

Pilot operated 2-port valve for dust collector, large port size dust collector valve

PD3/PDV3-20A/25A/40A Series

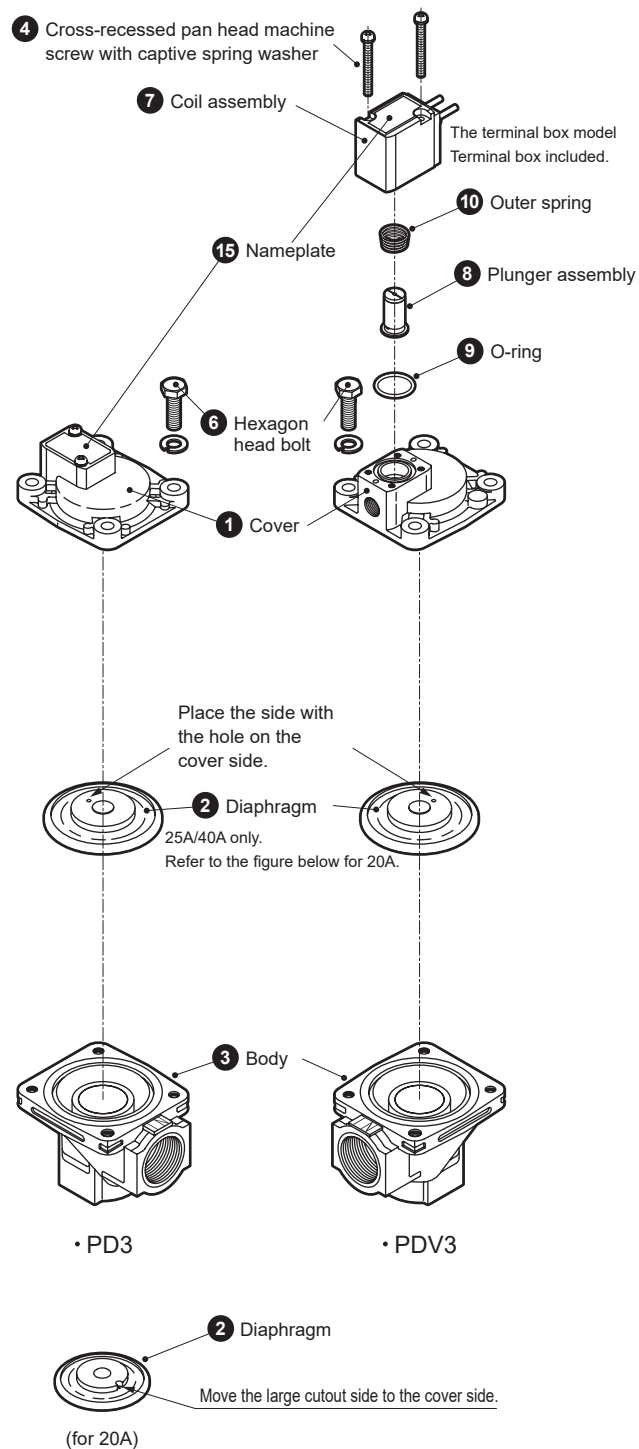
● Air operated/with solenoid valve

PD3/PDV3-20A/25A/40A Series

Parts Expanded View

● PD3/PDV3-20A/25A/40A

(Sealant: Urethane rubber)

