

## Dresser-Rand® Gimpel™ Valve Exerciser Plate Kit

One of the many advantages of the Gimpel oil-operated trip and trip throttle valve is an on-line exercise capability, which allows the operator to exercise (partially close) the valve on a regular basis without affecting turbine speed. In older valve designs, the exerciser valve is mounted onto an adaptive sub-plate with gasket. Occasionally, sub-plate bolts loosen and a minor leak may develop at the gasketed area. The exerciser plate kit provides a redesigned sub-plate that replaces the gasket with zero maintenance “O” rings. The easy-to-install conversion kit consists of a new exerciser sub-plate and “O” rings.

### Components (see diagram):

- A. “O” ring set
- B. Exerciser sub-plate

### Benefits:

- No oil leakage
- Oil pressure improves sealing
- No maintenance

### Applicable to:

- OOTV
- OOTTV

### Exerciser Kits for Manual Exercisers

#### Kits for 8 In. Cylinder

PLATE	M4847-1
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“O” RINGS	K8811-1
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#### Kits for 11 In. Cylinder

PLATE	M4793-1
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“O” RINGS	K8810-1
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#### Kits for 13 In. Cylinder

PLATE	M4849-1
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“O” RINGS	K8810-1
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#### Kits for 13 & 15 In. Cylinder

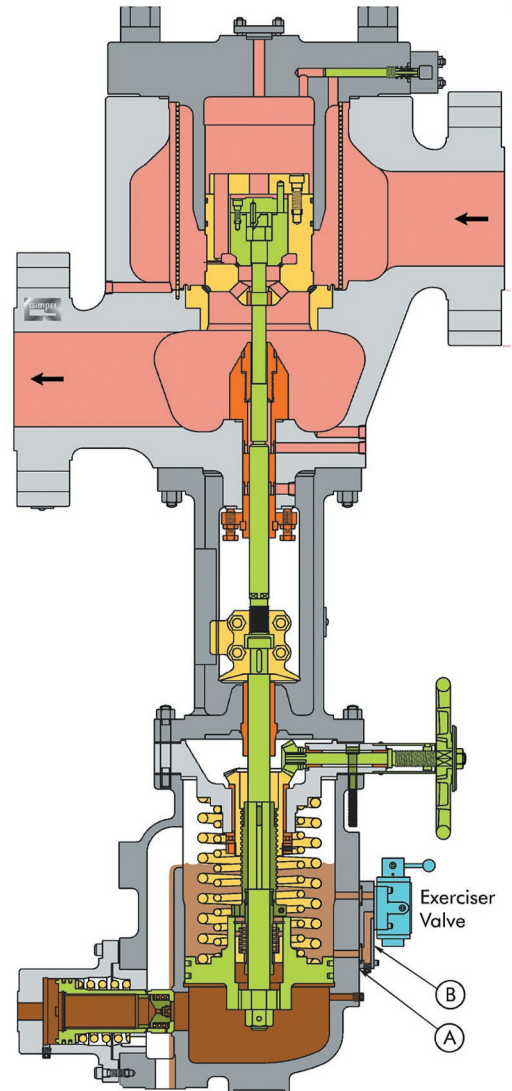
PLATE	M4793-1
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“O” RINGS	K8810-1
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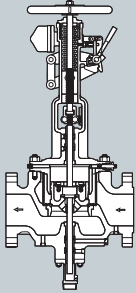
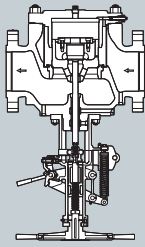
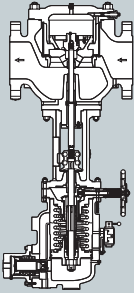
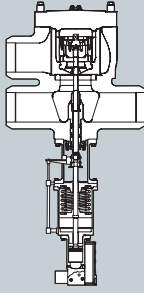
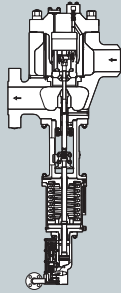
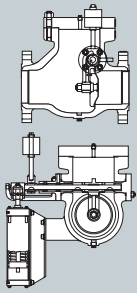
#### Kits for 18.5 In. Cylinder

PLATE	M4850-1
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“O” RINGS	K8815-1
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# Gimpel™ Valve Matrix

	Mechanical Latch		Oil (hydraulic) Operated			Swing Disc Non-Return
	<b>TMTTV</b> Top-Mechanism Trip Throttle Valve 	<b>INTTV</b> Inverted-Trip Throttle Valve 	<b>OOTTV</b> Oil-Operated Trip Throttle Valve 	<b>OOPSV</b> Oil-Operated Position Stop Valve 	<b>OOTV</b> Oil-Operated Trip Valve 	<b>SDNRV</b> Extraction/Induction Power Assisted Valve 
<b>Operation</b>	Push-to-Close	Pull-to-Close	Pull-to-Close	Pull-to-Close	Pull-to-Close	Free-Swinging
<b>Size</b> NPS —inches DN —(mm)	2-14 (50-350)	3-20 (80-500)	3-24 (80-600)	6-24 (150-600)	3-24 (80-600)	4-36 (100-900)
<b>Pressure</b> ANSI Class	150-1500	150-1500	150-2500	150-2500	150-2500	150-900
<b>Temperature</b> °F (limit) °C (limit)	950 510	950 510	1004 540	1004 540	1004 540	950 510