



BD Spindles

Fixtured Spindles

HIGHLY PRODUCTIVE ENGINEERED ASSEMBLY SYSTEMS.



**ENHANCED PERFORMANCE THROUGH
OVER 40 YEARS OF REFINEMENT.**

Cleco's Digital (BD) Spindles are engineered to bring you a new level of **performance and productivity**, offering a **best-in-class total cost of ownership**.



1BD-SPINDLE



MODEL NUMBER	TORQUE RANGE Nm	IDLE SPEED 1/min	FLOAT mm	MIN. CENTER DISTANCE mm	LENGTH mm	WEIGHT kg	FLOATING ADAPTER ORDER #	FLOATING ADAPTER W/ FLANGE ORDER #
1BD12T1S-A	1.2 - 12	3317	50	43	396	3.5	922325PT	S308434
1BD12T2S-A	1.2 - 12	3317	50	43	476	4.1	922325PT	S308434
1BD12T10-A	1.2 - 12	3151	50	35	384	4	922325PT	S308434
1BD12T20-A	1.2 - 12	3151	50	35	464	4.6	922325PT	S308437
1BD12T1A-A	1.2 - 12	3110	25	52	427	4.4		929041
1BD12T2A-A	1.2 - 12	3110	25	52	507	5		929041
1BDU12T1S-A	1.2 - 12	3317	50	43	251	4	922325PT	S308434
1BDU12T2S-A	1.2 - 12	3317	50	43	331	4.6	922325PT	S308434
1BDU12T10-A	1.2 - 12	3151	50	35	239	4.5	922325PT	S308437
1BDU12T20-A	1.2 - 12	3151	50	35	319	5.1	922325PT	S308437
1BDU12T1A-A	1.2 - 12	3110	25	52	282	4.9		929041
1BDU12T2A-A	1.2 - 12	3110	25	52	362	5.5		929041
1BD35T1S-A	3,5 - 35	1255	50	43	396	3.5	922325PT	S308434
1BD35T2S-A	3,5 - 35	1255	50	43	476	4.1	922325PT	S308434
1BD35T10-A	3,5 - 35	1192	50	35	384	4	922325PT	S308437
1BD35T20-A	3,5 - 35	1192	50	35	464	4.6	922325PT	S308437
1BD35T1A-A	3,5 - 35	1176	25	52	427	4.4		929041
1BD35T2A-A	3,5 - 35	1176	25	52	507	5		929041
1BDU35T1S-A	3,5 - 35	1255	50	43	251	4	922325PT	S308434
1BDU35T2S-A	3,5 - 35	1255	50	43	331	4.6	922325PT	S308434
1BDU35T10-A	3,5 - 35	1192	50	35	239	4.5	922325PT	S308437
1BDU35T20-A	3,5 - 35	1192	50	35	319	5.1	922325PT	S308437
1BDU35T1A-A	3,5 - 35	1176	25	52	282	4.9		929041
1BDU35T2A-A	3,5 - 35	1176	25	52	362	5.5		929041
1BD53T1S-A	5,3 - 53	737	50	43	396	3.5	922325PT	S308434
1BD53T2S-A	5,3 - 53	737	50	43	476	4.1	922325PT	S308434
1BD53T10-A	5,3 - 53	700	50	35	384	4	922325PT	S308437
1BD53T20-A	5,3 - 53	700	50	35	464	4.6	922325PT	S308437
1BD53T1A-A	5,3 - 53	691	25	52	427	4.4		929041
1BD53T2A-A	5,3 - 53	691	25	52	507	5		929041
1BDU53T1S-A	5,3 - 53	737	50	43	251	4	922325PT	S308434
1BDU53T2S-A	5,3 - 53	737	50	43	331	4.6	922325PT	S308434
1BDU53T10-A	5,3 - 53	700	50	35	239	4.5	922325PT	S308437
1BDU53T20-A	5,3 - 53	700	50	35	319	5.1	922325PT	S308437
1BDU53T1A-A	5,3 - 53	691	25	52	282	4.9		929041
1BDU53T2A-A	5,3 - 53	691	25	52	362	5,5		929041

