

APPENDIX A - TECHNICAL DATA ACTUATORS

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TECHNICAL DATA ACTUATORS AB-SERIES

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TECHNICAL DATA ACTUATORS AB-SERIES ACC. TO ATEX 94/9/EG



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ACTUATORS AB-SERIES

TECHNICAL DATA

up to 250 Nm



type key:

no -proof: empty

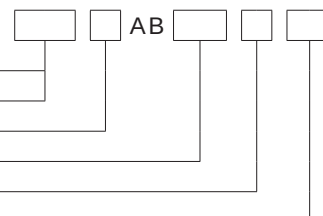
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ON-OFF operation: empty

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



ON -OFF with 3-phase AC motor

design size	torque range mode of operation S2-20min			speed	motor data at 3x400/230V, 50Hz			output acc. to DIN / ISO						weight
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-	
	min.	max.												
	Nm	Nm												
AB3	7	30	--	1,5	0,03	0,35	0,57	26	42	28	20	20	27**	16-18
				2,5	0,09	0,45	1,10							
				5	0,03	0,35	0,57							
				7,5	0,09	0,45	1,10							
				10										
				15										
				20										
				30	0,18	0,55	2,00							
				40										
				60										
				80										
		120*		0,37	1,10	5,40								
		160*												
200*														
AB5	7	60	--	1,5	0,03	0,35	0,57	26	42	28	20	20	27**	16-20
				2,5	0,09	0,45	1,10							
				5	0,06	0,50	0,90							
				7,5	0,09	0,45	1,10							
				10										
				15										
				20										
				30	0,18	0,55	2,00							
				40										
				60										
				80										
		120*		0,75	1,80	6,90								
		160*												
200*														
AB8	15	120	--	2,5	0,06	0,50	0,90	36	42	28	20	20	36**	24-35
				5	0,12	0,50	0,76							
				7,5	0,18	0,80	2,60							
				10										
				15										
				20										
				30	0,75	1,80	6,90							
				40										
				60										
				80										
				120*	1,50	3,50	17,30							
		160*												
		200*												
AB18	50	250	--	2,5	0,12	0,50	0,90	40	60	38	30	30	42**	42-50
				5	0,25	0,85	2,65							
				7,5	0,37	1,10	3,70							
				10										
				15										
				20										
				30	0,75	1,80	6,90							
				40										
				60										
				80										
				120*	1,50	3,50	17,30							
		160*												
		200*												
AB18	50	250	--	2,5	0,12	0,50	0,90	40	60	38	30	30	42**	42-50
				5	0,25	0,85	2,65							
				7,5	0,37	1,10	3,70							
				10										
				15										
				20										
				30	0,75	1,80	6,90							
				40										
				60										
				80										
				120*	3,00	6,60	28,70							
		160*												
		200*												

* actuator is not self-locking

** hexagonal across flats

*** weight dependent on motor power and actuator output

technical changes are subject to new developments

with this revision all other older versions are not valid anymore

Revision
01/2011

ACTUATORS AB-SERIES

TECHNICAL DATA

up to 5.000 Nm



type key:

