,57	E-1	SDS	118,11	4.65	12.70	50.80	21.43	42.86	33.34	12	3,0	PHP 2-5V465-SDS	
		121,92	A-1	SDS	124,46	4.90	12.70	50.80	0.79	42.86	33.34	9	3,1	PHP 2-5V490-SDS	
		129,54	A-1	SDS	132,08	5.20	12.70	50.80	0.79	42.86	33.34	9	3,2	PHP 2-5V520-SDS	
		137,16	A-1	SDS	139,70	5.50	12.70	50.80	0.79	42.86	33.34	9	3,3	PHP 2-5V550-SDS	
		147,32	A-1	SDS	149,86	5.90	12.70	50.80	0.79	42.86	33.34	9	3,5	PHP 2-5V590-SDS	
	157,48	D-1	SK	160,02	6.30	12.70	66.68	8.73	42.86	49.21	2	4,3	PHP 2-5V630-SK		
	167,64	D-1	SK	170,18	6.70	12.70	66.68	8.73	42.86	49.21	2	4,8	PHP 2-5V670-SK		
	177,80	D-1	SK	180,34	7.10	12.70	66.68	8.73	42.86	49.21	2	5,2	PHP 2-5V710-SK		
	187,96	D-1	SK	190,50	7.50	12.70	66.68	8.73	42.86	49.21	2	5,7	PHP 2-5V750-SK		
	200,66	D-2	SK	203,20	8.00	12.70	66.68	8.73	42.86	49.21	2	5,9	PHP 2-5V800-SK		
	213,36	D-2	SK	215,90	8.50	12.70	66.68	8.73	42.86	49.21	2	6,4	PHP 2-5V850-SK		
	226,06	D-3	SK	228,60	9.00	12.70	66.68	8.73	42.86	33.34	2	6,9	PHP 2-5V900-SK		
	232,41	D-3	SK	234,95	9.25	12.70	66.68	8.73	42.86	33.34	2	6,9	PHP 2-5V925-SK		
	245,11	D-3	SK	247,65	9.75	12.70	66.68	8.73	42.86	49.21	2	7,0	PHP 2-5V975-SK		
	259,08	D-3	SK	261,62	10.30	12.70	66.68	8.73	42.86	49.21	2	7,0	PHP 2-5V1030-SK		
	274,32	D-3	SK	276,86	10.90	12.70	66.68	8.73	42.86	49.21	2	7,5	PHP 2-5V1090-SK		

