

Field^{IT}
Actuators & Positioners
Damper Drive Upgrade Conversion Kit
(Quick Reference Guide)

- Identification of Bailey heritage damper drive units for cross-referencing to current ABB Damper Drive offering.
- Easy cross-referencing of damper drive units by rated torque.
- Easy identification of mounting adapters with ordering information.
- ABB Damper Drive Upgrade Program Conversion Guide for in-depth detail.



**Damper Drive Upgrade
Conversion Kit**

DAMPER DRIVE UPGRADE CONVERSION KIT

Cross Reference by Rated Torque with Mounting Adapters

To→ From ↓	LP10 2-1/2x5	LP20 4x4	LP30 6x8	LP32 6x16	LP40 8x8	LP50 8x16	LP60 8x16	UP10	UP20	UP30	UP40	UP50	UP60	PME120	RHD250	RHD500	RHD800	RHD1250	RHD2500	RHD4000	RHD8000	RHD16000	
ACX0404 Simple Cylinder		D																					
AC0608 Simple Cylinder			D																				
AC0816 Simple Cylinder						D																	
AC1016 Simple Cylinder							D																
AC0404 Drive								D						5									
AC0608 Drive									3	U						4							
AC0816 Drive										D	D							1	1				
AC1016 Drive												D	D								2		
UP10 Pneumatic Drive														5									
UP20 Pneumatic Drive																U							
UP30 Pneumatic Drive																	1	6					
UP40 Pneumatic Drive																			1				
UP50 Pneumatic Drive																				2			
UP60 Pneumatic Drive																				2		U	
UE20 Pneumatic Drive														7		U							
UE30 Pneumatic Drive																	1	U					
UE40 Pneumatic Drive																			1				
UE50 Pneumatic Drive																				2			
UE60 Pneumatic Drive																				2		U	
RC2 Electric Drive														X									
RC4 Electric Drive																X							
RC6 Electric Drive																			X				
RC9 Electric Drive																				X			
RW1 Electric Drive															X								
RW2 Electric Drive																X							
RW3 Electric Drive																		X					
RW4 Electric Drive																				X			
RW5 Electric Drive																						X	
RW6 Electric Drive																							X
RWA Electric Drive															X								
RWB Electric Drive																	X						
RWC Electric Drive																			X				
RWD Electric Drive																				X			
RWE Electric Drive																						X	

Note: "D" denotes direct drop-in replacement; "1-7" denotes mounting adapter per listing below; "U" denotes mounting adapter under development; and "X" denotes cross reference for rated torque only.

Mounting Adapter Part Numbers

1. 5400404A1
2. 5400415A1
3. 5400417A1
4. 5400418A15
5. 5400419A1
6. 5400432A1
7. 5400433A1

For detailed information regarding exact nomenclature, torque ratings, dimensions, etc., please refer to the ABB Damper Drive Upgrade Program Conversion Guide available on www.abbwin.com

