

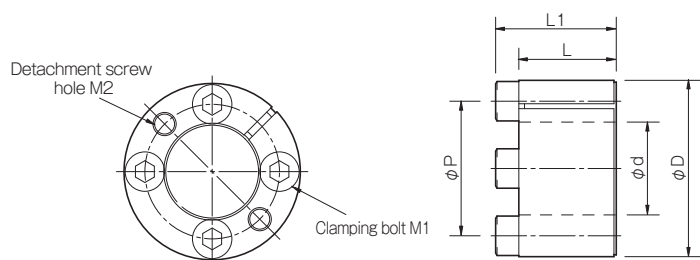
PSL-D Models

Specifications

Model	Rated torque [N·m]	Rated thrust [N]	Shaft contact pressure [N/mm ²]	Hub contact pressure [N/mm ²]	Tightening torque [N·m]	Moment of inertia [kg·m ²]	Mass [kg]
PSL-D-6	6	2100	150	60	1	0.48×10^{-6}	0.012
PSL-D-7	8	2100	140	60	1	0.52×10^{-6}	0.013
PSL-D-8	10	2600	110	50	1	0.77×10^{-6}	0.015
PSL-D-9	15	3200	130	60	1	1.1×10^{-6}	0.020
PSL-D-10	16	3200	110	60	1	1.2×10^{-6}	0.019
PSL-D-11	17	3200	100	50	1	1.8×10^{-6}	0.024
PSL-D-12	19	3200	100	50	1	1.7×10^{-6}	0.022
PSL-D-14	34	4800	100	50	2	4.3×10^{-6}	0.039
PSL-D-15	36	4800	90	50	2	5.7×10^{-6}	0.044
PSL-D-16	67	8400	130	60	4	10×10^{-6}	0.068
PSL-D-17	70	8400	120	60	4	18×10^{-6}	0.093
PSL-D-18	75	8400	110	60	4	17×10^{-6}	0.090
PSL-D-19	80	8400	110	60	4	16×10^{-6}	0.085
PSL-D-20	140	13600	150	80	8	24×10^{-6}	0.120
PSL-D-22	150	13600	140	80	8	29×10^{-6}	0.130
PSL-D-24	230	19300	150	80	14	70×10^{-6}	0.220
PSL-D-25	240	19300	140	80	14	69×10^{-6}	0.210
PSL-D-28	400	28900	190	110	14	86×10^{-6}	0.240
PSL-D-30	430	28900	180	100	14	128×10^{-6}	0.270
PSL-D-32	460	28900	170	100	14	123×10^{-6}	0.260
PSL-D-35	670	38600	160	90	14	215×10^{-6}	0.370
PSL-D-38	730	38600	150	90	14	298×10^{-6}	0.420
PSL-D-40	770	38600	140	90	14	286×10^{-6}	0.410
PSL-D-42	1110	52700	150	80	34	682×10^{-6}	0.700
PSL-D-45	1200	52700	140	80	34	609×10^{-6}	0.630
PSL-D-48	1690	70300	190	110	34	769×10^{-6}	0.730
PSL-D-50	1760	70300	180	110	34	742×10^{-6}	0.710

* The rated torque values are those when the thrust is zero and the rated thrust values are those when the torque is zero.

Dimensions



How to Place an
Order

PSL-D-

Size

Old model ETP - D -

Unit [mm]

Model	d	D	P	L	L1	M1	M2
PSL-D-6	6	16	11	11	13.5	3-M2.5 × 10	2-M2.5
PSL-D-7	7	17	12	11	13.5	3-M2.5 × 10	2-M2.5
PSL-D-8	8	18	13	11	13.5	3-M2.5 × 10	2-M2.5
PSL-D-9	9	20	15	13	15.5	4-M2.5 × 12	2-M2.5
PSL-D-10	10	20	15	13	15.5	4-M2.5 × 12	2-M2.5
PSL-D-11	11	22	17	13	15.5	4-M2.5 × 12	2-M2.5
PSL-D-12	12	22	17	13	15.5	4-M2.5 × 12	2-M2.5
PSL-D-14	14	26	20	17	20	4-M3 × 16	2-M3
PSL-D-15	15	28	21.5	17	20	4-M3 × 16	2-M3
PSL-D-16	16	32	24	17	21	4-M4 × 16	2-M4
PSL-D-17	17	35	27	21	25	4-M4 × 20	2-M4
PSL-D-18	18	35	27	21	25	4-M4 × 20	2-M4
PSL-D-19	19	35	27	21	25	4-M4 × 20	2-M4
PSL-D-20	20	38	29	21	26	4-M5 × 20	2-M5
PSL-D-22	22	40	31	21	26	4-M5 × 20	2-M5
PSL-D-24	24	47	36	26	32	4-M6 × 25	2-M6
PSL-D-25	25	47	36	26	32	4-M6 × 25	2-M6
PSL-D-28	28	50	39	26	32	6-M6 × 25	2-M6
PSL-D-30	30	55	43.5	26	32	6-M6 × 25	2-M6
PSL-D-32	32	55	43.5	26	32	6-M6 × 25	2-M6
PSL-D-35	35	60	47.5	31	37	8-M6 × 30	2-M6
PSL-D-38	38	65	52.5	31	37	8-M6 × 30	2-M6
PSL-D-40	40	65	52.5	31	37	8-M6 × 30	2-M6
PSL-D-42	42	75	60	36	44	6-M8 × 35	2-M8
PSL-D-45	45	75	60	36	44	6-M8 × 35	2-M8
PSL-D-48	48	80	65	36	44	8-M8 × 35	2-M8
PSL-D-50	50	80	65	36	44	8-M8 × 35	2-M8

* L and L1 are dimensions before the POSI-LOCK is mounted.