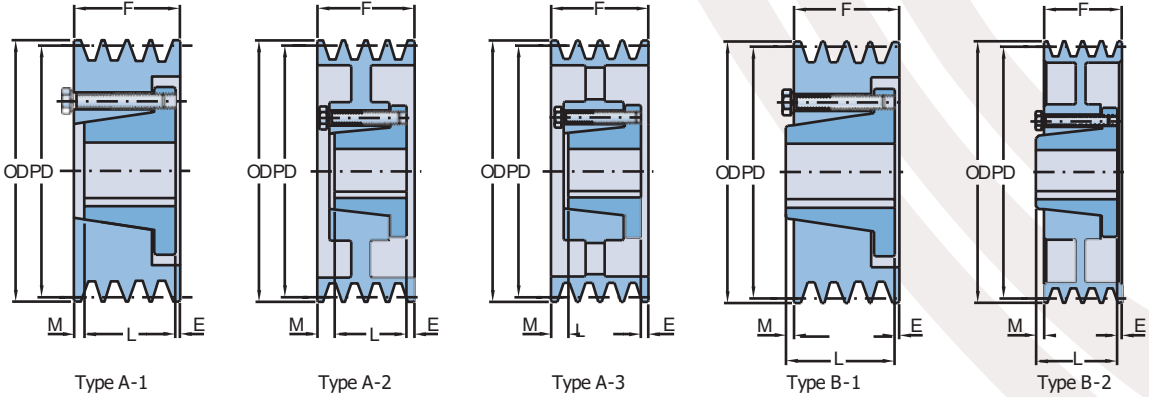
Narrow wedge belt pulleys 5V QD bushed



Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions						Mass ^①	Designation				
					PD	diameter OD	Bore Min.	Max.	E	F			L	M		
-	-	mm	-	-	mm	in.						kg	-			
5V	2	284,48	D-3	SK	287,02	11.30	12.70	66.68	8.73	42.86	49.21	2	8,1	PHP 2-5V1130-SK		
		297,18	D-3	SK	299,72	11.80	12.70	66.68	8.73	42.86	49.21	2	8,6	PHP 2-5V1180-SK		
		314,96	D-3	SF	317,50	12.50	12.70	74.61	10.32	42.86	52.39	1	9,5	PHP 2-5V1250-SF		
		332,74	D-3	SF	335,28	13.20	12.70	74.61	10.32	42.86	52.39	1	10,3	PHP 2-5V1320-SF		
		353,06	D-3	SF	355,60	14.00	12.70	74.61	10.32	42.86	52.39	1	11,5	PHP 2-5V1400-SF		
		378,46	D-3	SF	381,00	15.00	12.70	74.61	10.32	42.86	52.39	1	12,4	PHP 2-5V1500-SF		
		403,86	D-3	SF	406,40	16.00	12.70	74.61	10.32	42.86	52.39	1	13,2	PHP 2-5V1600-SF		
		472,44	D-3	SF	474,98	18.70	12.70	74.61	10.32	42.86	52.39	1	16,3	PHP 2-5V1870-SF		
		535,94	D-3	SF	538,48	21.20	12.70	74.61	10.32	42.86	26.99	1	19,5	PHP 2-5V2120-SF		
		596,90	C-3	E	599,44	23.60	22.23	88.90	23.02	42.86	69.85	4	25,0	PHP 2-5V2360-E		
		708,66	C-3	E	711,20	28.00	22.23	88.90	23.02	42.86	69.85	4	30,4	PHP 2-5V2800-E		
		5V	3	109,22	E-1	SDS	111,76	4.40	12.70	50.80	43.66	60.33	33.34	17	3,0	PHP 3-5V440-SDS
				115,57	E-1	SDS	118,11	4.65	12.70	50.80	43.66	60.33	33.34	17	3,5	PHP 3-5V465-SDS
				121,92	A-1	SDS	124,46	4.90	12.70	50.80	10.32	60.33	33.34	17	3,5	PHP 3-5V490-SDS
129,54	A-1			SDS	132,08	5.20	12.70	50.80	10.32	60.33	33.34	17	3,6	PHP 3-5V520-SDS		
137,16	A-1			SDS	139,70	5.50	12.70	50.80	10.32	60.33	33.34	17	3,7	PHP 3-5V550-SDS		
147,32	A-1			SDS	149,86	5.90	12.70	50.80	10.32	60.33	33.34	17	3,9	PHP 3-5V590-SDS		
157,48	A-1			SK	160,02	6.30	12.70	66.68	7.14	60.33	49.21	4	4,7	PHP 3-5V630-SK		
167,64	A-1			SK	170,18	6.70	12.70	66.68	7.14	60.33	49.21	4	5,3	PHP 3-5V670-SK		
177,80	A-1			SF	180,34	7.10	12.70	74.61	3.97	60.33	52.39	4	5,8	PHP 3-5V710-SF		
187,96	A-1			SF	190,50	7.50	12.70	74.61	3.97	60.33	52.39	4	6,8	PHP 3-5V750-SF		
200,66	A-1			SF	203,20	8.00	12.70	74.61	3.97	60.33	52.39	4	7,5	PHP 3-5V800-SF		
213,36	A-3			SF	215,90	8.50	12.70	74.61	3.97	60.33	52.39	4	8,2	PHP 3-5V850-SF		
226,06	A-3			SF	228,60	9.00	12.70	74.61	3.97	60.33	52.39	4	9,0	PHP 3-5V900-SF		
232,41	A-3			SF	234,95	9.25	12.70	74.61	3.97	60.33	52.39	4	9,4	PHP 3-5V925-SF		
245,11	A-3			SF	247,65	9.75	12.70	74.61	3.97	60.33	52.39	4	10,3	PHP 3-5V975-SF		
259,08	A-3			SF	261,62	10.30	12.70	74.61	3.97	60.33	52.39	4	11,2	PHP 3-5V1030-SF		
274,32	A-3			SF	276,86	10.90	12.70	74.61	3.97	60.33	52.39	4	12,1	PHP 3-5V1090-SF		
284,48	A-3			SF	287,02	11.30	12.70	74.61	3.97	60.33	52.39	4	12,8	PHP 3-5V1130-SF		
297,18	D-3			SF	299,72	11.80	12.70	74.61	3.97	60.33	52.39	4	13,5	PHP 3-5V1180-SF		
314,96	D-3			E	317,50	12.50	22.23	88.90	10.32	60.33	69.85	1	15,4	PHP 3-5V1250-E		
332,74	D-3			E	335,28	13.20	22.23	88.90	10.32	60.33	69.85	1	15,9	PHP 3-5V1320-E		
353,06	D-3			E	355,60	14.00	22.23	88.90	10.32	60.33	69.85	1	16,8	PHP 3-5V1400-E		
378,46	D-3			E	381,00	15.00	22.23	88.90	10.32	60.33	69.85	1	17,2	PHP 3-5V1500-E		
403,86	D-3			E	406,40	16.00	22.23	88.90	10.32	60.33	69.85	1	17,8	PHP 3-5V1600-E		
472,44	D-3			E	474,98	18.70	22.23	88.90	10.32	60.33	69.85	1	21,4	PHP 3-5V1870-E		
535,94	D-3			E	538,48	21.20	22.23	88.90	10.32	60.33	69.85	1	25,0	PHP 3-5V2120-E		
596,90	D-3			E	599,44	23.60	22.23	88.90	10.32	60.33	69.85	1	31,8	PHP 3-5V2360-E		
708,66	C-3			E	711,20	28.00	22.23	88.90	10.32	60.33	69.85	1	39,2	PHP 3-5V2800-E		
797,56	C-3			F	800,10	31.50	25.40	101.60	19.84	60.33	95.25	15	52,6	PHP 3-5V3150-F		
949,96	C-3			F	952,50	37.50	25.40	101.60	19.84	60.33	95.25	15	64,0	PHP 3-5V3750-F		
1267,46	C-3			F	1270,00	50.00	25.40	101.60	19.84	60.33	95.25	15	95,7	PHP 3-5V5000-F		
5V	4			109,22	E-1	SD	111,76	4.40	12.70	50.80	48.42	77.79	46.04	17	3,4	PHP 4-5V440-SD
				115,57	E-1	SD	118,11	4.65	12.70	50.80	48.42	77.79	46.04	17	3,6	PHP 4-5V465-SD
				121,92	A-1	SD	124,46	4.90	12.70	50.80	16.67	77.79	46.04	15	3,9	PHP 4-5V490-SD
		129,54	A-1	SD	132,08	5.20	12.70	50.80	16.67	77.79	46.04	15	4,0	PHP 4-5V520-SD		
		137,16	A-1	SD	139,70	5.50	12.70	50.80	16.67	77.79	46.04	15	4,2	PHP 4-5V550-SD		
		147,32	A-1	SD	149,86	5.90	12.70	50.80	16.67	77.79	46.04	15	4,6	PHP 4-5V590-SD		
		157,48	A-1	SK	160,02	6.30	12.70	66.68	13.49	77.79	49.21	15	5,4	PHP 4-5V630-SK		
		167,64	A-1	SK	170,18	6.70	12.70	66.68	13.49	77.79	49.21	15	6,2	PHP 4-5V670-SK		
		177,80	A-1	SF	180,34	7.10	12.70	74.61	5.56	77.79	52.39	20	6,8	PHP 4-5V710-SF		
		187,96	A-1	SF	190,50	7.50	12.70	74.61	5.56	77.79	52.39	20	7,7	PHP 4-5V750-SF		