no proof: empty

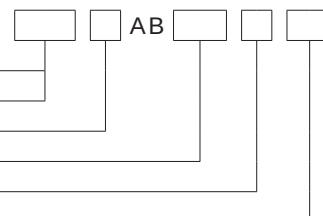
proof: ex

ON-OFF operation: empty

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



ON -OFF with 3-phase AC motor

design size	torque range mode of operation S2-20min			speed	motor data at 3x400/230V, 50Hz			output acc. to DIN / ISO						weight							
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-								
	min.	max.																			
	Nm	Nm													Nm						
AB40	50	500	--	5	0,55	1,70	4,90	52	60	38	30	30	---	70-80							
				7,5	0,70	1,90	7,60														
				10																	
				15																	
				20	1,50	1,90	7,60														
				30																	
				40																	
				60																	
		80																			
		120*	5,50	11,50	87,00																
160*																					
200*																					
AB80	500	800	--	5	0,55	1,70	4,90	52	60-F14 bzw. 80-F16	38	30	30	---	70-90							
				7,5	0,75	1,90	7,60														
				10																	
				15	3,00	6,60	28,70														
				20																	
				30	5,50	11,50	87,00														
				40																	
AB100	500	1000	--	5	0,75	2,50	8,00	95	80	47	40	40	---	130-210							
				7,5	1,50	3,75	15,00														
				10																	
				15	3,00	6,60	28,70														
				20																	
				30	5,50	11,50	87,00														
				40																	
				60																	
		80	9,00	18,00	125,00																
		120*																			
160*	11,00	21,00	135,00																		
200*	15,00	28,00	246,00																		
AB200	1000	2000	--	5	1,50	3,80	15,20	95	100	64	50	50	---	140-260							
				7,5	3,00	7,50	15,00														
				10																	
				15	5,50	11,50	87,00														
				20																	
				30	9,00	18,00	125,00														
				40																	
				60	15,00	28,00	246,00														
		80																			
		120*	22,00	43,50	330,00																
160*																					
200*																					
AB500	2000	5000	--	3	3,00	7,50	25,50	?	?	?	?	?	---	?							
				4,5	3,00	7,50	42,00														
				6	5,50	12,00	69,00														
				9	7,50	15,00	97,50														
				12	11,00	22,00	139,00														
				18	11,00	21,00	135,00														
				22,5	15,00	28,00	246,00														
				35																	
				45																	
				70*	22,00	43,50	330,00														
				95*																	
				120*																	
		4000																			

* actuator is not self-locking

** hexagonal across flats

*** weight dependent on motor power and actuator output

motor with blower - protection class IP66

technical changes are subject to new developments

with this revision all other older versions are not valid anymore

Revision
01/2011

ACTUATORS AB-SERIES

TECHNICAL DATA

up to 800 Nm



type key:

no proof: empty

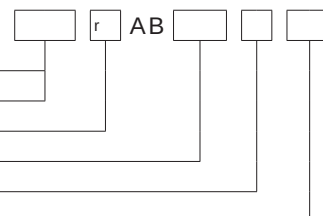
proof: ex

CONTROLLED operation: r

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



CONTROLLED with 3-phase AC motor

design size	torque range mode of operation: 1200c/h - at 40%duty cycle			speed	motor data at 3x400/230V, 50Hz			output acc. to DIN / ISO						weight
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-	
	min	max.												
	Nm	Nm												
rAB3	7	30	15	1,5	0,03	0,35	0,57	26	42	28	20	20	27**	16-18
				2,5	0,09	0,45	1,10							
				5	0,03	0,35	0,57							
				7,5	0,09	0,45	1,10							
				10										
				15										
				20										
				30	0,18	0,80	2,60							
40														
rAB5	7	60	30	1,5	0,03	0,35	0,57	26	42	28	20	20	27**	16-20
				2,5	0,09	0,45	1,10							
				5	0,06	0,50	0,90							
				7,5	0,09	0,45	1,10							
				10										
				15										
				20										
				30	0,37	1,10	3,70							
40														
rAB8	15	120	60	2,5	0,06	0,50	0,90	36	42	28	20	20	36**	24-35
				5	0,12	0,50	0,76							
				7,5	0,18	0,80	2,60							
				10										
				15										
				20										
				30	0,75	1,90	7,60							
				40										
rAB18	50	250	125	2,5	0,12	0,50	0,76	40	60	38	30	30	42**	42-50
				5	0,25	0,85	2,65							
				7,5	0,37	1,10	3,70							
				10										
				15										
				20										
				30	1,50	3,75	15,0							
				40										
rAB40	50	500	250	5	0,55	1,70	4,90	52	60	38	30	30	--	70-80
				7,5	0,75	1,90	7,60							
				10										
				15										
				20										
				30	3,00	7,50	42,00							
40														
rAB80	500	800	400	5	0,55	1,70	4,90	52	60-F14 bzw. 80-F16	38	30	30	---	70-90
				7,5	1,50	3,75	15,00							
				10										
				15										
			20											
			350	3,00	7,50	42,00								
			250											
			30											
40														

* actuator is not self-locking

** hexagonal across flats

*** weight dependent on motor power and actuator output

Technische Änderungen sind durch die konstruktive Weiterentwicklung vorbehalten.

