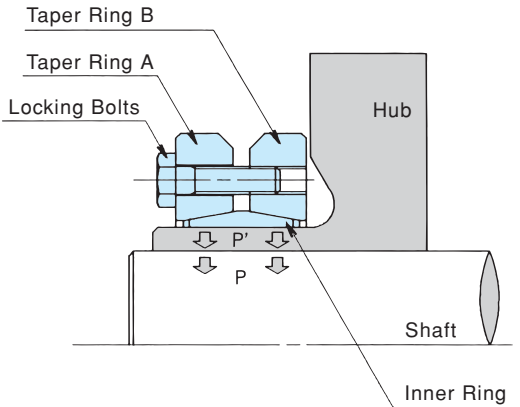


# Model Numbers and Specifications



When this product is tightened, the wedging action between the inner ring and the taper rings applies radial pressure  $P'$  on the hub exterior. This pressure  $P'$  molds the hub towards the radial direction and strengthens the hub-shaft connection. The greater the value of  $P'$ , the tighter the connection.

\* Note) 2

Model No. d X D  Hub Outer Diameter X SL Outer Diameter  mm	Dimensions mm					Transmissible Torque		Transmissible Thrust		Shaft Contact Pressure		Hub Contact Pressure		Locking Bolts			Mass	
	dw	D <sub>1</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>t</sub>	Mt		Pax		P		P'		Quantity	Size	Tightening Torque M <sub>A</sub>		
						N · m	{kgf · m}	kN	{kgf}	MPa	{kgf/mm <sup>2</sup> }	MPa	{kgf/mm <sup>2</sup> }			N · m	{kgf · m}	
PL 125 X 215 SL	85	160	42	54	61	10200	1040	240	24500	187	19.1	240	24.4	12	M10×40	57.8	5.9	8.3
	90					11800	1200	262	26700	194	19.8							
	95					13500	1380	285	29100	200	20.4							
PL 140 X 230 SL	95	175	46	60.5	68.5	14600	1490	308	31400	196	20.0	242	24.7	10	M12×45	98.0	10	10
	100					16600	1690	331	33800	201	20.5							
	105					18700	1910	357	36400	206	21.0							
PL 155 X 265 SL	105	192	50	64.5	72.5	19200	1960	366	37300	195	19.9	237	24.2	12	M12×50	98.0	10	15
	110					21600	2200	392	40000	199	20.3							
	115					24000	2450	417	42600	203	20.7							
PL 165 X 290 SL	115	210	56	71	81	29500	3010	513	52300	222	22.7	259	26.4	8	M16×55	245	25	22
	120					32600	3330	544	55500	226	23.0							
	125					35300	3600	564	57600	225	23.0							
PL 175 X 300 SL	125	220	56	71	81	32600	3330	522	53300	208	21.2	246	25.1	8	M16×55	245	25	22
	130					35900	3660	552	56300	212	21.6							
	135					39400	4020	584	59600	215	22.0							
PL 185 X 330 SL	135	236	71	86	96	45000	4590	666	68000	194	19.8	228	23.2	10	M16×65	245	25	37
	140					49100	5010	702	71600	197	20.1							
	145					53500	5460	738	75300	200	20.4							
PL 195 X 350 SL	140	246	71	86	96	54800	5590	783	79900	220	22.5	254	26.0	12	M16×65	245	25	41
	150					64600	6590	861	87900	226	23.0							
	155					69800	7120	901	91900	228	23.3							
PL 200 X 350 SL	150	246	71	86	96	64600	6590	861	87900	226	23.0	254	26.0	12	M16×65	245	25	41
	155					69800	7120	901	91900	228	23.3							
	160					75200	7670	940	95900	231	23.6							
PL 220 X 370 SL	160	270	88	104	114	83000	8470	1040	106000	206	21.0	234	23.9	15	M16×80	245	25	54
	165					89200	9100	1080	110000	208	21.2							
	170					95700	9770	1130	115000	210	21.4							
PL 240 X 405 SL	170	295	92	109	122	111000	11300	1300	133000	233	23.8	260	26.6	12	M20×80	480	49	67
	180					126000	12900	1400	143000	237	24.2							
	190					141000	14400	1490	152000	238	24.2							
PL 260 X 430 SL	190	321	103	120	133	149000	15200	1570	160000	224	22.9	251	25.6	14	M20×90	480	49	82
	200					169000	17200	1690	172000	228	23.3							
	210					188000	19200	1790	183000	231	23.6							
PL 280 X 460 SL	210	346	114	134	147	196000	20000	1860	190000	218	22.2	241	24.6	16	M20×100	480	49	102
	220					219000	22300	1990	203000	221	22.5							
	230					242000	24700	2110	215000	224	22.8							
PL 300 X 485 SL	230	364	122	142	155	251000	25600	2190	223000	217	22.2	237	24.2	18	M20×100	480	49	118
	240					277000	28300	2310	236000	220	22.5							
	245					290000	29600	2370	242000	221	22.6							

Notes) 1. Mt indicates torque at 0 transmissible thrust, while Pax indicates transmissible thrust at 0 torque. If transmissible torque and thrust apply simultaneously calculate and compare the combined value with the transmissible torque provided in the table.  
2. Dimensions when this product is attached to the shaft and hub.