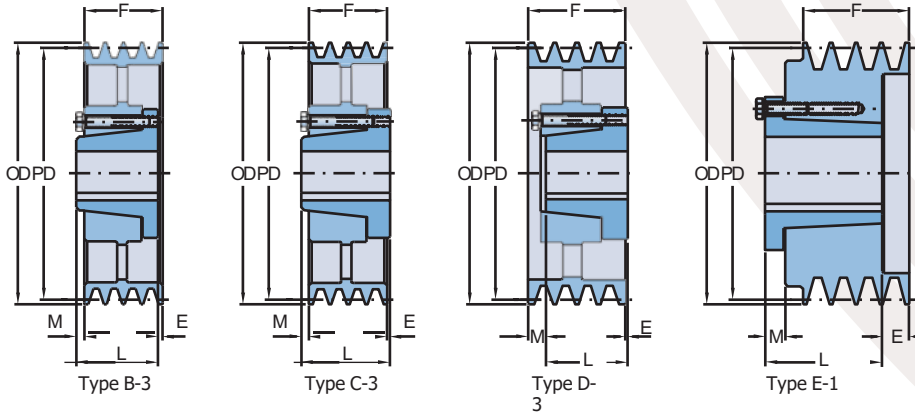
CNIP PULLEYS

Narrow wedge belt pulleys 5V QD bushed



Section	Number of grooves	Pitch diameter PD	Pulley type	Bushin g number	Dimension		Bore		E	F	L	M	Mass ¹⁾ kg	Designation	
					Ø _{outer} diameter OD	mm	in.	Min.							Max.
5V	4	200,66	B-1	E	203,20	8.00	22.23	88.90	8.73	77.79	69.85	1	8,5	PHP 4-5V800-E	
		213,36	B-1	E	215,90	8.50	22.23	88.90	8.73	77.79	69.85	1	9,9	PHP 4-5V850-E	
		226,06	B-1	E	228,60	9.00	22.23	88.90	8.73	77.79	69.85	1	11,0	PHP 4-5V900-E	
		232,41	B-1	E	234,95	9.25	22.23	88.90	8.73	77.79	69.85	1	11,7	PHP 4-5V925-E	
		245,11	B-1	E	247,65	9.75	22.23	88.90	8.73	77.79	69.85	1	12,8	PHP 4-5V975-E	
		259,08	B-1	E	261,62	10.30	22.23	88.90	8.73	77.79	69.85	1	13,5	PHP 4-5V1030-E	
		274,32	B-2	E	276,86	10.90	22.23	88.90	8.73	77.79	69.85	1	13,9	PHP 4-5V1090-E	
		284,48	A-3	E	287,02	11.30	22.23	88.90	7.14	77.79	69.85	1	14,5	PHP 4-5V1130-E	
		297,18	B-2	E	299,72	11.80	22.23	88.90	8.73	77.79	69.85	1	15,0	PHP 4-5V1180-E	
		314,96	A-3	E	317,50	12.50	22.23	88.90	7.14	77.79	69.85	1	16,5	PHP 4-5V1250-E	
		332,74	A-3	E	335,28	13.20	22.23	88.90	7.14	77.79	69.85	1	17,3	PHP 4-5V1320-E	
		353,06	A-3	E	355,60	14.00	22.23	88.90	7.14	77.79	69.85	1	18,2	PHP 4-5V1400-E	
	378,46	A-3	E	381,00	15.00	22.23	88.90	7.14	77.79	69.85	1	19,7	PHP 4-5V1500-E		
	403,86	A-3	E	406,40	16.00	22.23	88.90	7.14	77.79	69.85	1	20,2	PHP 4-5V1600-E		
	472,44	A-3	E	474,98	18.70	22.23	88.90	2.38	77.79	69.85	1	24,3	PHP 4-5V1870-E		
	535,94	A-3	E	538,48	21.20	22.23	88.90	2.38	77.79	69.85	1	28,4	PHP 4-5V2120-E		
	596,90	C-3	F	599,44	23.60	25.40	101.60	11.91	77.79	95.25	6	37,9	PHP 4-5V2360-F		
	708,66	C-3	F	711,20	28.00	25.40	101.60	11.91	77.79	95.25	6	57,2	PHP 4-5V2800-F		
	797,56	C-3	F	800,10	31.50	25.40	101.60	11.91	77.79	95.25	6	67,1	PHP 4-5V3150-F		
	949,96	C-3	F	952,50	37.50	25.40	101.60	11.91	77.79	95.25	6	77,1	PHP 4-5V3750-F		
	1267,46	C-3	J	1270,00	50.00	38.10	114.30	19.05	77.79	117.48	21	112,5	PHP 4-5V5000-J		
	5V	5	109,22	E-1	SD	111,76	4.40	12.70	50.80	65.88	95.25	46.04	17	4,0	PHP 5-5V440-SD
			115,57	E-1	SD	118,11	4.65	12.70	50.80	65.88	95.25	46.04	17	4,2	PHP 5-5V465-SD
			121,92	A-1	SD	124,46	4.90	12.70	50.80	16.67	95.25	46.04	15	4,6	PHP 5-5V490-SD
129,54			A-1	SD	132,08	5.20	12.70	50.80	16.67	95.25	46.04	15	4,9	PHP 5-5V520-SD	
137,16			A-1	SD	139,70	5.50	12.70	50.80	16.67	95.25	46.04	15	5,4	PHP 5-5V550-SD	
147,32			A-1	SK	149,86	5.90	12.70	66.68	13.49	95.25	49.21	12	6,0	PHP 5-5V590-SK	
157,48			A-1	SK	160,02	6.30	12.70	66.68	13.49	95.25	49.21	12	7,2	PHP 5-5V630-SK	
167,64			A-1	SF	170,18	6.70	12.70	74.61	13.49	95.25	52.39	12	8,4	PHP 5-5V670-SF	
177,80			A-1	SF	180,34	7.10	12.70	74.61	13.49	95.25	52.39	10	9,8	PHP 5-5V710-SF	
187,96			A-1	SF	190,50	7.50	12.70	74.61	13.49	95.25	52.39	10	10,3	PHP 5-5V750-SF	
200,66			A-1	E	203,20	8.00	22.23	88.90	15.08	95.25	69.85	10	10,8	PHP 5-5V800-E	
213,36			A-1	E	215,90	8.50	22.23	88.90	15.08	95.25	69.85	10	11,3	PHP 5-5V850-E	
226,06		A-1	E	228,60	9.00	22.23	88.90	15.08	95.25	69.85	10	11,9	PHP 5-5V900-E		
232,41		A-1	E	234,95	9.25	22.23	88.90	15.08	95.25	69.85	10	12,8	PHP 5-5V925-E		
245,11		A-1	E	247,65	9.75	22.23	88.90	15.08	95.25	69.85	10	14,5	PHP 5-5V975-E		
259,08		A-2	E	261,62	10.30	22.23	88.90	15.08	95.25	69.85	10	15,0	PHP 5-5V1030-E		
274,32		A-2	E	276,86	10.90	22.23	88.90	15.08	95.25	69.85	10	15,9	PHP 5-5V1090-E		
284,48		A-3	E	287,02	11.30	22.23	88.90	15.08	95.25	69.85	10	16,6	PHP 5-5V1130-E		
297,18		A-3	E	299,72	11.80	22.23	88.90	15.08	95.25	69.85	10	17,2	PHP 5-5V1180-E		
314,96		A-3	E	317,50	12.50	22.23	88.90	15.08	95.25	69.85	10	18,5	PHP 5-5V1250-E		
332,74		A-3	E	335,28	13.20	22.23	88.90	15.08	95.25	69.85	10	19,2	PHP 5-5V1320-E		
353,06		A-3	E	355,60	14.00	22.23	88.90	15.08	95.25	69.85	10	20,2	PHP 5-5V1400-E		
378,46		A-3	E	381,00	15.00	22.23	88.90	15.08	95.25	69.85	10	21,9	PHP 5-5V1500-E		
403,86		A-3	E	406,40	16.00	22.23	88.90	15.08	95.25	69.85	10	23,2	PHP 5-5V1600-E		
472,44		D-3	F	474,98	18.70	25.40	101.60	2.38	95.25	95.25	2	31,8	PHP 5-5V1870-F		
535,94		D-3	F	538,48	21.20	25.40	101.60	0.79	95.25	95.25	1	40,4	PHP 5-5V2120-F		
596,90		D-3	F	599,44	23.60	25.40	101.60	0.79	95.25	95.25	1	47,6	PHP 5-5V2360-F		
708,66		D-3	F	711,20	28.00	25.40	101.60	0.79	95.25	95.25	1	55,8	PHP 5-5V2800-F		
797,56		C-3	J	800,10	31.50	38.10	114.30	11.11	95.25	117.48	11	68,5	PHP 5-5V3150-J		
949,96		C-3	J	952,50	37.50	38.10	114.30	11.11	95.25	117.48	11	86,2	PHP 5-5V3750-J		
1267,46		C-3	J	1270,00	50.00	38.10	114.30	11.11	95.25	117.48	11	126,1	PHP 5-5V5000-J		

