

P - Datasheet

Specifications

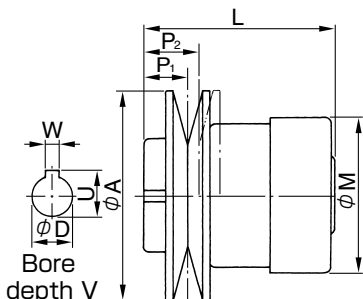
Model	Applied motor [kW] (4P)	Speed change ratio	Belt	Transmission capacity [kW]			Mass [kg]
				High speed	Intermediate speed	Low speed	
P-86-MA	0.2 ~ 0.4	1 : 1.5	A	0.7	0.4	0.3	1.1
P-98-MA	0.4 ~ 0.75	1 : 1.4	A	1.2	0.7	0.4	1.8
P-106-MA	0.4 ~ 0.75	1 : 1.6	B	1.3	0.9	0.6	2.0
P-124-MA	0.75 ~ 1.5	1 : 1.5	B	1.8	1.2	0.8	3.0
P-164-MA	1.5 ~ 2.2	1 : 1.5	C	3.2	2.2	1.2	6.0
P-218	2.2 ~ 3.7	1 : 1.4	C	6.2	4.4	3.2	14.0

Driven Side Rotation Speed

(Rotation speed by driven pulley diameter when mounted to a 4-pole motor) 50 Hz, 1430 min⁻¹ 60 Hz, 1720 min⁻¹

Model		4 in	6 in	8 in	10 in	12 in	14 in	16 in	18 in
P-86-MA	50 Hz	785 ~ 1180	510 ~ 765	375 ~ 560					
	60 Hz	945 ~ 1420	610 ~ 920	450 ~ 675					
P-98-MA	50 Hz	970 ~ 1365	630 ~ 880	460 ~ 650					
	60 Hz	1165 ~ 1645	755 ~ 1060	555 ~ 780					
P-106-MA	50 Hz		585 ~ 950	425 ~ 690					
	60 Hz		705 ~ 1150	510 ~ 830					
P-124-MA	50 Hz		760 ~ 1140	560 ~ 840	440 ~ 665				
	60 Hz		910 ~ 1370	670 ~ 1010	530 ~ 800				
P-164-MA	50 Hz			720 ~ 1120	570 ~ 885	475 ~ 735			
	60 Hz			865 ~ 1350	685 ~ 1065	570 ~ 885			
P-218	50 Hz				890 ~ 1205	740 ~ 1000	625 ~ 850	545 ~ 740	485 ~ 660
	60 Hz				1070 ~ 1445	890 ~ 1205	750 ~ 1020	655 ~ 890	585 ~ 790

Dimensions



Model	Unit [mm]														
	A	P1	P2	L	M	D	W	U	V	Max. pitch diameter	Min. pitch diameter	Movement distance			
P-86-MA	86	18	21.5	78	63	11	14	—	—	—	—	30	77	51	20
P-98-MA	98	19	22.5	85	73	14	19	5	6	16	21.5	40	89	62	21
P-106-MA	106	21	26	96	73	14	19	5	6	16	21.5	40	95	58	29
P-124-MA	124	22	27	101	84	19	24	6	8	21.5	27	50	113	75	30
P-164-MA	164	25	32	130	102	24	28	8	27	31	50	50	150	96	42
P-218	218	27	34	163	132	28	28	8	31	60	60	60	204	150	42

* Movement distance refers to a distance to move the motor that is required to change speed.

Types of Adapters

Model	Bore depth [mm]	Standard shaft diameters (adapter bore) Ø D [mm]													
		10	11	12	13	14	15	16	18	19	20	22	24	25	28
P-86-MA	30	⊙	⊙	⊙	⊙	⊙	⊙	⊙							
P-98-MA	40		⊙	⊙	⊙	●	●	●	●	●					
P-106-MA	40		⊙	⊙	⊙	●	●	●	●	●					
P-124-MA	50					●	●	●	●	●	●	●	●	●	●
P-164-MA	50					●	●	●	●	●	●	○	○	○	▲
P-218	60											○	○	○	○

• Bore depth marked with symbols above are available. ●, ⊙ and ○ indicate adapter type, and ▲ indicate straight type.
 • Adapters indicated as ⊙ do not have a keyway. Before using with a shaft having a key, first remove the key.

How to Place an Order

