

Quarter turn actuators DFPB

FESTO



Quarter turn actuators DFPB

Key features

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General

- The DFPB quarter turn actuator is a rack and pinion combination that converts the linear movement of the shaft. Quarter turn actuators based on this principle exhibit an identical torque characteristic across the entire rotation angle range of 90°.

Function

- In addition to the ISO 5211 interface, all of the quarter turn actuators in the DFPB series have a so-called pressure relief slot at either end. This enables the DFPB to be mounted on all process valves regardless of whether or not the process valve features this slot, which is a requirement for the chemical industry. This greatly increases the applications of the process valves
- Standards-based (VDI/VDE 3845) hole patterns 30/80 as standard for direct mounting of a range of common peripheral devices such as sensor boxes for end position display and controllers for accurate positioning

Design

- Compact design
- One housing for double and single-acting actuators
- Constant torque characteristic
- Long service life, low wear thanks to an innovative pressure-dependent lip seal
- The pressure relief slot in the housing means that all process valves can be used in the chemical industry, regardless of whether or not the process valve flange features this slot
- Operation with clockwise and anti-clockwise rotation thanks to the process valve connection to ISO 5211 on both sides

Easy to clean

- Resistant to conventional cleaning agents
- Sturdy, non-slip and easy-to-clean aluminium housing offers greater safety even in corrosive atmospheres
- No countersunk holes, radii as per FDA directive
- Increased corrosion protection

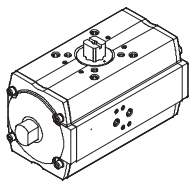
Easy to mount

- Flexible attachment options thanks to choice of mounting adapters as accessory
- Extremely fine torque gradation for optimum adaptation to the process valve
- The DFPB actuator series is maintenance-free. When changing the seal, only 1 Allen key is needed to dismantle the entire actuator

Variants

DFPB-...

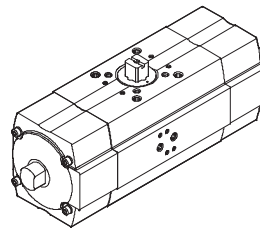
Double-acting



A spare part kit is available for each size of the quarter turn actuator DFPB. This includes all wearing parts such as seals, O-rings, slip bands and bearings needed to repair a DFPB.