Mit der Ausgabe dieses Dokuments verlieren frühere Versionen ihre Gültigkeit.

Revision
01/2011

ACTUATORS AB-SERIES

TECHNICAL DATA

up to 5.000 Nm



type key:

no proof: empty

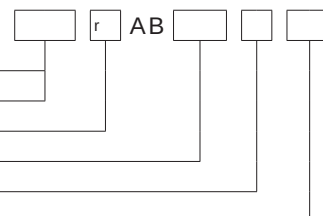
proof: ex

CONTROLLED operation: r

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



CONTROLLED with 3-phase AC motor

design size	torque range mode of operation: S4 1200c/h - at 40%duty cycle			speed	motor data at 3x400/230V, 50Hz			output acc. to DIN / ISO						weight
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-	
	min	max.												
	Nm	Nm												
				U/min	kW	A	A	mm	mm	mm	mm	mm	mm	kg
rAB100	500	1000	500	5	0,75	2,50	8,00	95	80	47	40	40	---	130-210
				7,5	1,50	3,75	15,00							
				10										
				15	3,00	7,50	42,00							
				20										
				30	5,50	12,00	69,00							
rAB200	1000	2000	1000	40				95	100	64	50	50	---	140-260
				5	1,50	3,80	15,20							
				7,5	3,00	7,50	42,0							
				10										
				15	5,50	12,00	69,00							
				20										
rAB500	2000	5000	2500	30	7,50	15,00	97,50	?	?	?	?	?	---	?
				40	11,00	22,00	139,00							
				3	3,00	7,50	25,50							
				4,5	5,50	12,00	69,00							
				6										
				9	7,50	15,00	97,50							
				12	11,00	22,00	139,00							

* actuator is not self-locking

** hexagonal across flats

*** weight depend on motor power and actuator output

motor with blower - protection class IP66

technical changes are subject to new developments

with this revision all other older versions are not valid anymore

Revision
01/2011

ACTUATORS AB-SERIES

TECHNICAL DATA

up to 250 Nm



type key:

no proof: empty

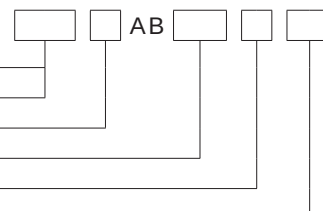
proof: ex

ON-OFF operation: empty

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



ON -OFF with 1-phase AC motor 1x230VAC,50Hz

design size	torque range mode of operation S2-15min			speed	motor data at 1x230VAC, 50Hz			output acc. to DIN / ISO						weight
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-	
	min.	max.												
	Nm	Nm												
AB3	7	30	--	1,5	0,12	1,30	1,90	26	42	28	20	20	27**	16-18
				2,5	0,09	1,05	1,55							
				5	0,12	1,30	1,90							
				7,5	0,09	1,05	1,55							
				10										
				15										
				20	0,18	1,45	3,50							
				30	0,25	1,90	5,00							
				40										
				60										
				80	0,55	3,60	11,50							
				120*										
160*														
200*														
AB5	7	60	--	1,5	0,12	1,30	1,90	26	42	28	20	20	27**	16-20
				2,5	0,09	1,05	1,55							
				5	0,12	1,30	1,90							
				7,5	0,09	1,05	1,55							
				10	0,18	1,45	3,50							
				15	0,18	1,45	3,50							
				20	0,37	2,80	7,70							
				30	0,55	3,60	11,50							
				40										
				60										
				80	1,10	6,90	24,65							
				120*										
				160*										
				200*										
AB8	15	120	--	2,5	0,12	1,30	1,90	36	42	28	20	20	36**	24-35
				5	0,18	1,45	3,50							
				7,5	0,37	2,80	7,70							
				10	0,55	3,60	11,50							
				15										
				20										
		30		1,10	6,90	24,65								
		40												
		60												
		80												
		120*												
		160*												
		200*												
AB18	50	250	--	2,5	0,25	2,10	4,00	40	60	38	30	30	42**	42-50
				5	0,37	2,80	7,70							
				7,5										
				10										
				15	0,75	5,00	14,50							
		20		1,10	6,90	24,65								
		30												
		40												
		60												
		80												
		120*												
		160*												
		200*												