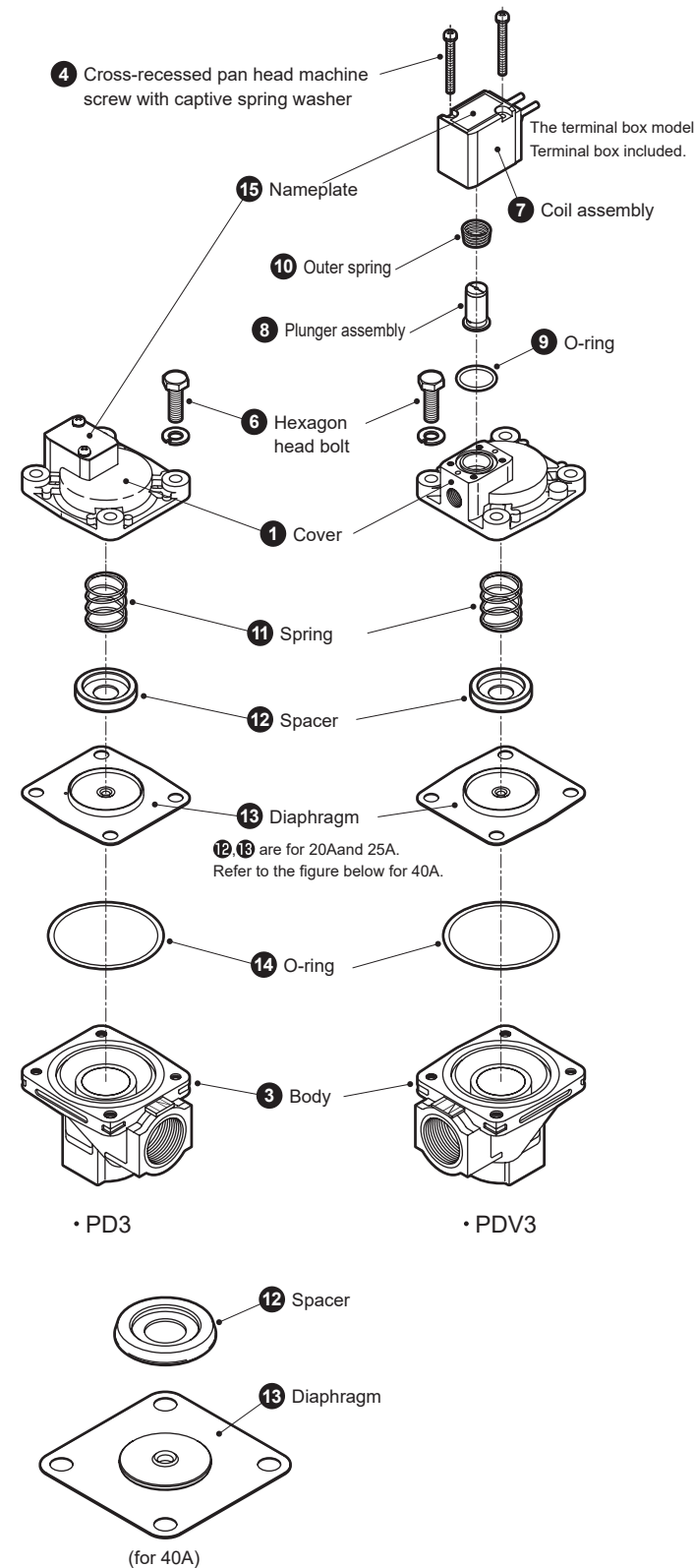


• PD3

• PDV3

● PD3/PDV3-20A/25A/40A-N/F

(Sealant: Nitrile rubber/fluoro rubber)



• PD3

• PDV3

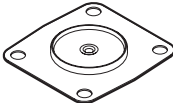
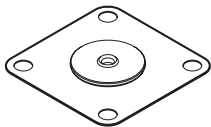
● Actuator assembly (for PDV3)