Damper Drive Upgrade Program Conversion and Upgrade Mounting Adapters

To Convert From:	To Convert To:	Mounting Adaptor P/N*
AC0608 Pneumatic Damper Drive	UP20 Pneumatic Damper Drive	5400417A1
AC0608 Pneumatic Damper Drive	UP30 Pneumatic Damper Drive	Under Development
AC0816 Pneumatic Damper Drive	UP50 Pneumatic Damper Drive	Under Development
AC0404 Pneumatic Damper Drive	PME120 Electric Damper Drive	5400419A1
AC0608 Pneumatic Damper Drive	RHD500 Electric Damper Drive	5400418A1
AC0816 Pneumatic Damper Drive	RHD1250 Electric Damper Drive	5400404A1
AC0816 Pneumatic Damper Drive	RHD2500 Electric Damper Drive	5400404A1
AC1016 Pneumatic Damper Drive	RHD4000 Electric Damper Drive	5400415A1
UP10 Pneumatic Damper Drive	PME120 Electric Damper Drive	5400419A1
UP20 Pneumatic Damper Drive	RHD500 Electric Damper Drive	Under Development
UP30 Pneumatic Damper Drive	RHD800 Electric Damper Drive	5400404A1
UP30 Pneumatic Damper Drive	RHD1250 Electric Damper Drive	5400432A1
UP40 Pneumatic Damper Drive	RHD2500 Electric Damper Drive	5400404A1
UP50 Pneumatic Damper Drive	RHD4000 Electric Damper Drive	5400415A1
UP60 Pneumatic Damper Drive	RHD4000 Electric Damper Drive	5400415A1
UP60 Pneumatic Damper Drive	RHD8000 Electric Damper Drive	Under Development
UE20 Electric Damper Drive	RHD500 Electric Damper Drive	Under Development
UE20 Electric Damper Drive	PME120 Electric Damper Drive	5400433A1
UE30 Electric Damper Drive	RHD800 Electric Damper Drive	5400404A1
UE30 Electric Damper Drive	RHD1250 Electric Damper Drive	Under Development
UE40 Electric Damper Drive	RHD2500 Electric Damper Drive	5400404A1
UE50 Electric Damper Drive	RHD4000 Electric Damper Drive	5400415A1
UE50 Electric Damper Drive	RHD4000 Electric Damper Drive	5400415A1
UE60 Electric Damper Drive	RHD8000 Electric Damper Drive	Under Development

* Mounting Adapters do not include added linkage connectors. Refer to Conversion Guide for details

** TZID-C Upgrade Kits do not include TZID-C positioners. This must be ordered separately. See TZID-C price list for details

To Upgrade		TZID-C Upgrade Kits**
From	To	Part Number
AC0404 with AP positioner	TZID-C with equalizing manifold	258655A1 (See Note 1)
AC0404 with Bailey part number positioner	TZID-C with equalizing manifold	258655A1 (See Note 2)
AC0608 with AP positioner	TZID-C with equalizing manifold	258655A1 (See Note 1)
AC0608 with Bailey part number positioner	TZID-C with equalizing manifold	258655A1 (See Note 2)
AC0816 with AP positioner	TZID-C with equalizing manifold & boosters	258657A1
AC0816 with Bailey part number positioner	TZID-C with equalizing manifold & boosters	258657A1
AC1016 with AP positioner	TZID-C with equalizing manifold & boosters	258657A1
AC1016 with Bailey part number positioner	TZID-C with equalizing manifold & boosters	258657A1
UP10 or UP20 with AP positioner	TZID-C with equalizing manifold	258650A1 (See Note 1)
UP30 with AP positioner	TZID-C with equalizing manifold	258656A1 (See Note 1)
UP30 with AP positioner	TZID-C without equalizing manifold	258656A2 (See Note 1)
UP40 with AP positioner	TZID-C with equalizing manifold	258656A3 (See Note 1)
UP40 with AP positioner	TZID-C without equalizing manifold	258656A4 (See Note 1)
UP50 or UP60 with AP positioner	TZID-C with equalizing manifold & boosters	258657A1
UP10 or UP20 with AV positioner	TZID-C with equalizing manifold	258650A1
UP30 with AV positioner	TZID-C with equalizing manifold	258656A1
UP30 with AV positioner	TZID-C without equalizing manifold	258656A2
UP40 with AV positioner	TZID-C with equalizing manifold	258656A3
UP40 with AV positioner	TZID-C without equalizing manifold	258656A4
UP50 or UP60 with AV positioner	TZID-C with equalizing manifold & boosters	258657A1
Valves with AP positioner	TZID-C	258655A2 (See Note 1)
Valves with Bailey part number positioner	TZID-C	258655A2 (See Note 2)
Valves with AV positioner	TZID-C	258655A2
Valves with other positioners	TZID-C	Consult Factory
For AV to AP positioner	Note 1: Required with all kits noted above	5400309A1
For AV to Bailey part number	Note 2: Required with all kits note above	5328174C1

* Mounting Adapters do not include added linkage connectors. Refer to Conversion Guide for details.
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