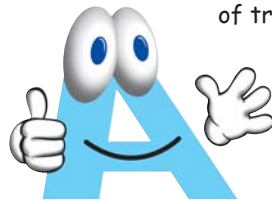
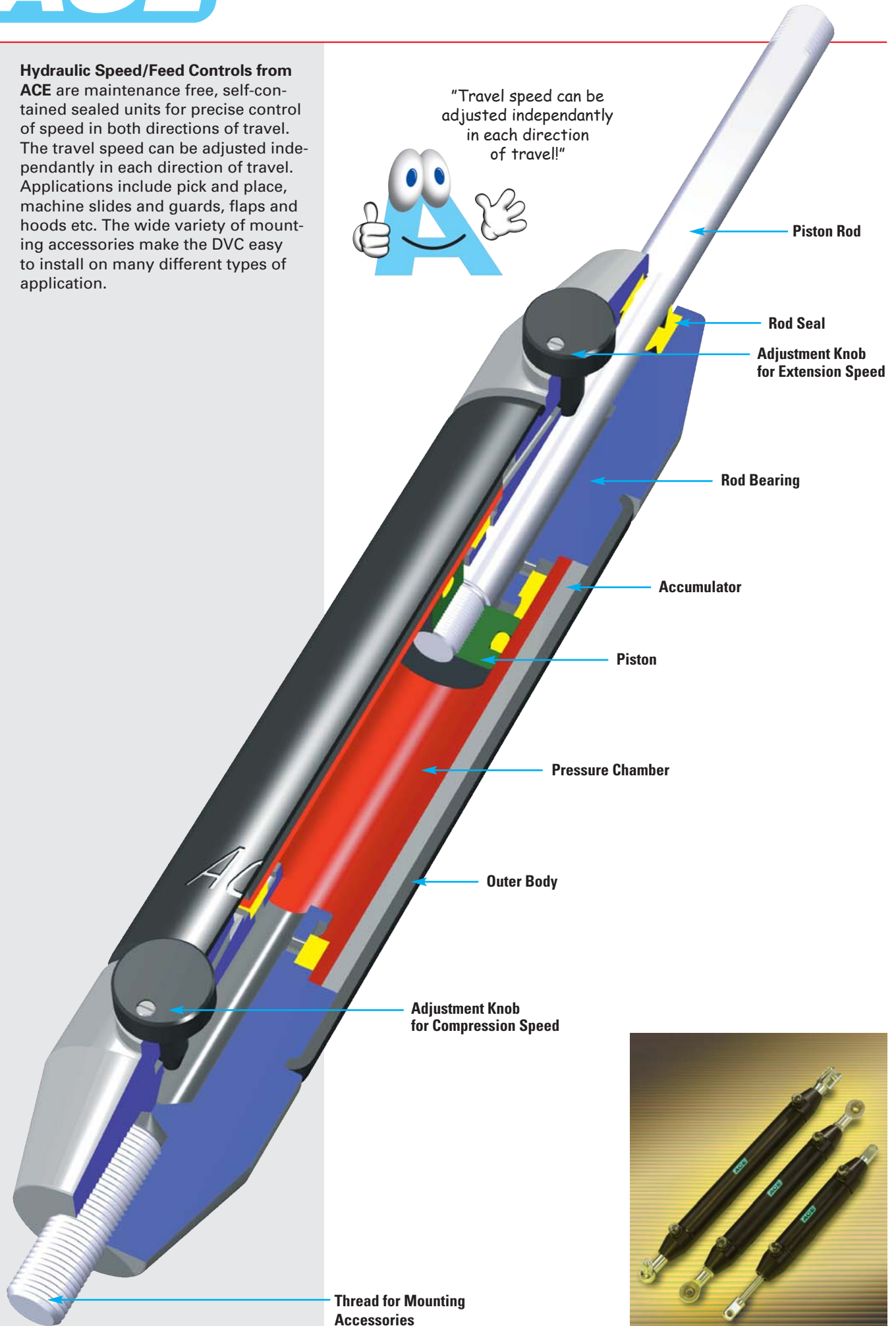


Hydraulic Speed/Feed Controls from ACE are maintenance free, self-contained sealed units for precise control of speed in both directions of travel. The travel speed can be adjusted independently in each direction of travel. Applications include pick and place, machine slides and guards, flaps and hoods etc. The wide variety of mounting accessories make the DVC easy to install on many different types of application.



"Travel speed can be adjusted independently in each direction of travel!"