* The nominal diameter of each bolt and tap is equal to the quantity minus the nominal diameter of the screw threads times the nominal length.

PSL-D(C) Types

Specifications

Model	Rated torque [N·m]	Rated thrust [N]	Shaft contact pressure [N/mm ²]	Hub contact pressure [N/mm ²]	Tightening torque [N·m]	Moment of inertia [kg·m ²]	Mass [kg]
PSL-D-16-C	67	8400	130	60	4	10×10^{-6}	0.068
PSL-D-17-C	70	8400	120	60	4	18×10^{-6}	0.093
PSL-D-18-C	75	8400	110	60	4	17×10^{-6}	0.090
PSL-D-19-C	80	8400	110	60	4	16×10^{-6}	0.085
PSL-D-20-C	140	13600	150	80	8	24×10^{-6}	0.120
PSL-D-22-C	150	13600	140	80	8	29×10^{-6}	0.130
PSL-D-24-C	230	19300	150	80	14	70×10^{-6}	0.220
PSL-D-25-C	240	19300	140	80	14	69×10^{-6}	0.210
PSL-D-28-C	400	28900	190	110	14	86×10^{-6}	0.240
PSL-D-30-C	430	28900	180	100	14	128×10^{-6}	0.270
PSL-D-32-C	460	28900	170	100	14	123×10^{-6}	0.260
PSL-D-35-C	670	38600	160	90	14	215×10^{-6}	0.370
PSL-D-38-C	730	38600	150	90	14	298×10^{-6}	0.420
PSL-D-40-C	770	38600	140	90	14	286×10^{-6}	0.410
PSL-D-42-C	1110	52700	180	110	34	682×10^{-6}	0.700
PSL-D-45-C	1200	52700	140	80	34	609×10^{-6}	0.630
PSL-D-48-C	1690	70300	190	110	34	769×10^{-6}	0.730
PSL-D-50-C	1760	70300	180	110	34	742×10^{-6}	0.710

* The rated torque values are those when the thrust is zero and the rated thrust values are those when the torque is zero.

COUPLINGS

ETP BUSHINGS

ELECTROMAGNETIC
CLUTCHES & BRAKESSPEED CHANGERS
& REDUCERS

INVERTERS

LINEAR SHAFT DRIVES

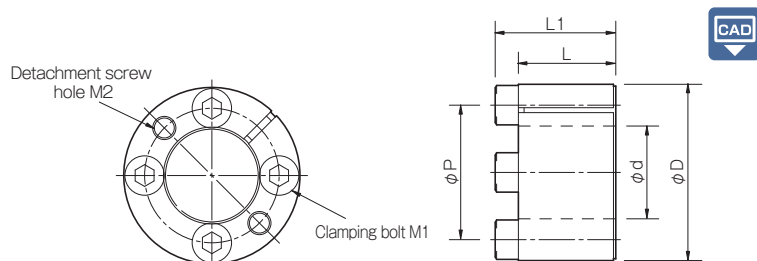
TORQUE LIMITERS

ROSTA

SERIES

Hydraulic Shaft Lock
ETP BUSHINGSMechanical Shaft
Lock
POSI-LOCK

Dimensions



How to Place an
Order

PSL-D- -C
Size
Type (C: Simple antirust specifications)
Old model ETP - D - - C

Unit [mm]

Model	d	D	P	L	L1	M1	M2
PSL-D-16-C	16	32	24	17	21	4-M4 × 16	2-M4
PSL-D-17-C	17	35	27	21	25	4-M4 × 20	2-M4
PSL-D-18-C	18	35	27	21	25	4-M4 × 20	2-M4
PSL-D-19-C	19	35	27	21	25	4-M4 × 20	2-M4
PSL-D-20-C	20	38	29	21	26	4-M5 × 20	2-M5
PSL-D-22-C	22	40	31	21	26	4-M5 × 20	2-M5
PSL-D-24-C	24	47	36	26	32	4-M6 × 25	2-M6
PSL-D-25-C	25	47	36	26	32	4-M6 × 25	2-M6
PSL-D-28-C	28	50	39	26	32	6-M6 × 25	2-M6
PSL-D-30-C	30	55	43.5	26	32	6-M6 × 25	2-M6
PSL-D-32-C	32	55	43.5	26	32	6-M6 × 25	2-M6
PSL-D-35-C	35	60	47.5	31	37	8-M6 × 30	2-M6
PSL-D-38-C	38	65	52.5	31	37	8-M6 × 30	2-M6
PSL-D-40-C	40	65	52.5	31	37	8-M6 × 30	2-M6
PSL-D-42-C	42	75	60	36	44	6-M8 × 35	2-M8
PSL-D-45-C	45	75	60	36	44	6-M8 × 35	2-M8
PSL-D-48-C	48	80	65	36	44	8-M8 × 35	2-M8
PSL-D-50-C	50	80	65	36	44	8-M8 × 35	2-M8

* L and L1 are dimensions before the POSI-LOCK is mounted.

* The nominal diameter of each bolt and tap is equal to the quantity minus the nominal diameter of the screw threads times the nominal length.

MODELS

PSL-K

PSL-G

PSL-D