Narrow wedge belt pulleys 5V QD bushed

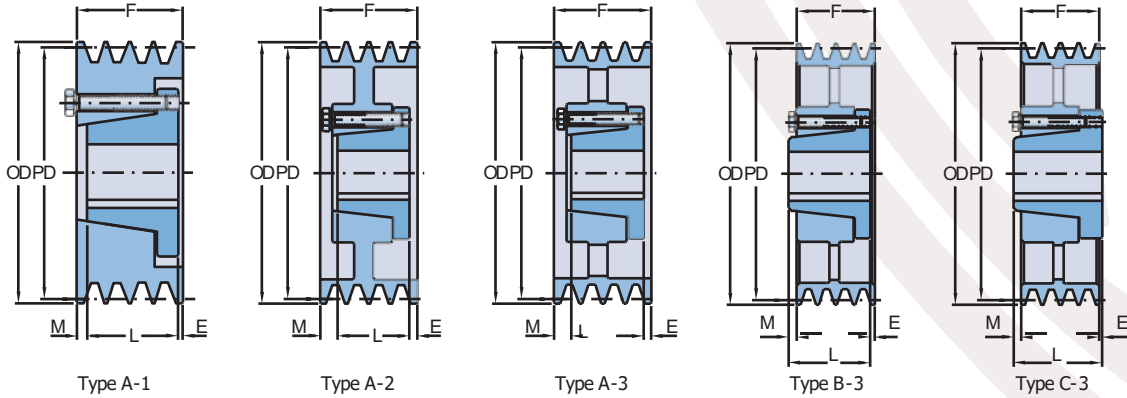


Section	Number of grooves	Pitch diameter PD	Pulley type	Bushing number	Dimensions		Bore		E	F	L	M	Mass ¹⁾ kg	Designation
					Outer diameter OD	in.	Min.	Max.						
5V	6	109,22 115,57 121,92 129,54 137,16	E-1 E-1 A-1 A-1 A-1	SD SD SD SD SD	111,76 118,11 124,46 132,08 139,70	4.40 4.65 4.90 5.20 5.50	12.70 12.70 12.70 12.70 12.70	50.80 50.80 50.80 50.80 50.80	96.04 96.04 16.67 16.67 16.67	112.71 112.71 112.71 112.71 112.71	46.04 46.04 46.04 46.04 46.04	17 17 50 50 50	4,6 4,7 5,1 5,5 6,0	PHP 6-5V440-SD PHP 6-5V465-SD PHP 6-5V490-SD PHP 6-5V520-SD PHP 6-5V550-SD
		147,32 157,48 167,64 177,80 187,96	A-1 A-1 A-1 A-1 A-1	SK SK SF SF SF	149,86 160,02 170,18 180,34 190,50	5.90 6.30 6.70 7.10 7.50	12.70 12.70 12.70 12.70 12.70	66.68 66.68 74.61 74.61 74.61	13.49 13.49 19.84 19.84 19.84	112.71 112.71 112.71 112.71 112.71	49.21 49.21 52.39 52.39 52.39	50 40 40 40 40	6,6 7,9 9,1 9,9 10,6	PHP 6-5V590-SK PHP 6-5V630-SK PHP 6-5V670-SF PHP 6-5V710-SF PHP 6-5V750-SF
		200,66 213,36 226,06 232,41 245,11	A-1 A-1 A-1 A-1 A-1	E E E E E	203,20 215,90 228,60 234,95 247,65	8.00 8.50 9.00 9.25 9.75	22.23 22.23 22.23 22.23 22.23	88.90 88.90 88.90 88.90 88.90	21.43 21.43 21.43 21.43 21.43	112.71 112.71 112.71 112.71 112.71	69.85 69.85 69.85 69.85 69.85	21 21 21 21 21	11,0 12,1 12,9 13,7 15,3	PHP 6-5V800-E PHP 6-5V850-E PHP 6-5V900-E PHP 6-5V925-E PHP 6-5V975-E
		259,08 274,32 284,48 297,18 314,96	A-2 A-2 A-3 A-2 B-3	E E E E F	261,62 276,86 287,02 299,72 317,50	10.30 10.90 11.30 11.80 12.50	22.23 22.23 22.23 22.23 25.40	88.90 88.90 88.90 88.90 101.60	21.43 21.43 21.43 21.43 18.26	112.71 112.71 112.71 112.71 112.71	69.85 69.85 69.85 69.85 95.25	21 21 21 21 1	16,6 17,3 18,1 18,7 26,4	PHP 6-5V1030-E PHP 6-5V1090-E PHP 6-5V1130-E PHP 6-5V1180-E PHP 6-5V1250-F
		332,74 353,06 378,46 403,86 472,44	B-3 B-3 B-3 B-3 D-3	F F F F F	335,28 355,60 381,00 406,40 474,98	13.20 14.00 15.00 16.00 18.70	25.40 25.40 25.40 25.40 25.40	101.60 101.60 101.60 101.60 101.60	18.26 18.26 18.26 18.26 0.79	112.71 112.71 112.71 112.71 112.71	95.25 95.25 95.25 95.25 95.25	1 1 1 1 18	29,0 29,9 30,8 35,2 38,9	PHP 6-5V1320-F PHP 6-5V1400-F PHP 6-5V1500-F PHP 6-5V1600-F PHP 6-5V1750-F
		535,94 596,90 708,66 797,56 949,96	D-3 C-3 C-3 C-3 C-3	F J J J J	538,48 599,44 711,20 800,10 952,50	21.20 23.60 28.00 31.50 37.50	25.40 38.10 38.10 38.10 38.10	101.60 114.30 114.30 114.30 114.30	0.79 3.18 3.18 3.18 3.18	112.71 112.71 112.71 112.71 112.71	95.25 117.48 117.48 117.48 117.48	18 2 2 2 2	43,5 51,3 67,1 83,0 98,9	PHP 6-5V2120-F PHP 6-5V2360-J PHP 6-5V2800-J PHP 6-5V3150-J PHP 6-5V3750-J
		1267,46	C-3	M	1270,00	50.00	50.80	139.70	27.78	112.71	171.45	31	140,6	PHP 6-5V5000-M
5V	8	177,80 187,96 200,66 213,36 226,06	A-1 A-1 A-1 A-1 A-1	SF SF E E E	180,34 190,50 203,20 215,90 228,60	7.10 7.50 8.00 8.50 9.00	12.70 12.70 22.23 22.23 22.23	74.61 74.61 63.50 63.50 63.50	32.54 32.54 34.13 34.13 34.13	147.64 147.64 147.64 147.64 147.64	52.39 52.39 69.85 69.85 69.85	63 63 44 44 44	11,2 12,8 15,9 16,9 19,1	PHP 8-5V710-SF PHP 8-5V750-SF PHP 8-5V800-E PHP 8-5V850-E PHP 8-5V900-E
		232,41 245,11 259,08 274,32 284,48	A-1 A-1 A-1 A-1 A-1	F F F F F	234,95 247,65 261,62 276,86 287,02	9.25 9.75 10.30 10.90 11.30	25.40 25.40 25.40 25.40 25.40	101.60 101.60 101.60 101.60 101.60	30.96 30.96 30.96 30.96 30.96	147.64 147.64 147.64 147.64 147.64	95.25 95.25 95.25 95.25 95.25	21 21 21 21 21	20,0 22,0 26,5 28,6 30,4	PHP 8-5V925-F PHP 8-5V975-F PHP 8-5V1030-F PHP 8-5V1090-F PHP 8-5V1130-F
		297,18 314,96 332,74 353,06 378,46	A-2 A-3 A-3 A-3 A-3	F F F F F	299,72 317,50 335,28 355,60 381,00	11.80 12.50 13.20 14.00 15.00	25.40 25.40 25.40 25.40 25.40	101.60 101.60 101.60 101.60 101.60	30.96 30.96 30.96 30.96 30.96	147.64 147.64 147.64 147.64 147.64	95.25 95.25 95.25 95.25 95.25	21 21 21 21 21	32,2 34,5 36,3 36,7 37,7	PHP 8-5V1180-F PHP 8-5V1250-F PHP 8-5V1320-F PHP 8-5V1400-F PHP 8-5V1500-F
		403,86 472,44 535,94 596,90 708,66	A-3 A-3 A-3 A-3 A-3	F J J J J	406,40 474,98 538,48 599,44 711,20	16.00 18.70 21.20 23.60 28.00	25.40 38.10 38.10 38.10 38.10	101.60 114.30 114.30 114.30 114.30	30.96 3.18 3.18 3.18 3.18	147.64 147.64 147.64 147.64 147.64	95.25 117.48 117.48 117.48 117.48	21 27 27 27 27	40,8 54,4 69,0 83,9 95,3	PHP 8-5V1600-F PHP 8-5V1870-J PHP 8-5V2120-J PHP 8-5V2360-J PHP 8-5V2800-J
		797,56 949,96	B-3 B-3	M M	800,10 952,50	31.50 37.50	50.80 50.80	139.70 139.70	8.73 8.73	147.64 147.64	171.45 171.45	33 33	109,8 129,3	PHP 8-5V3150-M PHP 8-5V3750-M