Coil Option	Port size	Part model No.			Parts diagram	No.	Qty
		Blank: Urethane rubber	N: Nitrile rubber	F: Fluoro rubber			
2C (Lead wire)	20A (Rc3/4)	PDV3-20A-2C-A-KIT-Voltage	PDV3-20A-N2C-A-KIT-Voltage	—		1	1
	25A (Rc1)	PDV3-25A-2C-A-KIT-Voltage	PDV3-25A-N2C-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N2C-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N2C-A-KIT-Voltage	—			
2CS (Lead wire with surge suppressor)	20A (Rc3/4)	PDV3-20A-2CS-A-KIT-Voltage	PDV3-20A-N2CS-A-KIT-Voltage	—			
	25A (Rc1)	PDV3-25A-2CS-A-KIT-Voltage	PDV3-25A-N2CS-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N2CS-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N2CS-A-KIT-Voltage	—			
2E (With DIN terminal box G1/2)	20A (Rc3/4)	PDV3-20A-2E-A-KIT-Voltage	PDV3-20A-N2E-A-KIT-Voltage	—			
	25A (Rc1)	PDV3-25A-2E-A-KIT-Voltage	PDV3-25A-N2E-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N2E-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N2E-A-KIT-Voltage	—			
2ES (DIN terminal box with surge suppressor G1/2)	20A (Rc3/4)	PDV3-20A-2ES-A-KIT-Voltage	PDV3-20A-N2ES-A-KIT-Voltage	—			
	25A (Rc1)	PDV3-25A-2ES-A-KIT-Voltage	PDV3-25A-N2ES-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N2ES-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N2ES-A-KIT-Voltage	—			
2G (With DIN terminal box Pg11)	20A (Rc3/4)	PDV3-20A-2G-A-KIT-Voltage	PDV3-20A-N2G-A-KIT-Voltage	—			
	25A (Rc1)	PDV3-25A-2G-A-KIT-Voltage	PDV3-25A-N2G-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N2G-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N2G-A-KIT-Voltage	—			
2H (DIN terminal box with lamp Pg11)	20A (Rc3/4)	PDV3-20A-2H-A-KIT-Voltage	PDV3-20A-N2H-A-KIT-Voltage	—			
	25A (Rc1)	PDV3-25A-2H-A-KIT-Voltage	PDV3-25A-N2H-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N2H-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N2H-A-KIT-Voltage	—			
2HS (DIN terminal box, with lamp, with surge suppressor Pg11)	20A (Rc3/4)	PDV3-20A-2HS-A-KIT-Voltage	PDV3-20A-N2HS-A-KIT-Voltage	—			
	25A (Rc1)	PDV3-25A-2HS-A-KIT-Voltage	PDV3-25A-N2HS-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N2HS-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N2HS-A-KIT-Voltage	—			
2CG (Conduit CTC19)	20A (Rc3/4)	PDV3-20A-2CG-A-KIT-Voltage	PDV3-20A-N2CG-A-KIT-Voltage	—			
	25A (Rc1)	PDV3-25A-2CG-A-KIT-Voltage	PDV3-25A-N2CG-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N2CG-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N2CG-A-KIT-Voltage	—			
2CH (Conduit G1/2)	20A (Rc3/4)	PDV3-20A-2CH-A-KIT-Voltage	PDV3-20A-N2CH-A-KIT-Voltage	—			
	25A (Rc1)	PDV3-25A-2CH-A-KIT-Voltage	PDV3-25A-N2CH-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N2CH-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N2CH-A-KIT-Voltage	—			
3T (With T-type terminal box G1/2)	20A (Rc3/4)	PDV3-20A-3T-A-KIT-Voltage	PDV3-20A-N3T-A-KIT-Voltage	—			
	25A (Rc1)	PDV3-25A-3T-A-KIT-Voltage	PDV3-25A-N3T-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N3T-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N3T-A-KIT-Voltage	—			
3R (T-type terminal box with lamp G1/2)	20A (Rc3/4)	PDV3-20A-3R-A-KIT-Voltage	PDV3-20A-N3R-A-KIT-Voltage	—			
	25A (Rc1)	PDV3-25A-3R-A-KIT-Voltage	PDV3-25A-N3R-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N3R-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N3R-A-KIT-Voltage	—			
3RS (T-type terminal box with lamp surge suppressor G1/2)	20A (Rc3/4)	PDV3-20A-3RS-A-KIT-Voltage	PDV3-20A-N3RS-A-KIT-Voltage	—			
	25A (Rc1)	PDV3-25A-3RS-A-KIT-Voltage	PDV3-25A-N3RS-A-KIT-Voltage	—			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	PDV3-40A-N3RS-A-KIT-Voltage	—			
	40A-Rc (Rc1 1/2)	—	PDV3-40A-RC-N3RS-A-KIT-Voltage	—			
4A (Lead wire thermal class H or equivalent)	20A (Rc3/4)	—	—	PDV3-20A-F4A-A-KIT-Voltage			
	25A (Rc1)	—	—	PDV3-25A-F4A-A-KIT-Voltage			
	40A (IN: Rc1 1/2, OUT: O.D. ø48 length 52)	—	—	PDV3-40A-F4A-A-KIT-Voltage			
	40A-Rc (Rc1 1/2)	—	—	PDV3-40A-RC-F4A-A-KIT-Voltage			

Voltage: 100 VAC/200 VAC/24 VDC/12 VDC

*Coil option: For A4, only AC voltage is available. (Refer to the product catalog)

●Diaphragm assembly (for PD3/PDV3)

Port size	Part model No.	Parts diagram	No.	Qty				
■ Sealant: Blank (urethane rubber)			2	1				
20A (Rc3/4)	PD3-20A-DIAPHRAGM							
25A (Rc1)	PD3-25A-DIAPHRAGM							
40A (IN: Rc1½, OUT: O.D. ø48 length 52)	PD3-40A-DIAPHRAGM							
40A-Rc (Rc1½)								
■ Sealant: N (nitrile rubber)		20A/25A 40A		11 12 13 14	1 each			
20A (Rc3/4)	PD3-20A-N-D-KIT							
25A (Rc1)	PD3-25A-N-D-KIT							
40A (IN: Rc1½, OUT: O.D. ø48 length 52)	PD3-40A-N-D-KIT							
40A-Rc (Rc1½)								
■ Sealant: F (fluoro rubber)								
20A (Rc3/4)	PD3-20A-F-D-KIT							
25A (Rc1)	PD3-25A-F-D-KIT							
40A (IN: Rc1½, OUT: O.D. ø48 length 52)	PD3-40A-F-D-KIT							
40A-Rc (Rc1½)								