* actuator is not self-locking

** hexagonal across flats

*** weight dependent on motor power and actuator output

technical changes are subject to new developments

with this revision all other older versions are not valid anymore

Revision
01/2011

ACTUATORS AB-SERIES

TECHNICAL DATA

up to 500 Nm



type key:

no proof: empty

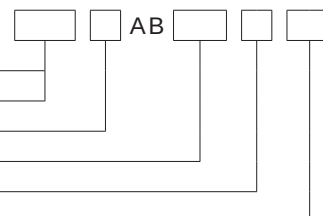
proof: ex

ON-OFF operation: empty

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



ON -OFF with 1-phase AC motor 1x230VAC,50Hz

design size	torque range mode of operation S2-15min			speed	motor data at 1x230VAC, 50Hz			output acc. to DIN / ISO						weight
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-	
	min.	max.												
	Nm	Nm												
AB40	50	500	--	5	0,55	4,30	8,80	52	60	38	30	30	---	70-80
				7,5	0,75	5,00	14,50							
				10	0,75	5,50	18,50							
				15										
		330		20	1,10	6,90	24,65							
		340		30										
		230		40										
		180		60										
		120		80										
		90		120*										
		100		160*										
		75		200*										
		60												

* actuator is not self-locking

** hexagonal across flats

*** weight dependend on motor power and actuator output

technical changes are subject to new developments

with this revision all other older versions are not valid anymore

Revision
01/2011

ACTUATORS AB-SERIES

TECHNICAL DATA

up to 360 Nm



type key:

no proof: empty

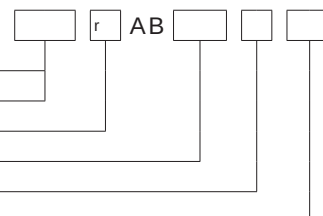
proof: ex

CONTROLLED operation: r

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



CONTROLLED with 1-phase AC motor 1x230VAC,50Hz

design size	torque range mode of operation: 1200c/h - at 40%duty cycle			speed	motor data at 1x230V, 50Hz			output acc. to DIN / ISO						weight									
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-										
	min	max.																					
	Nm	Nm													Nm	U/min	kW	A	A	mm	mm	mm	mm
rAB3	7	30	15	1,5	0,12	1,30	1,90	26	42	28	20	20	27**	16-18									
				2,5	0,09	1,05	1,55																
				5	0,12	1,30	1,90																
				7,5	0,09	1,05	1,55																
				10																			
				15	0,18	1,00	4,00																
				20	0,37	3,00	8,00																
				30	0,25	2,00	5,00																
rAB5	7	60	30	40	0,55	4,00	12,00	26	42	28	20	20	27**	16-20									
				1,5	0,12	1,30	1,90																
				2,5	0,09	1,05	1,55																
				5	0,12	1,30	1,90																
				7,5	0,18	1,45	3,50																
				10	0,37	2,80	7,70																
				15	0,37	3,00	8,00																
				20	0,75	5,00	15,00																
rAB8	15	120	60	30	1,10	7,00	25,00	36	42	28	20	20	36**	24-35									
				2,5	0,12	1,30	1,90																
				5	0,25	2,10	4,00																
				7,5	0,37	2,80	7,70																
				10	0,75	5,00	14,50																
				15	0,75	5,50	18,50																
				20	1,10	6,90	24,65																
				85																			
70	60	40																					
rAB18	50	250	125	2,5	0,25	2,10	4,00	40	60	38	30	30	42**	42-50									
				5	0,55	4,30	8,80																
				7,5	0,75	5,50	18,50																
				10																			
				15																			
				190	125	20	1,10								6,90	24,65							
				135	135																		
				85	85	30																	
70	70	40																					
rAB40	50	280	280	5	0,55	4,30	8,80	52	60	38	30	30	--	70-80									
				7,5	0,75	5,50	18,50																
				10																			
				15																			
				190	190	20	1,10								6,90	24,65							
				135	135																		
				85	85	30																	
				70	70	40																	