CNIP PULLEYS

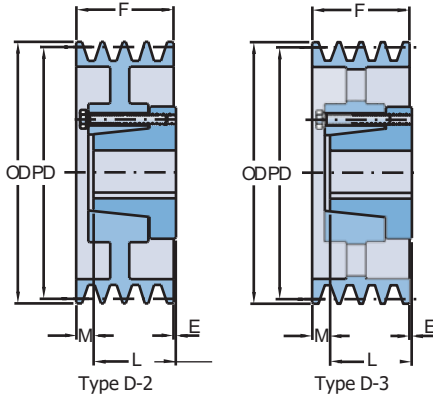
Narrow wedge belt pulleys

5V QD bushed | 8V QD bushed



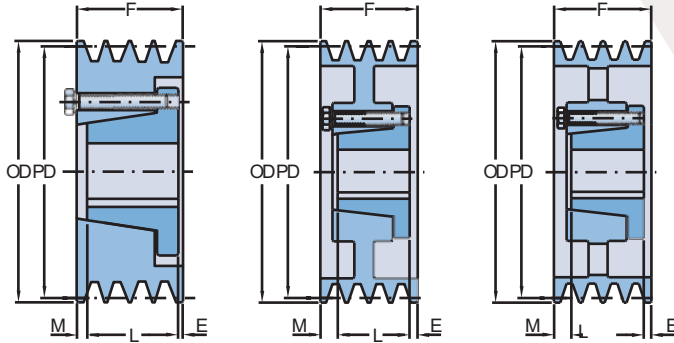
Section	Number of grooves	Pitch diameter PD	Pulley type	Bushings number	Dimension Outer diameter OD	Bore		E	F	L	M	Mass ¹⁾	Designation		
						Min.	Max.								
-	-	mm	-	-	mm	in.						kg	-		
5V	10	200,66	A-1	E	203,20	8.00	22.23	88.90	53.18	182.56	69.85	60	17,1	PHP 10-5V800-E	
		213,36	A-1	E	215,90	8.50	22.23	88.90	53.18	182.56	69.85	60	20,2	PHP 10-5V850-E	
		226,06	A-1	F	228,60	9.00	25.40	101.60	50.01	182.56	95.25	37	23,3	PHP 10-5V900-F	
		232,41	A-1	F	234,95	9.25	25.40	101.60	50.01	182.56	95.25	37	24,0	PHP 10-5V925-F	
		245,11	A-1	F	247,65	9.75	25.40	101.60	50.01	182.56	95.25	37	25,4	PHP 10-5V975-F	
		259,08	A-1	F	261,62	10.30	25.40	101.60	50.01	182.56	95.25	37	29,0	PHP 10-5V1030-F	
	274,32	A-1	F	276,86	10.90	25.40	101.60	50.01	182.56	95.25	37	32,7	PHP 10-5V1090-F		
	284,48	A-1	F	287,02	11.30	25.40	101.60	50.01	182.56	95.25	37	34,9	PHP 10-5V1130-F		
	297,18	A-2	F	299,72	11.80	25.40	101.60	50.01	182.56	95.25	37	36,7	PHP 10-5V1180-F		
	314,96	A-2	J	317,50	12.50	38.10	114.30	53.98	182.56	117.48	11	50,8	PHP 10-5V1250-J		
	332,74	A-2	J	335,28	13.20	38.10	114.30	53.98	182.56	117.48	11	52,6	PHP 10-5V1320-J		
	353,06	A-3	J	355,60	14.00	38.10	114.30	53.98	182.56	117.48	11	59,0	PHP 10-5V1400-J		
	378,46	A-3	J	381,00	15.00	38.10	114.30	53.98	182.56	117.48	11	62,6	PHP 10-5V1500-J		
	403,86	A-3	J	406,40	16.00	38.10	114.30	53.98	182.56	117.48	11	66,2	PHP 10-5V1600-J		
	472,44	A-3	J	474,98	18.70	38.10	114.30	3.18	182.56	117.48	62	71,2	PHP 10-5V1870-J		
	535,94	A-3	J	538,48	21.20	38.10	114.30	3.18	182.56	117.48	62	76,2	PHP 10-5V2120-J		
	596,90	A-3	M	599,44	23.60	50.80	139.70	8.73	182.56	171.45	2	96,6	PHP 10-5V2360-M		
	708,66	A-3	M	711,20	28.00	50.80	139.70	8.73	182.56	171.45	2	108,9	PHP 10-5V2800-M		
	797,56	A-3	M	800,10	31.50	50.80	139.70	8.73	182.56	171.45	2	124,7	PHP 10-5V3150-M		
	949,96	A-3	M	952,50	37.50	50.80	139.70	8.73	182.56	171.45	2	142,9	PHP 10-5V3750-M		
	1267,46	A-3	M	1270,00	50.00	50.80	139.70	8.73	182.56	171.45	2	207,8	PHP 10-5V5000-M		
	8V	4	312,42	D-2	F	317,50	12.50	25.40	101.60	3.97	123.83	95.25	33	34,0	PHP 4-8V1250-F
			330,20	D-2	F	335,28	13.20	25.40	101.60	3.97	123.83	95.25	33	36,7	PHP 4-8V1320-F
			350,52	D-3	F	355,60	14.00	25.40	101.60	3.97	123.83	95.25	33	39,5	PHP 4-8V1400-F