### End Fitting

### Standard Dimensions

### End Fitting

**A8**

Ball R7

14

20

10 thick

Stroke

20

22

L+/-2 mm extended

10

14

10 thick

8,1

8

#### Dimensions

Type	Stroke mm	L	A max.	B	Propelling Force N (Extension) (Compression)			
					min.	max.	min.	max.
DVC-32-50	50	240			42	2000	42	2000
DVC-32-50-XX	50		250	75.2	42	2000	42	2000
DVC-32-100	100	340			42	2000	42	1670
DVC-32-100-XX	100		350	124.4	42	2000	42	1670
DVC-32-150	150	440			42	2000	42	1335
DVC-32-150-XX	150		450	173.6	42	2000	42	1335

#### Ordering Example

DVC-32-50-DD-P

Type (DVC speed/feed controller) \_\_\_\_\_

Body ø (32 mm) \_\_\_\_\_

Stroke (50 mm) \_\_\_\_\_

Piston rod end fitting (D = Clevis fork) \_\_\_\_\_

Body end fitting (D = Clevis fork) \_\_\_\_\_

Damping direction (P = Both directions) \_\_\_\_\_

#### Damping Options

P = Damping in both directions (Standard Model)

M = Damping on out stroke (Adjustment knob at "rear end" free flow)

N = Damping on in stroke (Adjustment knob at "piston rod end" free flow)

**The end fittings are interchangeable (except the fixed end version, detailed below) and must be positively secured by the customer to prevent unscrewing (i.e. Loctite). For mounting accessories please see page 140.**

**B8**

M8x1,25

9

8

**C8**

20

13

12

15

16,5

30

M8x1,25

36°

**D8**

8

16

8

10

16

32

**E8**

24°

8

12

13

16

16

12

36

**Eye A8**

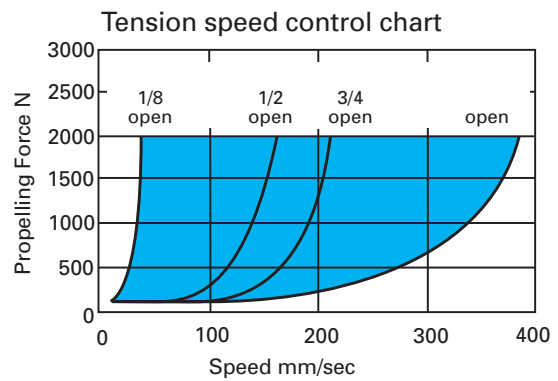
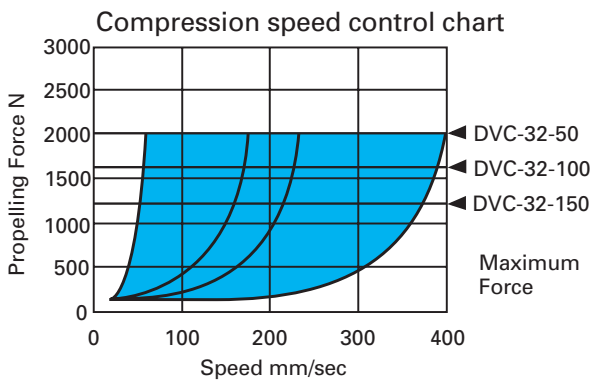
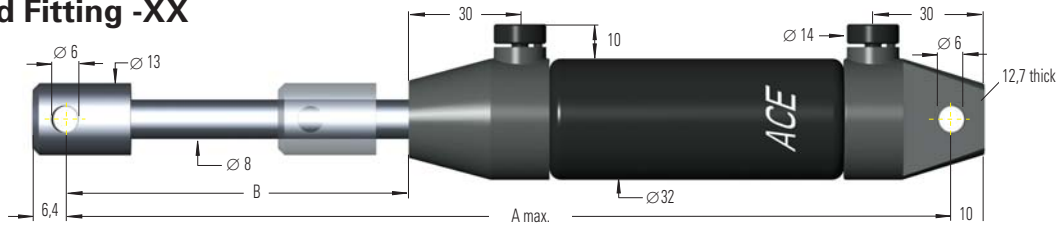
**Stud Thread B8**

**Angle Ball Joint C8**  
(Max. permitted force 1200 N)

**Clevis Fork D8**

**Swivel Eye E8**

### Fixed End Fitting -XX



### Technical Data

ACE speed/feed controls are self-contained and maintenance free.

**Mechanical stops:** Provide mechanical stop 1 to 1.5 mm before end of each stroke direction.

**Mounting position:** Can be mounted in any position. The end fittings must be positively secured to prevent unscrewing.

**To special order:** Special oils and external finishes. Uni-directional

damping (free flow in reverse direction). NOTE: End fittings should be secured with Loctite or similar.

**Operating temperature:** 0°C to 65°C.

**Operating fluid:** Automatic Transmission Fluid (ATF) 42cSt. at 40°C

**Material:** Body: black anodised aluminium. Piston rod: hard chrome plated steel. End fittings: zinc plated steel.