* actuator is not self-locking

** hexagonal across flats

*** weight dependent on motor power and actuator output

technical changes are subject to new developments

with this revision all other older versions are not valid anymore

Revision
01/2011



ACTUATORS AB-SERIES

TECHNICAL DATA

up to 250 Nm



type key:

no proof: empty

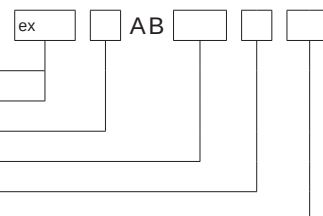
-proof: ex

ON-OFF operation: empty

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



ON -OFF with 3-phase AC motor acc. to ATEX 94/9/EG

design size	torque range mode of operation S2-15min			speed	motor data at 3x400/230V, 50Hz			output acc. to DIN / ISO						weight
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-	
	min.	max.												
	Nm	Nm												
exAB3	7	30	--	1,5	0,12	0,57	1,40	26	42	28	20	20	27**	16-18
				2,5	0,09	0,36	1,00							
				5	0,12	0,57	1,40							
				7,5	0,09	0,36	1,00							
				10										
				15										
				20										
				30	0,37	1,00	5,30							
				40										
				60										
				80										
				120*										
				160*										
200*	0,55	1,35	8,60											
exAB5	7	60	--	1,5	0,12	0,57	1,40	26	42	28	20	20	27**	16-20
				2,5	0,09	0,36	1,00							
				5	0,12	0,57	1,40							
				7,5	0,09	0,36	1,00							
				10										
				15										
				20										
				30	0,37	1,00	5,30							
				40										
				60										
				80										
				120*	0,55	1,35	8,60							
		160*												
200*	1,10	2,43	15,0											
exAB8	15	120	--	2,5	0,12	0,57	1,40	36	42	28	20	20	36**	24-35
				5	0,18	0,58	2,10							
				7,5										
				10										
				15										
				20										
				30	0,37	1,25	4,30							
				40										
				60										
				80										
				120*										
				160*	0,55	1,35	8,60							
		200*												
40	1,10	2,43	15,00											
60														
80														
120*														
160*														
200*														
1,50	3,07	13,80												
exAB18	50	250	--	2,5	0,12	0,57	1,40	40	60	38	30	30	42**	42-50
				5	0,37	1,2	4,70							
				7,5	0,37	1,25	4,30							
				10										
				15										
				20										
				30	1,10	2,43	15,00							
				40										
				60										
				80										
				120*										
				160*										
		200*		3,0	6,4	35,00								

* actuator is not self-locking

** hexagonal across flats

*** weight dependent on motor power and actuator output

technical changes are subject to new developments

with this revision all other older versions are not valid anymore

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ACTUATORS AB-SERIES TECHNICAL DATA

up to 2.000 Nm



type key:

