

AP - Datasheet

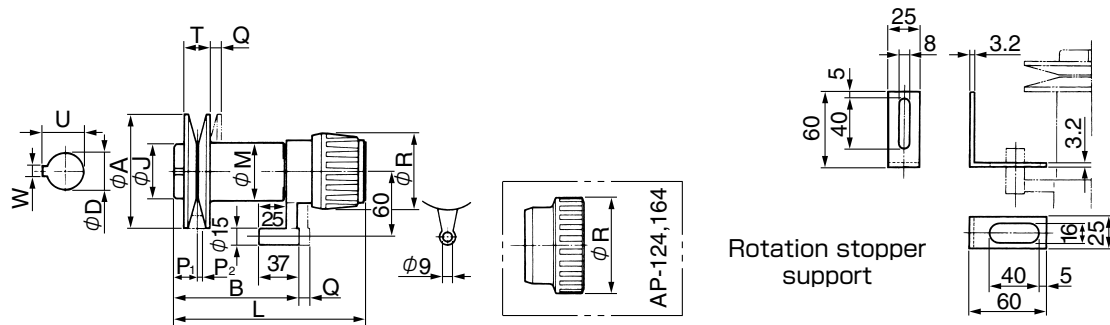
Specifications

Model	Applied motor [kW] (4P)	Driven side speed changer	Belt	Speed change ratio	50 Hz		60 Hz	
					Output rotation speed [min ⁻¹]	Output torque [N·m]	Output rotation speed [min ⁻¹]	Output torque [N·m]
AP-86	0.2	P-86-MA	A	1:2.2	950 ~ 2150	1.6 ~ 0.7	1140 ~ 2590	1.4 ~ 0.6
	0.2	P-98-MA	A	1:2	820 ~ 1720	1.9 ~ 0.9	990 ~ 2060	1.6 ~ 0.8
AP-98	0.4	P-98-MA	A	1:2	1000 ~ 2050	3.1 ~ 1.5	1200 ~ 2460	2.6 ~ 1.3
	0.4	P-124-MA	A	1:1.9	890 ~ 1710	3.5 ~ 1.8	1070 ~ 2060	2.9 ~ 1.5
AP-124	0.75	P-124-MA	B	1:2.2	950 ~ 2150	6.1 ~ 2.7	1140 ~ 2590	5.1 ~ 2.3
	0.75	P-164-MA	B	1:2	810 ~ 1660	7.2 ~ 3.5	970 ~ 2000	6.0 ~ 2.9
AP-164	1.5	P-164-MA	C	1:2.4	920 ~ 2230	12.7 ~ 5.2	1110 ~ 2680	10.5 ~ 4.4
	1.5	P-218	C	1:2	680 ~ 1360	17.2 ~ 8.6	810 ~ 1640	14.4 ~ 7.1

Belt Number and Distance between Shafts

Model	Driven side speed changer	Belt number	Belt number	Belt number	Belt number	Belt number	Belt number
		Distance between shafts [mm]	Distance between shafts [mm]	Distance between shafts [mm]	Distance between shafts [mm]	Distance between shafts [mm]	Distance between shafts [mm]
AP-86	P-86-MA	A-20	A-21	A-22	A-23	A-24	A-25
		153	165	179	191	204	216
AP-86	P-98-MA	A-20	A-21	A-22	A-23	A-24	A-25
		143	155	169	181	194	206
AP-98	P-98-MA	A-21	A-22	A-23	A-24	A-25	A-26
		147	160	172	186	198	211
AP-98	P-124-MA	A-23	A-24	A-25	A-26	A-27	A-28
		163	177	189	202	215	227
AP-124	P-124-MA	B-25	B-26	B-27	B-28	B-29	B-30
		168	181	194	206	220	232
AP-124	P-164-MA	B-28	B-29	B-30	B-31	B-32	B-33
		190	203	216	228	241	254
AP-164	P-164-MA	C-32	C-33	C-34	C-35	C-36	C-37
		211	224	237	249	262	275
AP-164	P-218	C-38	C-39	C-40	C-41	C-42	C-43
		241	254	267	279	293	305

Dimensions



Modell	A	B	J	L	M	P1	P2	Q	R	T	D	W	U	Max. pitch diameter	Min. pitch diameter	Mass [kg]
AP-86-MA	86	93	46	156	54	18	3.5	7	70	18	11	—	—	77	51	1.7
AP-98-MA	98	103	50	166	54	19	3.5	7	70	20	14	5	16	89	62	1.9
AP-124-MA	124	126	68	196	62	22	5	10	88	24	19	6	21.5	113	75	3.2
AP-164-MA	164	137	68	211	66	25	7	14.5	88	30	24	8	27	150	96	4.8

• Use 1800 min⁻¹ or less for the input rotation speed. (The 4-pole motor drive is appropriate.)

Modell	Bore depth [mm]	Standard shaft diameters (adapter bore) ϕ D [mm]														
		10	11	12	13	14	15	16	18	19	20	22	24	25		
AP-86-MA	30	⊙	⊙	⊙	⊙	⊙	⊙	⊙								
AP-98-MA	40		⊙	⊙	⊙	●	●	●	●	●	●					
AP-124-MA	50					●	●	●	●	●	●	●	●			
AP-164-MA	50					●	●	●	●	●	●	●	●	○	○	○

• Bores marked with symbols above are available. ●, ⊙ and ○ indicate adapter 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

AP-86-MA-11
 Size ——— Bore diameter