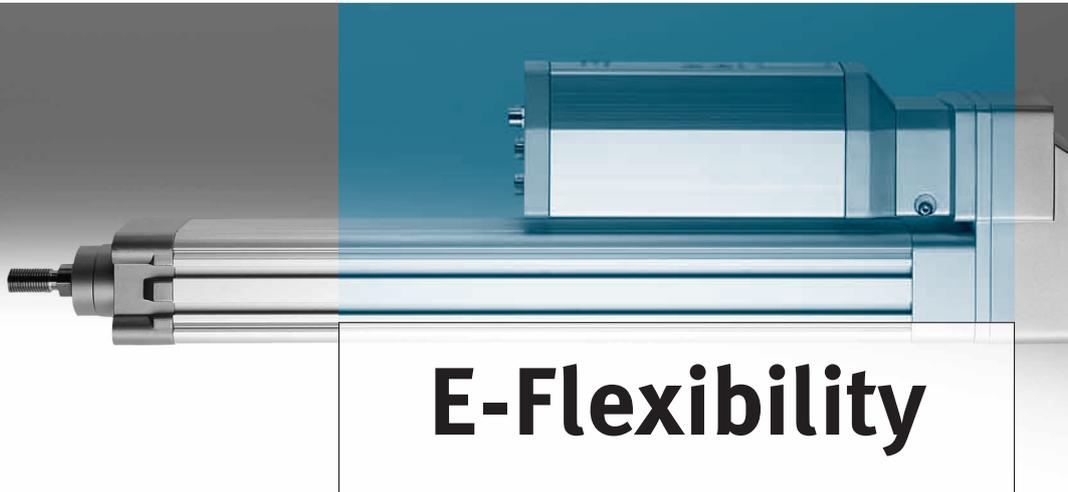


# Electric piston-rod cylinder DNCE

FESTO



The type of application determines which is the best drive mechanism: Lead-screw types for format setting on printing machines, packaging machines and in feed systems, or ball-screw types for dynamic push/pull applications such as volumetric filling or stacking CD's for example.

### Well-proven mechanical components ...

... based on the pneumatic DNC cylinder to DIN/ISO. The advantages of the "DNC with the E": Standard machine component, easy to install, and maintenance-free thanks to lubrication for life.

### Flexible motions ...

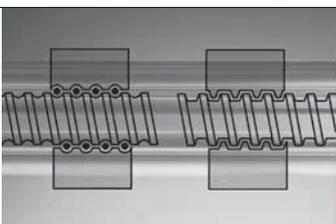
... thanks to freely programmable positions, freedom from stick/slip and jolt-free acceleration. Do you need a special motion profile? The DNCE offers free programming and parameterisation of speeds, travel distances, acceleration and force control as appropriate to the drive system.

### Plug & work ...

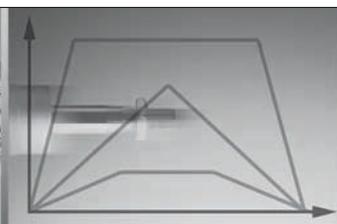
... thanks to a modular system which consists of an axis, motor and fitting kit. The DNCE can be supplied with an intelligent motor unit MTR-DCI, a stepper motor or an alternative servo motor. The limit switches for integrated sensing fit flush in the profile slot, providing protection and without the need for additional mounting kits.

### Compatible ...

... with all DNC mounting attachment, guide units and piston-rod accessories – which means no more need for costly in-house adaptations.



Flexible applications



Specific motion profiles



Ready to install!

150.1.PSI →

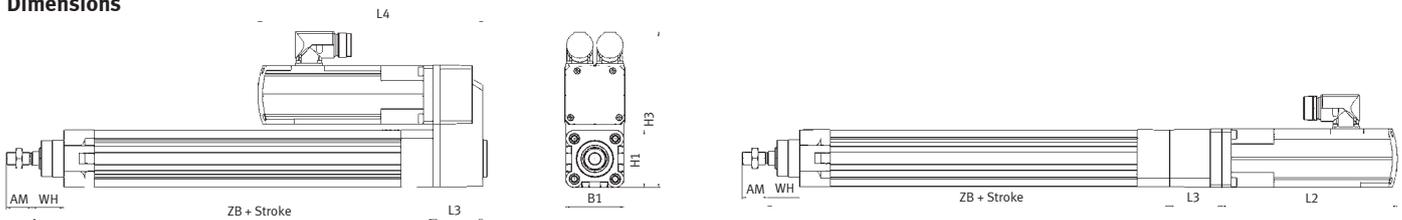
Product Short Information

# Electric piston-rod cylinder DNCE

Sizes		Lead-screw type			Ball-screw type		
		32	40	63	32	40	63
Standard strokes *	[mm]	100	100	100	100	100	100
		200	200	200	200	200	200
		300	300	300	300	300	300
		400	400	400	400	400	400
			600	600		600	600
Spindle pitch	[mm]	1,5	2,5	4	3	5	10
					10	12,7	20
Max. stat. axial force	[N]	600	1400	3700	600	1400	3700
Max. thrust	[N]	300	600	1000	350	800	2500
Repetition accuracy	[mm]	± 0,07			± 0,02		
Max. acceleration	[m/s <sup>2</sup> ]	1			6		
Max. speed	[mm/s]	60	70	70	500	635	1000
Degree of protection		IP40					
Operating temperature range [°C]		0 ... 50					

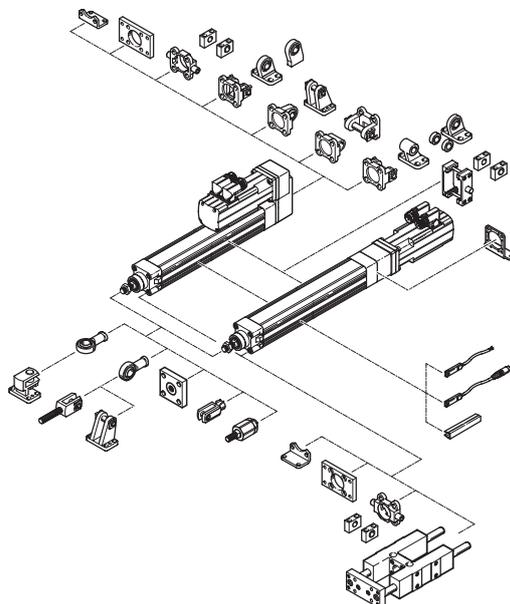
\* available from stock; X-strokes via modular system

## Dimensions



	AM	B1	H1	H2	H3	L1	L2	L3	L4	WH	ZB
DNCE-32/MTR-AC [mm]	22	45,5	45,5	77	125	39,8	156	40	196	26	148
DNCE-40/MTR-AC [mm]	24	54	54	87	146	49,2	164,4	47	211,4	30	177
DNCE-63/MTR-AC [mm]	32	75	75	104	186	63,2	161,8	58	219,8	37	214

Flexible, compatible and offering a wide choice of variants:  
Mounting accessories and fitting kits



## Festo AG & Co. KG

Ruiter Strasse 82  
73734 Esslingen  
www.festo.com  
Tel. +49 711 347-0  
Fax +49 711 347-2144  
service\_international@festo.com