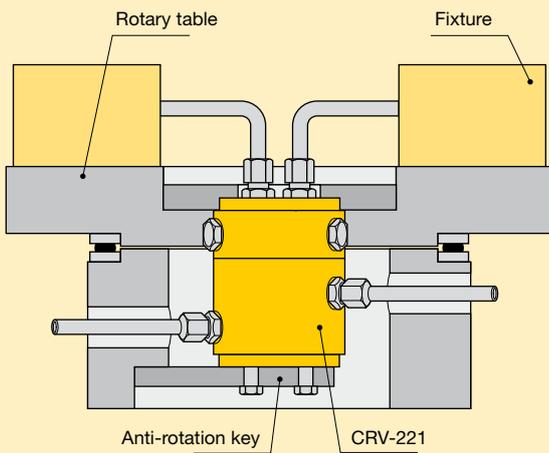


Rotary couplers *Application & selection*

Shown: CRV-222, CR-112



Rotary couplers are specially designed unions to transfer pressurized fluid from a stationary supply line to a rotating device. Used for workholding or clamping device such as fixtures installed on rotating index tables.



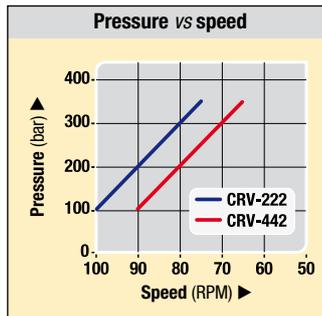
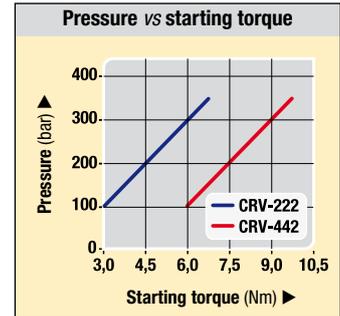
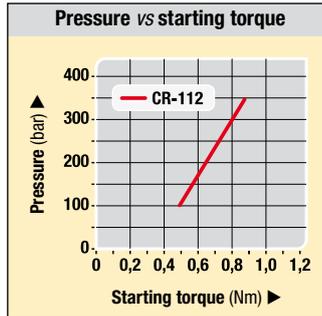
In this application eight CRV-222 rotary couplers are installed to power the individual presses of an eight station rotary press table.



Permanent hydraulic connection on indexing and rotating work stations

- High rotation per minute
- Low starting torque
- Internal oil bearings for increased lifetime
- Manifold mounting adaptors available to reduce fixture plumbing.

Starting torque and speed diagrams



NOTES:
Maximum oil flow: 9 l/min.
Oil loss CRV-222 = 30 cm³/hour.
Oil loss CRV-442 = 40 cm³/hour.

Product selection

No. of radial passages	Model number ¹⁾	Operating pressure range bar	Maximum speed RPM		Starting torque Nm	
			100 bar	350 bar	100 bar	350 bar
1	CR-112	100 - 350	30	30	0,5	0,9
2	CRV-222	100 - 350	100	75	3,0	7,0
4	CRV-442	100 - 350	90	65	6,0	10,0

¹⁾ Before selecting, note the starting torque and speed diagrams above.
Maximum oil flow: 9 l/min.

