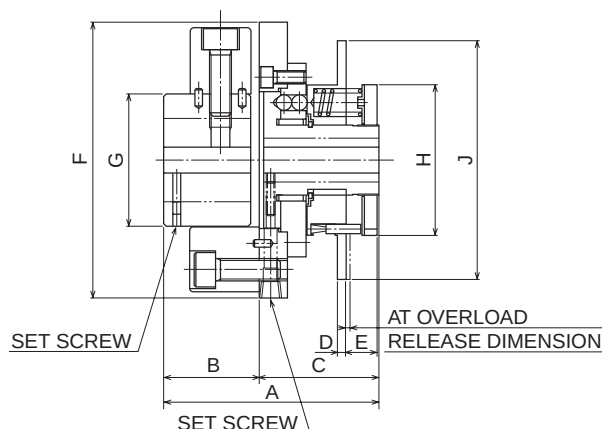
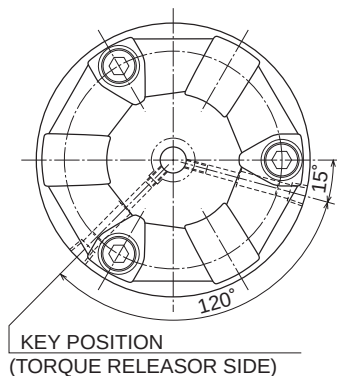


TX□R Type



● DIMENSION LIST

MODEL TYPE	A	B	C	D	E	φF	φG	φH	φJ
TX15R-L · H · G	88	38	50	4	13.7	100	45	56	96
TX20R-L · H · G	99	44	55	4	15.1	125	60	68	108
TX30R-L · H · G	126	58	68	6	20.0	155	70	84	124
TX40R-L · H · G	148	64	84	6	20.3	175	85	108	148
TX50R-L · H · G	175	76	99	8	24.8	205	100	134	174
TX65R-L · H · G	215	92	123	8	29.9	260	125	172	212
TX85R-L · H · G	248	108	140	10	36.5	340	160	218	258

● SPECIFICATION

MODEL TYPE	TORQUE RANGE N·m	SPRING COLOR × NO	MAX SPEED min ⁻¹	INERTIA MOMENT kg·m ²	WEIGHT kg	TORQUE RELEASOR				COUPLING			
						MAX HOLE DIA φmm	STANDARD HOLE DIA φmm	PREPARED HOLE DIA φmm	SET SCREW	MAX HOLE DIA φmm	PREPARED HOLE DIA φmm	SET SCREW	RELEASE DIMENSION mm
TX15R-L	7 ~ 24	WHITE×10	900	1.6×10 ⁻³	2.3	15	15H7×5Js9	9	2-M4	30	12	2-M4	1.5
TX15R-H	8 ~ 38	R E DX 5											
TX15R-G	13 ~ 50	R E DX10											
TX20R-L	12 ~ 43	WHITE×12	750	4.0×10 ⁻³	3.8	20	20H7×6Js9	12	2-M4	38	12	2-M4	1.9
TX20R-H	16 ~ 70	R E DX 6											
TX20R-G	40 ~ 100	R E DX12											
TX30R-L	14 ~ 72	WHITE×12	600	11.4×10 ⁻³	7.2	30	30H7×8Js9	19	2-M4	48	15	2-M4	2.6
TX30R-H	33 ~ 170	R E DX 6											
TX30R-G	72 ~ 200	R E DX12											
TX40R-L	20 ~ 160	WHITE×12	450	24.7×10 ⁻³	11.4	40	40H7×12Js9	24	2-M5	55	15	2-M5	2.9
TX40R-H	43 ~ 330	R E DX 6											
TX40R-G	97 ~ 400	R E DX12											
TX50R-L	79 ~ 390	WHITE×12	400	70.4×10 ⁻³	22.0	50	50H7×14Js9	34	2-M8	65	20	2-M8	3.8
TX50R-H	130 ~ 580	R E DX 6											
TX50R-G	280 ~ 800	R E DX12											
TX65R-L	80 ~ 480	WHITE×12	300	207.1×10 ⁻³	46.8	65	65H7×18Js9	38	2-M10	85	30	2-M10	5.0
TX65R-H	200 ~ 1,000	R E DX 6											
TX65R-G	570 ~ 1,600	R E DX12											
TX85R-L	270 ~ 1,100	YELLOW×12	200	662.6×10 ⁻³	77.8	85	85H7×22Js9	48	2-M12	115	40	2-M12	6.0
TX85R-H	450 ~ 2,100	R E DX 6											
TX85R-G	1,300 ~ 3,200	R E DX12											

• Torque can be varied proportionally according to number of springs.
Number of springs can be used for minimum is three.