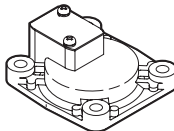
●Spring (for PD3-*N/F, PDV3-*N/F)

Port size	Part model No.	Parts diagram	No.	Qty
20A (Rc3/4)	PD3-20A-SPRING		11	1
25A (Rc1)	PD3-25A-SPRING			
40A (IN: Rc1½, OUT: O.D. ø48 length 52)	PD3-40A-SPRING			
40A-Rc (Rc1½)				

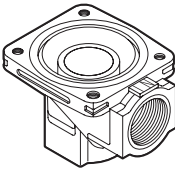
●Hexagon head bolt (for PD3/PDV3)

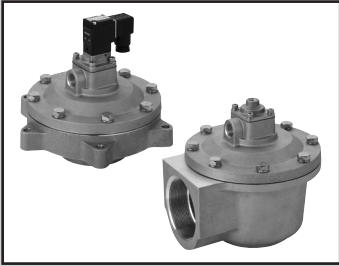
Port size	Part model No.	Parts diagram	No.	Qty
20A (Rc3/4)	PD3-20A-BOLT		6	4
25A (Rc1)	PD3-25A-BOLT			
40A (IN: Rc1½, OUT: O.D. ø48 length 52)	PD3-40A-BOLT			
40A-Rc (Rc1½)				

●Cover set (for PD3)

Port size	Part model No.			Parts diagram	No.	Qty
	Sealant					
	Blank: Urethane rubber	N: Nitrile rubber	F: Fluoro rubber			
20A (Rc3/4)	PDV3-20A-COVER-ASSY	PDV3-20A-N-COVER-ASSY	PDV3-20A-F-COVER-ASSY		① ⑮	1 each
25A (Rc1)	PDV3-25A-COVER-ASSY	PDV3-25A-N-COVER-ASSY	PDV3-25A-F-COVER-ASSY			
40A (IN: Rc1½, OUT: O.D. ø48 length 52)	—	PDV3-40A-N-COVER-ASSY	PDV3-40A-F-COVER-ASSY			
40A-Rc (Rc1½)	—	PDV3-40A-RC-N-COVER-ASSY	PDV3-40A-RC-F-COVER-ASSY			

●Body (for PD3/PDV3)

Port size	Part model No.	Parts diagram	No.	Qty
20A (Rc3/4)	PD3-20A-BODY		3	1
25A (Rc1)	PD3-25A-BODY			
40A (IN: Rc1½, OUT: O.D. ø48 length 52)	PD3-40A-BODY			
40A-Rc (Rc1½)	PD3-40A-RC-BODY			



Pilot operated 2-port valve for dust collector, large port size dust collector valve