DFPB-...-S

Single-acting

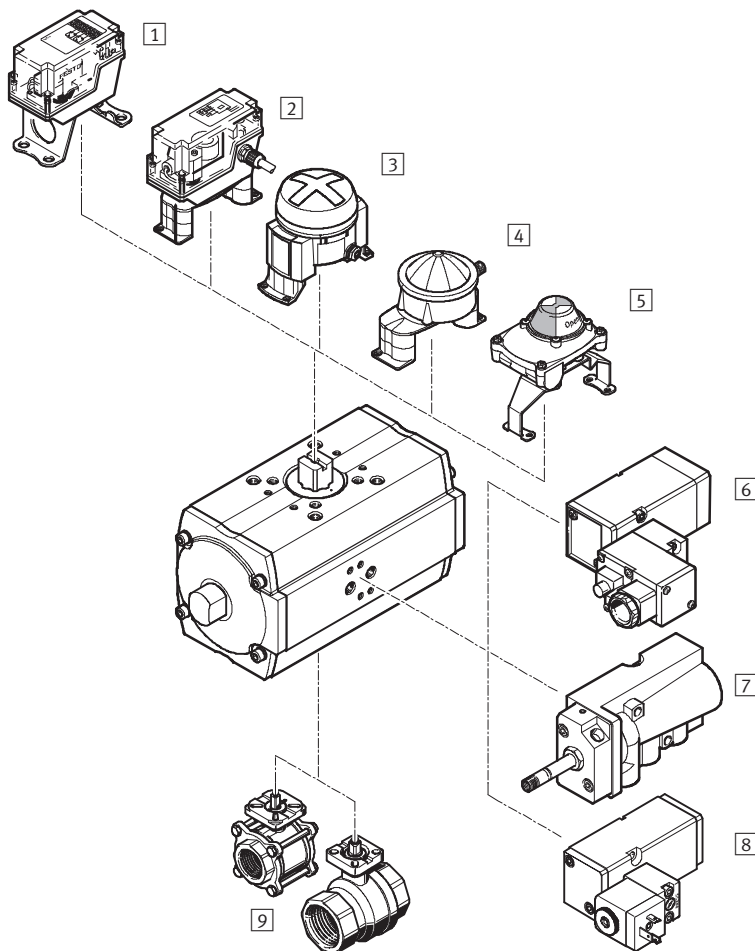


The single-acting actuators are each available with 4 different spring types S3-S6 for adapting to 4 pressure levels from 3 ... 6 bar.

Quarter turn actuators DFPB

Peripherals overview

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Mounting attachments and accessories		
	Brief description	→ Page/Internet
1	Limit switch attachment QH-DR-E	Square design, pneumatic, electrical or inductive sensing qh-dr-e
2	Limit switch attachment DAPZ	Square design, electrical, electrically explosion-proof or inductive sensing dapz
3	Limit switch attachment DAPZ	Round design, variant AR, electrical, inductive or inductively explosion-proof sensing dapz
4	Limit switch attachment DAPZ	Round design, variant RO, electrical, inductive or inductive Namur sensing dapz
5	End-position sensing attachment SRBF	Square design Sensing via two mechanical switches srbf
6	Solenoid valve MFH	Basic valve with pilot control valve for F solenoid coil, port pattern to Namur mfh
	Solenoid valve MN1H	Basic valve with pilot control valve for N1 solenoid coil, port pattern to Namur mn1h
	Solenoid valve MGTBH	Basic valve with pilot control valve, solenoid coil and socket, port pattern to Namur mgtbh
7	Solenoid valve NVF3	For F solenoid coil and explosion-proof F solenoid coil, port pattern to Namur nvf3
8	Solenoid valve VSNB	Solenoid valve with solenoid coil, port pattern to Namur vsnb
9	Ball valve VAPB	Brass or stainless steel, corrosion-resistant vapb

Quarter turn actuators DFPB

Type codes

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		DFPB	-	10	-	90	-	S	-	3	-	F03
--	--	------	---	----	---	----	---	---	---	---	---	-----

Type	
DFPB	Quarter turn actuator

Size [Nm]	
10	Size 10
20	Size 20
30	Size 30
45	Size 45
65	Size 65
80	Size 80
120	Size 120
170	Size 170
230	Size 230
300	Size 300
370	Size 370
470	Size 470
550	Size 550
670	Size 670
840	Size 840
1050	Size 1050

Swivel angle [°]	
------------------	--

Function	
-	Double-acting
S	Single-acting quarter turn actuator

Spring index	
3	
4	
5	
6	

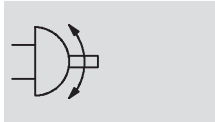
Flange pattern	
F03	Hole pattern F03
F04	Hole pattern F04
F05	Hole pattern F05
F0507	Hole pattern F05 and F07
F0710	Hole pattern F07 and F10

Quarter turn actuators DFPB, double-acting

Technical data

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Function



 Swivel angle
0 ... 90°



 Size
10 ... 1050

 Torque
7 ... 270 Nm

General technical data								
Size	10	20	30	45	65	80	120	170
Flange hole pattern	F03	F04		F05			F0507	F0710
Pneumatic connection	G $\frac{1}{8}$							
Constructional design	Rack and pinion							
Mode of operation	Double-acting							
Mounting position	Any							
Swivel angle [°]	90							
End position adjustment range [°]	-4 ... +4							
Closing direction	Any							
Position sensing	No							
Cushioning	No							