			375,92	D-3	F	381,00	15.00	25.40	101.60	3.97	123.83	95.25	33	41,3	PHP 4-8V1500-F
		401,32	D-3	F	406,40	16.00	25.40	101.60	3.97	123.83	95.25	33	43,5	PHP 4-8V1600-F	
		426,72	D-3	F	431,80	17.00	25.40	101.60	3.97	123.83	95.25	33	47,2	PHP 4-8V1700-F	
		452,12	D-3	F	457,20	18.00	25.40	101.60	3.97	123.83	95.25	33	51,7	PHP 4-8V1800-F	
		477,52	D-3	F	482,60	19.00	25.40	101.60	3.97	123.83	95.25	33	54,9	PHP 4-8V1900-F	
		502,92	D-3	J	508,00	20.00	38.10	114.30	-	123.83	117.48	6	61,7	PHP 4-8V2000-J	
		533,40	D-3	J	538,48	21.20	38.10	114.30	-	123.83	117.48	6	65,8	PHP 4-8V2120-J	
		563,88	D-3	J	568,96	22.40	38.10	114.30	-	123.83	117.48	6	69,9	PHP 4-8V2240-J	
624,84		C-3	M	629,92	24.80	50.80	139.70	19.84	123.83	171.45	28	79,8	PHP 4-8V2480-M		
756,92		C-3	M	762,00	30.00	50.80	139.70	19.84	123.83	171.45	28	101,6	PHP 4-8V3000-M		
896,62		C-3	M	901,70	35.50	50.80	139.70	19.84	123.83	171.45	28	121,1	PHP 4-8V3550-M		
1010,92		C-3	M	1016,00	40.00	50.80	139.70	19.84	123.83	171.45	28	140,6	PHP 4-8V4000-M		
1125,22		C-3	M	1130,30	44.50	50.80	139.70	19.84	123.83	171.45	28	164,7	PHP 4-8V4450-M		
1341,12		C-3	M	1346,20	53.00	50.80	139.70	19.84	123.83	171.45	28	198,2	PHP 4-8V5300-M		
8V		5	312,42	A-2	F	317,50	12.50	25.40	101.60	24.61	152.40	95.25	33	37,2	PHP 5-8V1250-F
			330,20	A-2	F	335,28	13.20	25.40	101.60	24.61	152.40	95.25	33	40,4	PHP 5-8V1320-F
			350,52	A-3	F	355,60	14.00	25.40	101.60	24.61	152.40	95.25	33	44,9	PHP 5-8V1400-F
	375,92		A-3	F	381,00	15.00	25.40	101.60	24.61	152.40	95.25	33	46,7	PHP 5-8V1500-F	
	401,32	A-3	F	406,40	16.00	25.40	101.60	24.61	152.40	95.25	33	50,4	PHP 5-8V1600-F		
	426,72	A-3	J	431,80	17.00	38.10	114.30	14.29	152.40	117.48	21	54,0	PHP 5-8V1700-J		
	452,12	A-3	J	457,20	18.00	38.10	114.30	14.29	152.40	117.48	21	59,4	PHP 5-8V1800-J		
	477,52	A-3	J	482,60	19.00	38.10	114.30	14.29	152.40	117.48	21	64,4	PHP 5-8V1900-J		
	502,92	A-3	J	508,00	20.00	38.10	114.30	14.29	152.40	117.48	21	68,5	PHP 5-8V2000-J		
	533,40	A-3	J	538,48	21.20	38.10	114.30	14.29	152.40	117.48	21	75,8	PHP 5-8V2120-J		
	563,88	B-3	M	568,96	22.40	50.80	139.70	8.73	152.40	171.45	28	80,7	PHP 5-8V2240-M		
	624,84	B-3	M	629,92	24.80	50.80	139.70	8.73	152.40	171.45	28	91,2	PHP 5-8V2480-M		
	756,92	B-3	M	762,00	30.00	50.80	139.70	8.73	152.40	171.45	28	110,2	PHP 5-8V3000-M		
	896,62	B-3	M	901,70	35.50	50.80	139.70	8.73	152.40	171.45	28	126,1	PHP 5-8V3550-M		
	1010,92	B-3	M	1016,00	40.00	50.80	139.70	8.73	152.40	171.45	28	154,2	PHP 5-8V4000-M		