*Dimensions and specifications might be changed for improvement without notice.

■ Applicable Sprockets

The table shows the size of sprocket for roller chain that can be mounted on the torque releasor (TX□ D, TX□ E, TY□ A, TY□ D types).

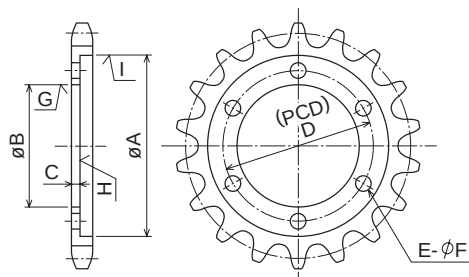
■ TX□ D, TX□ E Types

Torque releasor type		Nom.No.	#35	#41	#40	#50	#60	#80	#100	#120	#140
TX15	D	27~46T	21~35T	21~35T							
	E	27~46T	21~35T	21~35T							
TX20	D		26~45T	26~45T	21~36T						
	E		25~45T	25~45T	21~36T						
TX30	D			32~55T	26~45T	23~37T					
	E			30~55T	25~45T	21~37T					
TX40	D				30~54T	26~45T	20~33T				
	E				29~54T	25~45T	20~33T				
TX50	D					32~55T	25~41T	21~32T			
	E					29~55T	23~41T	19~32T			
TX65	E						28~51T	23~41T	20~34T	18~29T	
TX85	E						35~66T	29~53T	25~44T	22~37T	

■ TY□ A, TY□ D Types

Torque releasor type		Nom.No.	#40	#50	#60	#80	#100	#120	#140
TY30	A	30~55T	25~45T	21~37T					
	D	32~55T	30~45T	23~37T					
TY40	A		30~54T	25~45T	20~33T				
	D		30~54T	26~45T	20~33T				
TY50	A			29~55T	23~41T	19~33T			
	D			32~55T	25~41T	21~33T			
TY65	A				28~51T	23~41T	20~34T	18~29T	
TY85	A				36~66T	29~53T	25~44T	22~37T	

■ Sprocket processing dimensions



Torque releasor type		Nom.No.	A	B	C	D	E-F	G	H	I
TX15	D		70	50H7 ^{+0.025} ₀	3	60	6-5.5	▽▽▽	▽▽	▽
	E		70	35H7 ^{+0.025} ₀	3	58	6-5.5	▽▽▽	▽▽	▽
TX20	D		89	65H7 ^{+0.030} ₀	3	75	6-6.6	▽▽▽	▽▽	▽
	E		86	45H7 ^{+0.025} ₀	3	72	6-6.6	▽▽▽	▽▽	▽
TX30	D		114	85H7 ^{+0.035} ₀	5	100	6-6.6	▽▽▽	▽▽	▽
	E		105	60H7 ^{+0.030} ₀	5	90	6-6.6	▽▽▽	▽▽	▽
TX40	D		135	105H7 ^{+0.035} ₀	5	120	6-9	▽▽▽	▽▽	▽
	E		127	75H7 ^{+0.030} ₀	5	110	6-9	▽▽▽	▽▽	▽
TX50	D		169	130H7 ^{+0.040} ₀	8	150	6-11	▽▽▽	▽▽	▽
	E		156	90H7 ^{+0.035} ₀	8	135	6-11	▽▽▽	▽▽	▽
TX65	E		199	120H7 ^{+0.035} ₀	8	175	6-14	▽▽▽	▽▽	▽
TX85	E		255	150H7 ^{+0.040} ₀	8	225	6-18	▽▽▽	▽▽	▽

Torque releasor type		Nom.No.	A	B	C	D	E-F	G	H	I
TY30	A		105H7 ^{+0.035} ₀	75 or less	5	90	6-6.6	~	▽▽	▽▽▽
	D		114	85H7 ^{+0.035} ₀	5	100	6-6.6	▽▽▽	▽▽	▽
TY40	A		130H7 ^{+0.040} ₀	95 or less	5	115	6-9	~	▽▽	▽▽▽
	D		135	105H7 ^{+0.035} ₀	5	120	6-9	▽▽▽	▽▽	▽
TY50	A		155H7 ^{+0.040} ₀	115 or less	8	135	6-11	~	▽▽	▽▽▽
	D		169	130H7 ^{+0.040} ₀	8	150	6-11	▽▽▽	▽▽	▽
TY65	A		198H7 ^{+0.046} ₀	150 or less	8	175	6-14	~	▽▽	▽▽▽
TY85	A		258H7 ^{+0.052} ₀	200 or less	8	230	6-18	~	▽▽	▽▽▽

*Dimensions and specifications might be changed for improvement without notice.