Manifold mounting adaptor



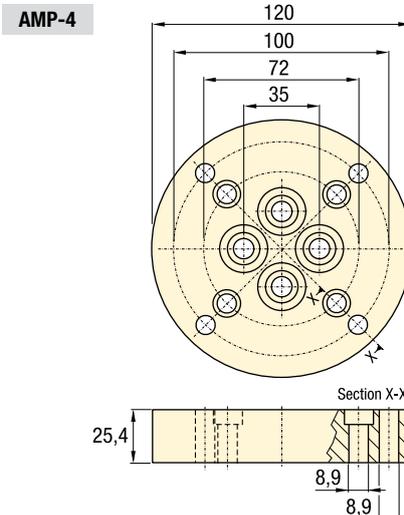
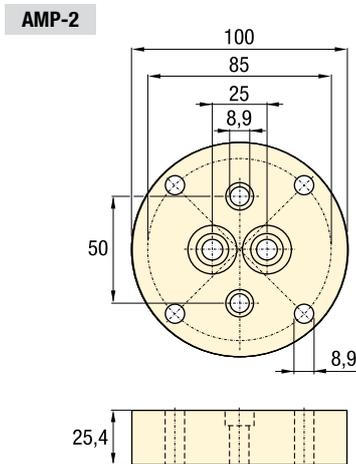
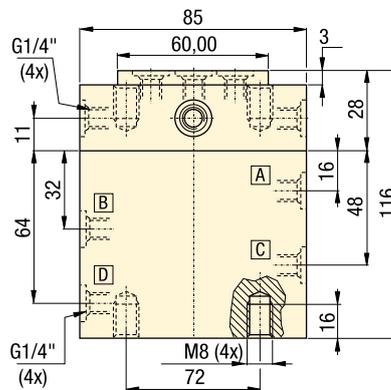
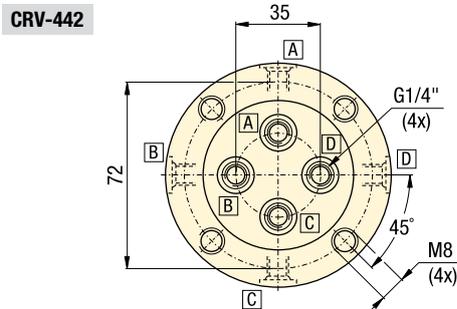
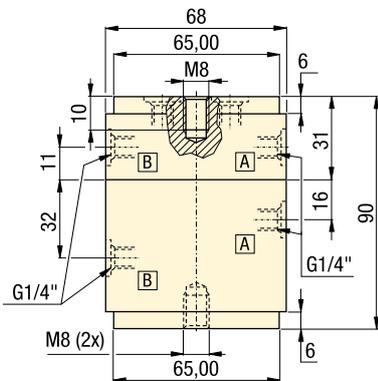
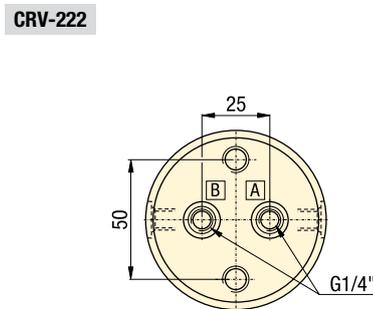
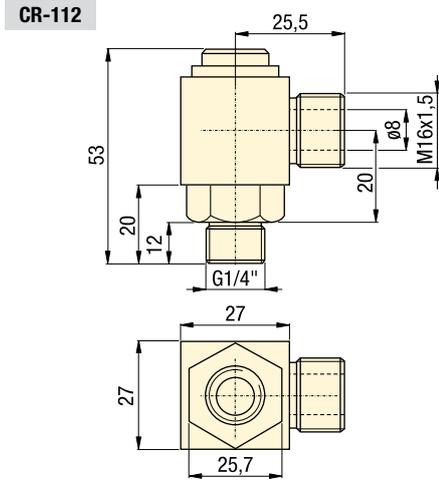
Mounting adaptor AMP-2, AMP-4

Mounts onto end of two and four passage rotary unions. Allows O-ring mounting directly to fixture.

Product selection

Number of radial passages	Model number	Operating pressure range bar	Used with
4	AMP-4	100 - 350	CRV-442

Product dimensions in mm []



Passages: 1 - 4 lines

Speed: 30 - 100 RPM max.

Pressure: 100 - 350 bar

E Acoplamiento giratorios

F Joints tournants

D Drehdurchführungen



Options

Fittings

 194



Couplers

 192



Hoses and couplers

 192



Important

Before selecting, note the pressure versus starting torque diagrams.

Rotary couplers must be mounted in the center of rotation of the installation.

Anti-rotation keys should be utilized.

For proper application, clamp force, pressures and timing, consult Enerpac for support.