BD Spindles | FIXTURED SPINDLES

2BD-SPINDLE



MODEL NUMBER	TORQUE RANGE Nm	IDLE SPEED 1/min	FLOAT mm	MIN. CENTER DISTANCE mm	LENGTH mm	WEIGHT kg	FLOATING ADAPTER ORDER #	FLOATING ADAPTER W/ FLANGE ORDER #
2BD110T1S-A	11 - 110	890	50	56	481	6.5	910609	S308435
2BD110T2S-A	11 - 110	890	50	56	578	7.6	910609	S308435
2BD110T10-A	11 - 110	830	50	44	504	8.1	910609	S308438
2BD110T20-A	11 - 110	830	50	44	601	9.2	910609	S308438
2BD110T1A-A	11 - 110	837	25	59	505	7.6		929053
2BD110T2A-A	11 - 110	837	25	59	602	8.7		929053
2BDU110T1S-A	11 - 110	890	50	56	310	7.5	910609	S308435
2BDU110T2S-A	11 - 110	890	50	56	407	8.6	910609	S308435
2BDU110T10-A	11 - 110	830	50	44	333	9.1	910609	S308438
2BDU110T20-A	11 - 110	830	50	44	430	10.2	910609	S308438
2BDU110T1A-A	11 - 110	837	25	59	335	8.6		929053
2BDU110T2A-A	11 - 110	837	25	59	432	9.7		929053
2BD200T1S-A	20 - 200	501	50	56	481	6.5	910609	S308435
2BD200T2S-A	20 - 200	501	50	56	578	7.6	910609	S308435
2BD200T10-A	20 - 200	468	50	44	504	8.1	910609	S308438
2BD200T20-A	20 - 200	468	50	44	601	9.2	910609	S308438
2BD200T1A-A	20 - 200	472	25	59	505	7.6		929053
2BD200T2A-A	20 - 200	472	25	59	602	8.7		929053
2BDU200T1S-A	20 - 200	501	50	56	310	7.5	910609	S308435
2BDU200T2S-A	20 - 200	501	50	56	407	8.6	910609	S308435
2BDU200T10-A	20 - 200	468	50	44	333	9.1	910609	S308438
2BDU200T20-A	20 - 200	468	50	44	430	10.2	910609	S308438
2BDU200T1A-A	20 - 200	472	25	59	335	8.6		929053
2BDU200T2A-A	20 - 200	472	25	59	432	9.7		929053

3BD-SPINDLE



MODEL NUMBER	TORQUE RANGE Nm	IDLE SPEED 1/min	FLOAT mm	MIN. CENTER DISTANCE mm	LENGTH mm	WEIGHT kg	FLOATING ADAPTER ORDER #	FLOATING ADAPTER W/ FLANGE ORDER #
3BD300T1S-A	30 - 300	480	50	81	558	13.1	910613	S308436
3BD300T2S-A	30 - 300	480	50	81	670	15.2	910613	S308436
3BD300T10-A	30 - 300	445	50	59	553	14.2	910613	S308439
3BD300T20-A	30 - 300	445	50	59	665	16.3	910613	S308439
3BD300T1A-A	30 - 300	462	25	81	607	16.8		929065
3BD300T2A-A	30 - 300	462	25	81	719	18.9		929065
3BDU300T1S-A	30 - 300	480	50	81	366	15.1	910613	S308436
3BDU300T2S-A	30 - 300	480	50	81	478	17.2	910613	S308436
3BDU300T10-A	30 - 300	445	50	59	361	16.1	910613	S308439
3BDU300T20-A	30 - 300	445	50	59	473	18.2	910613	S308439
3BDU300T1A-A	30 - 300	462	25	81	415	18.8		929065
3BDU300T2A-A	30 - 300	462	25	81	527	20.9		929065

Find out today how Cleco's evolution of fixtured assembly systems will improve the performance and productivity of your assembly process.



Speed

Increased productivity through higher free speed



System Simplicity

Seamlessly and easily integrates to all assembly systems



Reliability

Increases overall equipment availability through an efficient engineered system



Accuracy

Ensures accurate and repeatable productivity

HIGHLY PRODUCTIVE ENGINEERED ASSEMBLY SYSTEMS.

Commonality

Cleco's System Controller provides a common platform with our other Cleco power tool products