Size	230	300	370	470	550	670	840	1050
Flange hole pattern	F0710		F1012				F14	
Pneumatic connection	G1/8		G1/4					
Constructional design	Rack and pinion							
Mode of operation	Double-acting							
Mounting position	Any							
Swivel angle [°]	90							
End position adjustment range [°]	−4 ... +4							
Closing direction	Any							
Position sensing	No							
Cushioning	No							

Quarter turn actuators DFPB, double-acting

Technical data

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Ambient conditions								
Size	10	20	30	45	65	80	120	170
Operating pressure [bar]	1 ... 8							
Nominal operating pressure [bar]	5.6							
Operating medium	Dried, filtered compressed air							
Ambient temperature ¹⁾ [°C]	-20 ... +80							
Corrosion resistance class CRC ²⁾	3							
CE mark (see declaration of conformity) → www.festo.com	EU explosion protection directive (ATEX)							
ATEX category gas	II 2G							
Explosion ignition protection type gas	c T4							
ATEX category dust	II 2D							
Explosion ignition protection type dust	c 125°C							
Explosion-proof ambient temperature ¹⁾	-20°C ≤ Ta ≤ +80°C							

Size	230	300	370	470	550	670	840	1050
Operating pressure [bar]	1 ... 8							
Nominal operating pressure [bar]	5.6							
Operating medium	Dried, filtered compressed air							
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ATEX category gas	II 2G							
Explosion ignition protection type gas	c T4							
ATEX category dust	II 2D							
Explosion ignition protection type dust	c 125°C							
Explosion-proof ambient temperature ¹⁾	-20°C ≤ Ta ≤ +80°C							

1) Note operating range of proximity sensors.

2) Corrosion resistance class 3 as per Festo standard 940 070

Components requiring higher corrosion resistance. External visible parts in direct contact with industrial atmospheres or media such as solvents and cleaning agents, with a predominantly functional requirement for the surface.

Air consumption [l/cycle] at 6 bar			
Size		Size	
DFPB-10	0.18	DFPB-230	4.72
DFPB-20	0.45	DFPB-300	6.07
DFPB-30	0.62	DFPB-370	7.45
DFPB-45	0.89	DFPB-470	9.31
DFPB-65	1.33	DFPB-550	10.9
DFPB-80	1.66	DFPB-670	13.4
DFPB-120	2.42	DFPB-840	16.6
DFPB-170	3.5	DFPB-1050	20.7

Quarter turn actuators DFPB, double-acting

Technical data

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Weight [g]								
Size	10	20	30	45	65	80	120	170
Product weight	500	1,000	1,300	1,700	2,200	2,600	4,200	5,200

Size	230	300	370	470	550	670	840	1050
Product weight	7,100	7,800	12,900	14,200	18,600	20,400	30,500	32,200

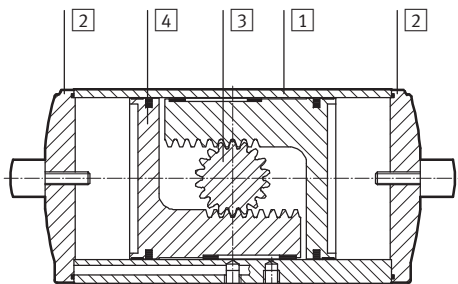
Actual torque [Nm]								
Size	10	20	30	45	65	80	120	170
Torque ¹⁾	7	18	29	38	53	71	106	154

Size	230	300	370	470	550	670	840	1050
Torque ¹⁾	210	270	323	402	502	598	793	945

¹⁾Torque at nominal operating pressure and 0° swivel angle

Materials

Sectional view

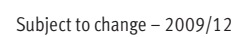


Quarter turn actuator		
1	Housing	Anodised aluminium
2	End cap	Die-cast aluminium, coated
3	Shaft	Anodised aluminium
4	Piston	Die-cast aluminium
–	Screws	High-alloy stainless steel
–	Seals	Polyurethane, nitrile rubber