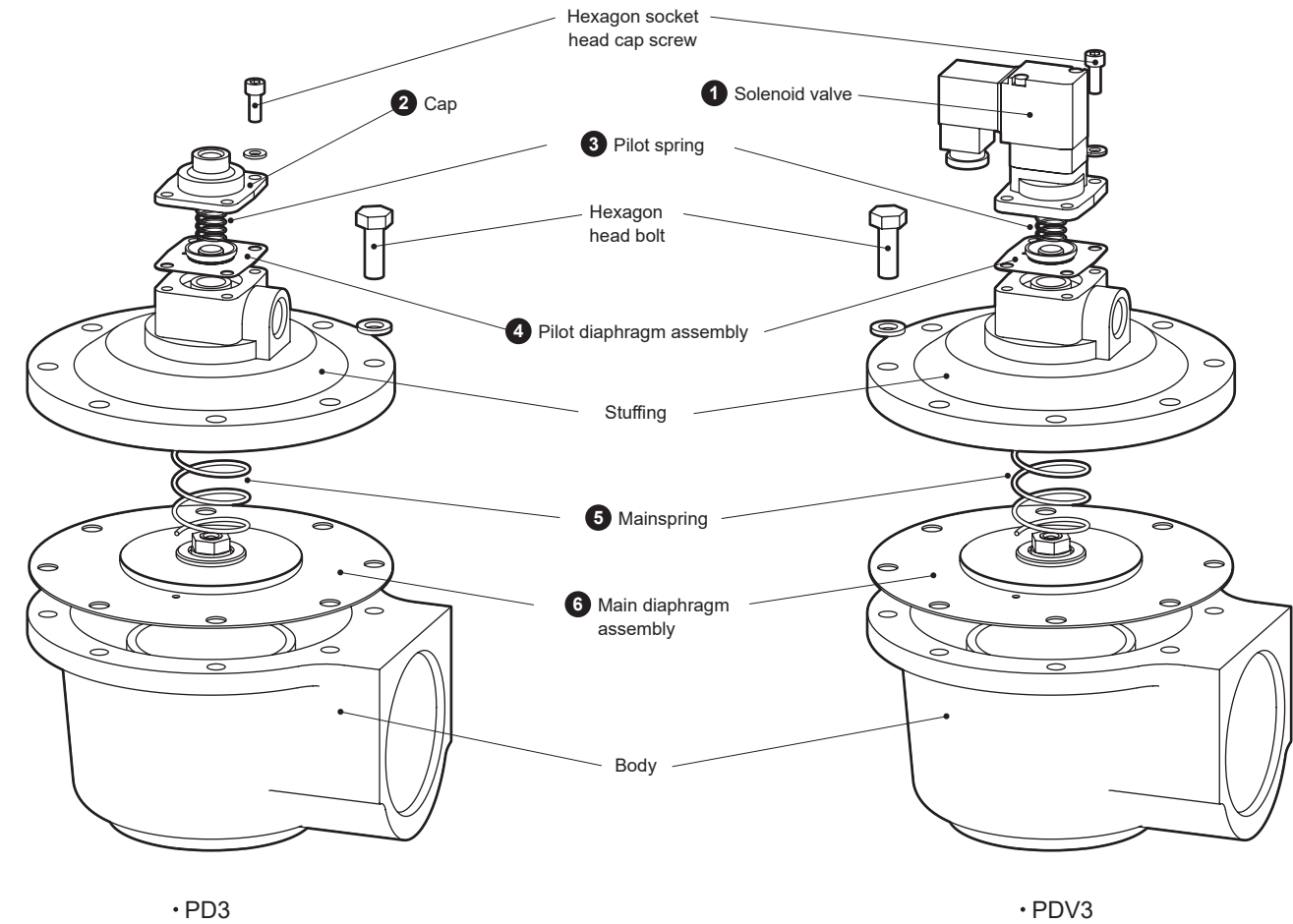
PD3/PDV3-65A/80A Series

●Air operated with solenoid valve

PD3/PDV3-65A/80A Series

Parts Expanded View

●PD3/PDV3-65A/80A

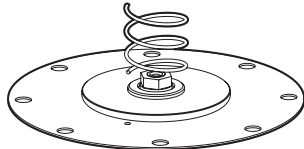


●Actuator assembly (for PDV3)

Coil option	Port size	Part model No.	Parts diagram	No.	Qty
2C (Lead wire)	65A (Rc2 ½)	PDV3-65A-N2C-A-KIT-Voltage		1	1
	80A (Rc3)	PDV3-80A-N2C-A-KIT-Voltage			
2E (with DIN terminal box G1/2)	65A (Rc2 ½)	PDV3-65A-N2E-A-KIT-Voltage			
	80A (Rc3)	PDV3-80A-N2E-A-KIT-Voltage			
2G (with DIN terminal box Pg11)	65A (Rc2 ½)	PDV3-65A-N2G-A-KIT-Voltage			
	80A (Rc3)	PDV3-80A-N2G-A-KIT-Voltage			
2H (DIN terminal box/with lamp Pg11)	65A (Rc2 ½)	PDV3-65A-N2H-A-KIT-Voltage			
	80A (Rc3)	PDV3-80A-N2H-A-KIT-Voltage			

Voltage: 100 VAC/200 VAC/24 VDC/12 VDC

●Diaphragm assembly (for PD3/PDV3)

Port size	Part model No.	Parts diagram	No.	Qty
■ Pilot diaphragm assembly				
65A (Rc2½)	PD3-65A-N-PD-KIT		3 4	1 each
80A (Rc3)				
■ Main diaphragm assembly				
65A (Rc2½)	PD3-65A-N-MD-KIT		5 6	1 each
80A (Rc3)	PD3-80A-N-MD-KIT			

●Cap (for PD3)

Port size	Part model No.	Parts diagram	No.	Qty
65A (Rc2½)	PD3-65A-CAP		2	1
80A (Rc3)				