no proof: empty

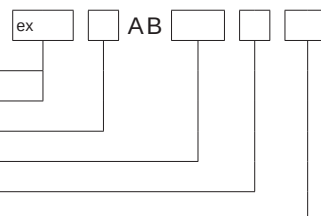
-proof: ex

ON-OFF operation: empty

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



ON -OFF with 3-phase AC motor acc. to ATEX 94/9/EG

design size	torque range mode of operation S2-15min			speed	motor data at 3x400/230V, 50Hz			output acc. to DIN / ISO						weight
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-	
	min.	max.												
	Nm	Nm												
ex AB40	50	500	--	5	0,55	1,67	6,00	52	60	38	30	30	---	70-80
				7,5	0,75	2,10	12,00							
				10										
				15	1,50	4,40	21,50							
				20										
				30	3,00	6,40	35,00							
				40										
				60	4,00	7,63	48,80							
		80												
		120*		5,50	10,90	59,00								
160*														
200*	7,50	13,80	64,90											
ex AB80	500	800	--	5				52	60-F14 bzw. 80-F16	38	30	30	---	70-90
				7,5										
				10										
				15										
				20										
				30										
				40										
ex AB100	500	1000	--	5				95	80	47	40	40	---	130-210
				7,5										
				10										
				15										
				20										
				30										
				40										
				60										
		80												
		120*												
		160*												
		200*												
ex AB200	1000	2000	--	5				95	100	64	50	50	---	140-260
				7,5										
				10										
				15										
				20										
				30										
				40										
				60										
		80												
		120*												
		160*												
		200*												
		1400		5										
				7,5										
				10										
				15										



ACTUATORS AB-SERIES

TECHNICAL DATA

up to 800 Nm



type key:

no proof: empty

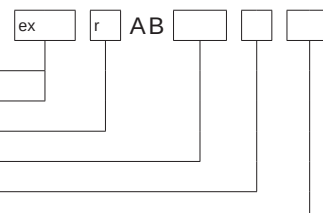
-proof: ex

CONTROLLED operation: r

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



CONTROLLED with 3-phase AC motor acc. to ATEX 94/9/EG

design size	torque range mode of operation: S4 600c/h - 40%duty cycle			speed	motor data at 3x400/230V, 50Hz			output acc. to DIN / ISO						weight	
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-		
	min.	max.													
	Nm	Nm													Nm
exrAB3	7	30	15	1,5	0,12	0,57	1,40	26	42	28	20	20	27**	16-18	
				2,5	0,09	0,36	1,00								
				5	0,12	0,57	1,40								
				7,5	0,09	0,36	1,00								
				10											
				15											
				20											
				30	0,18	0,58	2,10								
40															
exrAB5	7	60	30	1,5	0,12	0,57	1,40	26	42	28	20	20	27**	16-20	
				2,5	0,09	0,36	1,00								
				5	0,12	0,57	1,40								
				7,5	0,09	0,36	1,00								
				10											
				15											
				20											
				30	0,18	0,58	2,10								
40	0,37	1,25	4,30												
exrAB8	15	120	60	2,5	0,12	0,57	1,40	36	42	28	20	20	36**	24-35	
				5											
				7,5	0,18	0,58	2,10								
				10											
				15											
				20											
				30	0,37	1,25	4,30								
				40											0,75
exrAB18	50	250	125	2,5	0,12	0,57	1,40	40	60	38	30	30	42**	42-50	
				5											
				7,5	0,18	0,58	2,10								
				10											
				15											
				20											
				30	0,75	2,10	12,0								
				40											
exrAB40	50	500	250	5	0,55	1,67	6,00	52	60	38	30	30	--	70-80	
				7,5											0,75
				10											
				15											
				20											
				30	3,00	5,41	27,60								
				40											3,00
				exrAB80	500	800	400								5
7,5															
10															
15															
20															
30															
350															
250	40														

* actuator is not self-locking

** hexagonal across flats

*** weight dependent on motor power and actuator output

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ACTUATORS AB-SERIES

TECHNICAL DATA

up to 2.000 Nm



type key:

no proof: empty

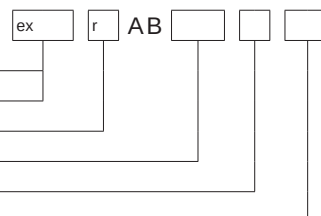
-proof: ex

CONTROLLED operation: r

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



CONTROLLED with 3-phase AC motor acc. to ATEX 94/9/EG

design size	torque range mode of operation: S4 600c/h - 40%ED			speed	motor data at 3x400/230V, 50Hz			output acc. to DIN / ISO						weight
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-	
	min.	max.												
	Nm	Nm												
ex rAB100	500	1000	500	5				95	80	47	40	40	---	130-210
				7,5										
				10										
				15										
				20										
				30										
				40										
ex rAB200	1000	2000	1000	5				95	100	64	50	50	---	140-260
				7,5										
				10										
				15										
				20										
				30										
				40										