Technical data

Dimensions

Download CAD data ➔ www.festo.com



Quarter turn actuators DFPB, double-acting

Technical data

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Size	B1	B2	B3	B4	B5	B6	B7	D1 Ø	D2 Ø	D3 Ø	D4	D5	D6	D7	EE
DFPB-10	50	30	32	4	24	12	4	-	36	12.1	M5	-	M5	M6	G 1/8
DFPB-20	66								42	14.1					
DFPB-30	79.5								50	18.1	M6				
DFPB-45															
DFPB-65	96.5							50	18.1	M6					
DFPB-80															
DFPB-120	120							50	70	22.2	M8	M6			
DFPB-170															
DFPB-230	145							70	102	28.2	M10	M8			
DFPB-300															
DFPB-370	169			102				125	36.2	M12	M10				G 1/4
DFPB-470															
DFPB-550	193														
DFPB-670															
DFPB-840	228														
DFPB-1050															

Size	H1	H2	H3	L1	L2	L3	T1	T2	T3	T4	T5	W1	W2	≈C1	≈C2
							min.	min.	min.						
DFPB-10	49	45	19.5	111	135	80	10	8	-	8	12	90°	45°	9	11
DFPB-20	65	49		130.6	154.6		12							11	17
DFPB-30	83			126.2	157.8		16	9						14	
DFPB-45				152	183.6										
DFPB-65	100	159.3		190	19		12	9	17						
DFPB-80		183.6		215.2											
DFPB-120	126	56		181.4	224.4		24	15	12					23	
DFPB-170				231.5	274.5										
DFPB-230	156	70		234.2	277.2		29	18	15					27	
DFPB-300				265.1	308.1										
DFPB-370	176	74		299.2	345.2		23	20	20					30	
DFPB-470				335.6	381.6										
DFPB-550	202	89.6		343.3	400.3		38	24	-					36	46
DFPB-670				380.6	437.6										
DFPB-840	228	112		416.2	502.2										
DFPB-1050			479.7	565.7											

Quarter turn actuators DFPB, double-acting

Technical data

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Ordering data			
Part No.	Type	Part No.	Type
Size 10		Size 230	
557 539	DFPB-10-090-F03	557 547	DFPB-230-090-F0710
Size 20		Size 300	
557 540	DFPB-20-090-F04	557 548	DFPB-300-090-F0710
Size 30		Size 370	
557 541	DFPB-30-090-F04	557 611	DFPB-0370-090-F1012 
Size 45		Size 470	
557 542	DFPB-45-090-F05	557 612	DFPB-0470-090-F1012 
Size 65		Size 550	
557 543	DFPB-65-090-F05	557 613	DFPB-0550-090-F1012 
Size 80		Size 670	
557 544	DFPB-80-090-F05	557 614	DFPB-0670-090-F1012 
Size 120		Size 840	
557 545	DFPB-120-090-F0507	557 615	DFPB-0840-090-F14 
Size 170		Size 1050	
557 546	DFPB-170-090-F0710	557 616	DFPB-1050-090-F14 

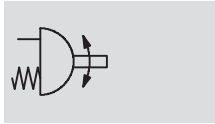
Ordering data – Wearing parts kits			
Part No.	Type	Part No.	Type
Size 10		Size 230	
737 036	DFPB-10-090	737 044	DFPB-230/S110-090
Size 20		Size 300	
737 037	DFPB-20-090	737 045	DFPB-300/S150-090
Size 30		Size 370	
737 038	DFPB-30-090	737 046	DFPB-370/S180-090
Size 45		Size 470	
737 039	DFPB-45/S20-090	737 047	DFPB-470/S230-090
Size 65		Size 550	
737 040	DFPB-65/S30-090	737 048	DFPB-550/S270-090
Size 80		Size 670	
737 041	DFPB-80/S40-090	737 049	DFPB-670/S330-090
Size 120		Size 840	
737 042	DFPB-120/S60-090	737 050	DFPB-840/S420-090
Size 170		Size 1050	
737 043	DFPB-170/S80-090	737 051	DFPB-1050/S520-090

