

# PK - Datasheet

## Specifications

Model	Applied motor [kW]	Speed change ratio	Belt	Transmission capacity [kW]			Mass [kg]
				High speed	Intermediate speed	Low speed	
PK-150-14N-044	0.4 (4P)	1:3	1422V	1.5	1.0	0.4	3.2
PK-200-19N-074	0.75 (4P)	1:3	1922V	3.7	2.3	0.5	6.2
PK-200-24N-154	1.5 (4P)						
PK-250-28N-224	2.2 (4P)	1:3	2322V	8	5.2	1.1	13
PK-250-28N-374	3.7 (4P)						
PK-300-38N-554	5.5 (4P)	1:3	2926V	13	12	2.5	24
PK-300-38N-754	7.5 (4P)						
PK-300-42N-1104	11 (4P)						
PK-355-42N-1106	11 (6P)						
PK-355-48N-1506	11 (6P)	1:2.5	4430V	16	11	5.5	58
PK-400-55N-1806	18.5 (6P)	1:2	4430V	18	15	9.8	66

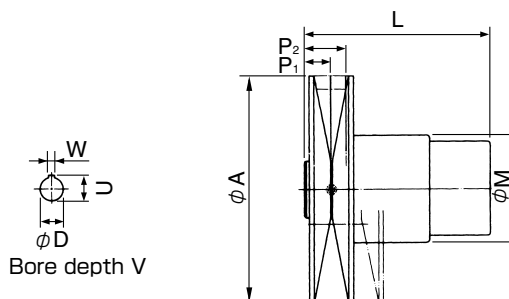
\*If you want to use a slide base for the PK-355/400, please contact Miki Pulley.

## Driven Side Rotation Speed (at 1430 min<sup>-1</sup> (50 Hz) or 1720 min<sup>-1</sup> (60 Hz) when using a 4-pole motor)

Model	Driven side pulley $\phi$	6 in	8 in	10 in	12 in	14 in	16 in	20 in	24 in
		PK-150	50 Hz	470 ~ 1410	350 ~ 1050	280 ~ 840	230 ~ 690		
	60 Hz	565 ~ 1700	420 ~ 1260	335 ~ 1010	275 ~ 830				
PK-200	50 Hz	640 ~ 1920	470 ~ 1410	380 ~ 1140	310 ~ 930				
	60 Hz	765 ~ 2300	565 ~ 1700	460 ~ 1380	375 ~ 1130				
PK-250	50 Hz			470 ~ 1410	390 ~ 1170	330 ~ 990	290 ~ 870		
	60 Hz			565 ~ 1700	470 ~ 1410	395 ~ 1190	345 ~ 1040		
PK-300	50 Hz			580 ~ 1740	470 ~ 1410	400 ~ 1200	350 ~ 1050		
	60 Hz			695 ~ 2090	565 ~ 1700	480 ~ 1440	420 ~ 1260		
PK-355*	50 Hz				440 ~ 1100	380 ~ 950	330 ~ 825	260 ~ 655	
	60 Hz				530 ~ 1325	450 ~ 1130	395 ~ 985	310 ~ 780	
PK-400*	50 Hz					530 ~ 1060	470 ~ 940	370 ~ 740	310 ~ 620
	60 Hz					635 ~ 1270	565 ~ 1130	445 ~ 890	370 ~ 740

\*The values for the model marked with \*: At 950 min<sup>-1</sup> (50 Hz) or 1130 min<sup>-1</sup> (60 Hz) when using a 6-pole motor.

## Dimensions



Model	A	P <sub>1</sub>	P <sub>2</sub>	L	M	D	W	U	V	Max. pitch diameter	Min. pitch diameter	Movement distance	Unit [mm]
PK-150-14N-044	150	19	28.5	120	81	14	5	16	30	144	48	75	
PK-200-19N-074	200	23	35.5	160	95	19	6	21.5	40	192	64	101	
PK-200-24N-154													
PK-250-28N-224	250	31	49.5	210	126	28	8	31	60	240	80	126	
PK-250-28N-374													
PK-300-38N-554	305	50	76	300	143	38	10	41	80	290	96	152	
PK-300-38N-754													
PK-300-42N-1104													
PK-355-42N-1106													
PK-355-48N-1506	355	54	81.5	355	214	42	12	45	110	343	137	162	
PK-400-55N-1806													
	400	51	77	355	214	55	16	59	110	388	194	152	

\*Movement distance refers to a distance to move the motor for changing speed.

How to Place an Order