* actuator is not self-locking

** hexagonal across flats

*** weight dependend on motor power and actuator output

technical changes are subject to new developments

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ACTUATORS AB-SERIES

TECHNICAL DATA

up to 120 Nm



type key:

no proof: empty

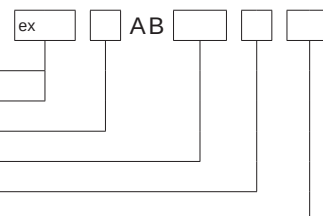
-proof: ex

ON-OFF operation: empty

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



ON -OFF with AC motor 1x230VAC,50Hz acc. to ATEX 94/9/EG

design size	torque range mode of operation S2-15min			speed	motor data at 1x230VAC, 50Hz			output acc. to DIN / ISO						weight
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-	
	min.	max.												
	Nm	Nm												
exAB3	7	30	--	1,5	0,12	1,30	1,97	26	42	28	20	20	27**	16-18
				2,5	0,25	2,10	4,80							
				5	0,12	0,57	1,40							
				7,5	0,25	2,10	4,80							
				10										
				15										
				20										
				30										
				40										
				60	0,75	4,85	15,40							
80														
120*														
exAB5	7	60	--	1,5	0,12	1,30	1,97	26	42	28	20	20	27**	16-20
				2,5	0,25	2,10	4,80							
				5	0,12	0,57	1,40							
				7,5	0,25	2,10	4,80							
				10										
				15										
				20										
				30	0,75	4,85	15,40							
				40										
				60										
exAB8	15	120	--	2,5	0,12	1,30	1,97	36	42	28	20	20	36**	24-35
				5										
				7,5	0,25	2,10	4,80							
				10										

* actuator is not self-locking

** hexagonal across flats

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ACTUATORS AB-SERIES

TECHNICAL DATA

up to 120 Nm



type key:

no proof: empty

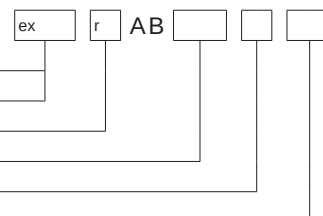
-proof: ex

CONTROLLED operation: r

design size: 3,5,8,18,40,80,100,200

output actuator

actuator speed in r/min



CONTROLLED with AC motor 1x230VAC,50Hz acc. to ATEX 94/9/EG

design size	torque range mode of operation: S4 600c/h - 40%duty cycle			speed	motor data at 1x230V, 50Hz			output acc. to DIN / ISO						weight
	torque		torque for control max.		power	nominal current	starting current	A/Am	B/B1,B2	C/-	D/DO	E/B3, B4	S/-	
	min.	max.												
	Nm	Nm												
exrAB3	7	30	15	1,5	0,12	1,30	1,97	26	42	28	20	20	27**	16-18
				2,5	0,25	2,10	4,80							
				5	0,12	1,30	1,97							
				7,5	0,25	2,10	4,80							
				10										
				15										
				20										
				30										
exrAB5	7	60	30	1,5	0,12	1,30	1,97	26	42	28	20	20	27**	16-20
				2,5	0,25	2,10	4,80							
				5	0,12	1,30	1,97							
				7,5	0,25	2,10	4,80							
				10										
				15										
				20										
				30										
exrAB8	15	120	60	2,5	0,12	1,30	1,97	36	42	28	20	20	36**	24-35
				5										
				7,5	0,25	2,10	4,80							
				10										

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