Controller

New High Precision Motor

Offers increased free speed and improved system energy management

Precision Gearing

Efficient Cleco System Design

Simple and easy service, troubleshooting and maintenance

New Smart, High-Performance Field Cable

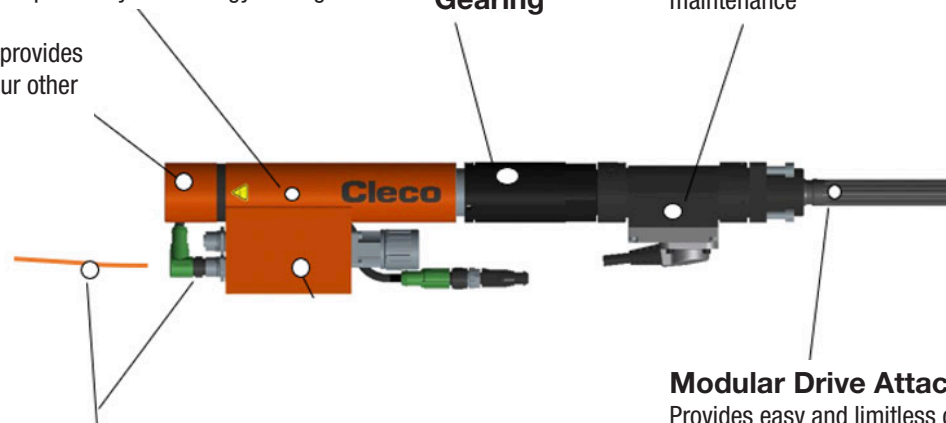
Improves performance and reliability through built-in intelligence, reduced size, improved jacket material and robust connectors

Modular Drive Attachment

Provides easy and limitless configurations

Lower Total Cost of Ownership

Engineered system with proven reliability and robustness which reduces production loss and overall system maintenance.



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4BD-SPINDLE



MODEL NUMBER	TORQUE RANGE Nm	IDLE SPEED 1/min	FLOAT mm	MIN. CENTER DISTANCE mm	LENGTH mm	WEIGHT kg	FLOATING ADAPTER ORDER #	FLOATING ADAPTER W/ FLANGE ORDER #
4BD500T1S-A	50 - 500	269	50	91	689	20	916643	
4BD500T2S-A	50 - 500	269	50	91	817	23	916643	
4BD500T10-A	50 - 500	252	50	76	655	21.5	912106	S308440
4BD500T20-A	50 - 500	252	50	76	782	24.5	912106	S308440
4BD500T1A-A	50 - 500	259	25	112	645	26.1		929089
4BD500T2A-A	50 - 500	259	25	112	772	29.1		929089
4BDU500T1S-A	50 - 500	269	50	91	497	21.5	916643	
4BDU500T2S-A	50 - 500	269	50	91	625	24.5	916643	
4BDU500T10-A	50 - 500	252	50	76	463	23	912106	S308440
4BDU500T20-A	50 - 500	252	50	76	590	26	912106	S308440
4BDU500T1A-A	50 - 500	259	25	112	453	27.7		929089
4BDU500T2A-A	50 - 500	259	25	112	580	30.7		929089
4BD660T1S-A	66 - 660	183	50	91	689	20	916642	
4BD660T2S-A	66 - 660	183	50	91	817	23	916642	
4BD660T10-A	66 - 660	172	50	76	655	21.5	912147	S308474
4BD660T20-A	66 - 660	172	50	76	782	24.5	912147	S308474
4BD660T1A-A	66 - 660	177	25	112	645	26.1		929089
4BD660T2A-A	66 - 660	177	25	112	772	29.1		929089
4BD750T10-A	75 - 750	143	50	76	655	22	912147	S308474
4BD750T20-A	75 - 750	143	50	76	782	25	912147	S308474
4BDU660T1S-A	66 - 660	183	50	91	497	21.5	916642	
4BDU660T2S-A	66 - 660	183	50	91	625	24.5	916642	
4BDU660T10-A	66 - 660	172	50	76	463	23	912147	S308474
4BDU660T20-A	66 - 660	172	50	76	590	26	912147	S308474
4BDU660T1A-A	66 - 660	177	25	112	453	27.7		929089
4BDU660T2A-A	66 - 660	177	25	112	580	30.7		929089
4BDU750T10-A	75 - 750	143	50	76	463	23.5	912147	S308474
4BDU750T20-A	75 - 750	143	50	76	590	26.5	912147	S308474
4BD1250T1S-A	320 - 1250	91	50	121	742	28	S976956	
4BD1250T2S-A	320 - 1250	91	50	121	868	31	S976956	
4BDU1250T1S-A	320 - 1250	91	50	121	550	30	S976956	
4BDU1250T2S-A	320 - 1250	91	50	121	677	33	S976956	
4BD1600T1S-A	400 - 1600	72	50	121	742	28	S308441	
4BD1600T2S-A	400 - 1600	72	50	121	868	31	S308441	
4BDU1600T1S-A	400 - 1600	72	50	121	550	30	S308441	
4BDU1600T2S-A	400 - 1600	72	50	121	677	33	S308441	
4BD2800T1S-A	980 - 2800	39	-	160	735	35.5		
4BDU2800T1S-A	980 - 2800	39	-	160	568	37.5		
4BD2800T2S-A	980 - 2800	39	-	160	862	38.5		
4BDU2800T2S-A	980 - 2800	39	-	160	696	40.5		

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