Narrow wedge belt pulleys 8V QD bushed



Section	Number of grooves	Pitch diameter PD	Pulley type	Bushing number	Dimensions		Bore		E	F	L	M	Mass ¹⁾ kg	Designation
					Outer diameter OD		Min.	Max.						
-	-	mm	-	-	mm	in.	-	-	-	-	-	-	-	-
8V	5	1125,22	C-3	N	1130,30	44.50	61.91	138.11	28.58	152.40	206.38	25	189,6	PHP 5-8V4450-N
		1341,12	C-3	N	1346,20	53.00	61.91	138.11	28.58	152.40	206.38	25	225,0	PHP 5-8V5300-N
8V	6	312,42	A-2	F	317,50	12.50	25.40	101.60	24.61	180.98	95.25	61	40,8	PHP 6-8V1250-F
		330,20	A-2	F	335,28	13.20	25.40	101.60	24.61	180.98	95.25	61	44,5	PHP 6-8V1320-F
		350,52	A-3	F	355,60	14.00	25.40	101.60	24.61	180.98	95.25	61	50,8	PHP 6-8V1400-F
		375,92	A-2	J	381,00	15.00	38.10	114.30	28.58	180.98	117.48	35	55,8	PHP 6-8V1500-J
		401,32	A-3	J	406,40	16.00	38.10	114.30	28.58	180.98	117.48	35	58,5	PHP 6-8V1600-J
		426,72	A-3	J	431,80	17.00	38.10	114.30	28.58	180.98	117.48	35	61,7	PHP 6-8V1700-J
		452,12	A-3	J	457,20	18.00	38.10	114.30	28.58	180.98	117.48	35	64,9	PHP 6-8V1800-J
		477,52	A-3	J	482,60	19.00	38.10	114.30	28.58	180.98	117.48	35	71,2	PHP 6-8V1900-J
		502,92	B-3	M	508,00	20.00	50.80	139.70	34.13	180.98	171.45	25	81,2	PHP 6-8V2000-M
		533,40	B-3	M	538,48	21.20	50.80	139.70	34.13	180.98	171.45	25	87,5	PHP 6-8V2120-M
		563,88	B-3	M	568,96	22.40	50.80	139.70	34.13	180.98	171.45	25	93,0	PHP 6-8V2240-M
		624,84	A-3	M	629,92	24.80	50.80	139.70	8.73	180.98	171.45	1	106,6	PHP 6-8V2480-M
		756,92	A-3	M	762,00	30.00	50.80	139.70	8.73	180.98	171.45	1	129,3	PHP 6-8V3000-M
		896,62	C-3	N	901,70	35.50	61.91	138.11	23.81	180.98	206.38	2	154,2	PHP 6-8V3550-N
		1010,92	C-3	N	1016,00	40.00	61.91	138.11	23.81	180.98	206.38	2	178,7	PHP 6-8V4000-N
		1125,22	C-3	N	1130,30	44.50	61.91	138.11	23.81	180.98	206.38	2	221,8	PHP 6-8V4450-N
		1341,12	C-3	N	1346,20	53.00	61.91	138.11	23.81	180.98	206.38	2	264,9	PHP 6-8V5300-N
		8V	8	312,42	A-1	J	317,50	12.50	38.10	114.30	53.98	238.13	117.48	67
330,20	A-1			J	335,28	13.20	38.10	114.30	53.98	238.13	117.48	67	72,6	PHP 8-8V1320-J
350,52	A-2			J	355,60	14.00	38.10	114.30	53.98	238.13	117.48	67	79,4	PHP 8-8V1400-J
375,92	A-2			J	381,00	15.00	38.10	114.30	53.98	238.13	117.48	67	84,4	PHP 8-8V1500-J
401,32	A-2			J	406,40	16.00	38.10	114.30	53.98	238.13	117.48	67	95,3	PHP 8-8V1600-J
426,72	A-2			M	431,80	17.00	50.80	139.70	59.53	238.13	171.45	7	100,2	PHP 8-8V1700-M
452,12	A-2			M	457,20	18.00	50.80	139.70	59.53	238.13	171.45	7	106,6	PHP 8-8V1800-M
477,52	A-3			M	482,60	19.00	50.80	139.70	59.53	238.13	171.45	7	113,4	PHP 8-8V1900-M
502,92	A-3			M	508,00	20.00	50.80	139.70	59.53	238.13	171.45	7	120,2	PHP 8-8V2000-M
533,40	A-3			M	538,48	21.20	50.80	139.70	59.53	238.13	171.45	7	127,0	PHP 8-8V2120-M
563,88	A-3			M	568,96	22.40	50.80	139.70	59.53	238.13	171.45	7	133,8	PHP 8-8V2240-M
624,84	A-2			N	629,92	24.80	61.91	138.11	4.76	238.13	206.38	17	145,2	PHP 8-8V2480-N
756,92	A-3			N	762,00	30.00	61.91	138.11	4.76	238.13	206.38	17	170,1	PHP 8-8V3000-N
896,62	A-3			N	901,70	35.50	61.91	138.11	4.76	238.13	206.38	17	200,5	PHP 8-8V3550-N
1010,92	A-3			N	1016,00	40.00	61.91	138.11	4.76	238.13	206.38	17	240,4	PHP 8-8V4000-N
1125,22	B-3			P	1130,30	44.50	74.61	177.80	6.35	238.13	238.13	6	276,7	PHP 8-8V4450-P
1341,12	B-3			P	1346,20	53.00	74.61	177.80	6.35	238.13	238.13	6	360,6	PHP 8-8V5300-P
8V	10			312,42	A-1	J	317,50	12.50	38.10	114.30	53.98	295.28	117.48	131
		330,20	A-1	J	335,28	13.20	38.10	114.30	53.98	295.28	117.48	131	86,2	PHP 10-8V1320-J
		350,52	A-1	J	355,60	14.00	38.10	114.30	53.98	295.28	117.48	131	95,3	PHP 10-8V1400-J
		375,92	A-1	M	381,00	15.00	50.80	139.70	59.53	295.28	171.45	64	120,7	PHP 10-8V1500-M
		401,32	A-2	M	406,40	16.00	50.80	139.70	59.53	295.28	171.45	64	116,1	PHP 10-8V1600-M
		426,72	A-1	M	431,80	17.00	50.80	139.70	59.53	295.28	171.45	64	127,5	PHP 10-8V1700-M
		452,12	A-2	M	457,20	18.00	50.80	139.70	59.53	295.28	171.45	64	131,5	PHP 10-8V1800-M
		477,52	A-2	M	482,60	19.00	50.80	139.70	59.53	295.28	171.45	64	136,5	PHP 10-8V1900-M
		502,92	A-2	M	508,00	20.00	50.80	139.70	59.53	295.28	171.45	64	147,4	PHP 10-8V2000-M
		533,40	A-2	M	538,48	21.20	50.80	139.70	59.53	295.28	171.45	64	154,2	PHP 10-8V2120-M
		563,88	A-2	N	568,96	22.40	61.91	138.11	4.76	295.28	206.38	84	165,6	PHP 10-8V2240-N
		624,84	A-2	N	629,92	24.80	61.91	138.11	4.76	295.28	206.38	84	176,9	PHP 10-8V2480-N
		756,92	A-3	N	762,00	30.00	61.91	138.11	4.76	295.28	206.38	84	197,3	PHP 10-8V3000-N
		896,62	A-2	P	901,70	35.50	74.61	177.80	6.35	295.28	238.13	51	230,0	PHP 10-8V3550-P
		1010,92	A-3	P	1016,00	40.00	74.61	177.80	6.35	295.28	238.13	51	279,0	PHP 10-8V4000-P
		1125,22	A-2	P	1130,30	44.50	74.61	177.80	6.35	295.28	238.13	51	322,1	PHP 10-8V4450-P

Narrow wedge belt pulleys
8V QD bushed



Type A-1

Type A-2

Type A-3

Section	Number of grooves	Pitch diameter	Pulley type	Bushing number	Dimensions Outer		Bore Min.	Max.	E	F	L	M	Mass ¹⁾ kg	Designation
					diameter OD	mm in.								
-	-	mm	-	-	mm	in.							kg	-
8V	10	1341,12	A-3	P	1346,20	53.00	74.61	177.80	6.35	295.28	238.13	51	428,6	PHP 10-8V5300-P
8V	12	312,42	A-1	M	317,50	12.50	50.80	139.70	59.53	339.73	171.45	121	88,5	PHP 12-8V1250-M
		330,20	A-1	M	335,28	13.20	50.80	139.70	59.53	339.73	171.45	121	104,3	PHP 12-8V1320-M
		350,52	A-1	M	355,60	14.00	50.80	139.70	59.53	339.73	171.45	121	113,4	PHP 12-8V1400-M
		375,92	A-1	M	381,00	15.00	50.80	139.70	59.53	339.73	171.45	121	121,6	PHP 12-8V1500-M
		401,32	A-1	M	406,40	16.00	50.80	139.70	59.53	339.73	171.45	121	134,3	PHP 12-8V1600-M
		426,72	A-1	M	431,80	17.00	50.80	139.70	59.53	339.73	171.45	121	154,7	PHP 12-8V1700-M
		452,12	A-1	M	457,20	18.00	50.80	139.70	59.53	339.73	171.45	121	156,5	PHP 12-8V1800-M
		477,52	A-1	N	482,60	19.00	61.91	138.11	4.76	339.73	206.38	141	159,7	PHP 12-8V1900-N
		502,92	A-1	N	508,00	20.00	61.91	138.11	4.76	339.73	206.38	141	174,6	PHP 12-8V2000-N
		533,40	A-1	N	538,48	21.20	61.91	138.11	4.76	339.73	206.38	141	181,4	PHP 12-8V2120-N
		563,88	A-1	N	568,96	22.40	61.91	138.11	4.76	339.73	206.38	141	197,3	PHP 12-8V2240-N
		624,84	A-1	N	629,92	24.80	61.91	138.11	4.76	339.73	206.38	141	208,7	PHP 12-8V2480-N
		756,92	A-2	P	762,00	30.00	74.61	177.80	6.35	339.73	238.13	108	224,5	PHP 12-8V3000-P
		896,62	A-2	P	901,70	35.50	74.61	177.80	6.35	339.73	238.13	108	259,5	PHP 12-8V3550-P
		1010,92	A-2	P	1016,00	40.00	74.61	177.80	6.35	339.73	238.13	108	317,5	PHP 12-8V4000-P
		1125,22	A-2	P	1130,30	44.50	74.61	177.80	6.35	339.73	238.13	108	374,2	PHP 12-8V4450-P
		1341,12	A-2	P	1346,20	53.00	74.61	177.80	6.35	339.73	238.13	108	489,9	PHP 12-8V5300-P



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