Quarter turn actuators DFPB, single-acting

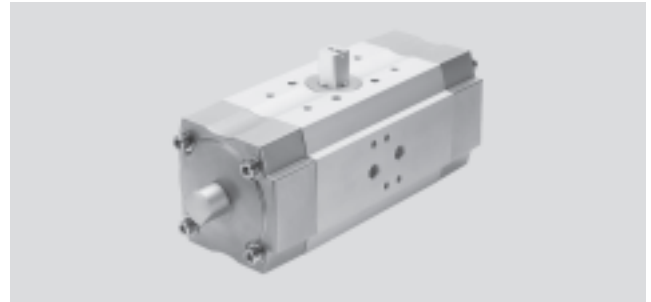
Technical data

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Function



 Swivel angle
0 ... 90°



 Size
20-S ... 520-S

 Torque
5.92 ... 99 Nm

General technical data							
Size	20-S	30-S	40-S	60-S	80-S	110-S	150-S
Flange hole pattern	F05			F0507	F0710		
Pneumatic connection	G1/8						
Constructional design	Rack and pinion						
Mode of operation	Single-acting						
Mounting position	Any						
Swivel angle [°]	90						
End position adjustment range [°]	-4 ... +4						
Closing direction	Any						
Position sensing	No						
Cushioning	No						

Size	180-S	230-S	270-S	330-S	420-S	520-S
Flange hole pattern	F1012				F14	
Pneumatic connection	G1/4					
Constructional design	Rack and pinion					
Mode of operation	Single-acting					
Mounting position	Any					
Swivel angle [°]	90					
End position adjustment range [°]	-4 ... +4					
Closing direction	Any					
Position sensing	No					
Cushioning	No					

Quarter turn actuators DFPB, single-acting

Technical data

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Ambient conditions								
Size		20-S	30-S	40-S	60-S	80-S	110-S	150-S
Operating pressure ¹⁾	[bar]	≤ 8						
Nominal operating pressure	[bar]	5.6						
Operating medium		Dried, filtered compressed air						
Ambient temperature ²⁾	[°C]	−20 ... +80						
Corrosion resistance class CRC ³⁾		3						
CE mark (see declaration of conformity)		EU explosion protection directive (ATEX)						
➔ www.festo.com								
ATEX category gas		II 2G						
Explosion ignition protection type gas		c T4						
ATEX category dust		II 2D						
Explosion ignition protection type dust		c 125°C						
Explosion-proof ambient temperature ²⁾		−20°C ≤ Ta ≤ +80°C						

Size		180-S	230-S	270-S	330-S	420-S	520-S
Operating pressure ¹⁾	[bar]	≤ 8					
Nominal operating pressure	[bar]	5.6					
Operating medium		Dried, filtered compressed air					
Ambient temperature ²⁾	[°C]	-20 ... +80					
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→ www.festo.com							
ATEX category gas		II 2G					
Explosion ignition protection type gas		c T4					
ATEX category dust		II 2D					
Explosion ignition protection type dust		c 125°C					
Explosion-proof ambient temperature ²⁾		-20°C ≤ Ta ≤ +80°C					

1) Minimum operating pressures vary for single-acting quarter turn actuators depending on spring quantity

2) Note operating range of proximity sensors.

3) Corrosion resistance class 3 as per Festo standard 940 070

Components requiring higher corrosion resistance. External visible parts in direct contact with industrial atmospheres or media such as solvents and cleaning agents, with a predominantly functional requirement for the surface.

Air consumption [l/cycle] at 6 bar					Size	
Size					Size	
DFPB-20-S	0.44				DFPB-180-S	3.72
DFPB-30-S	0.66				DFPB-230-S	4.65
DFPB-40-S	0.83				DFPB-270-S	5.47
DFPB-60-S	1.21				DFPB-330-S	6.69
DFPB-80-S	1.75				DFPB-420-S	8.29
DFPB-110-S	2.36				DFPB-520-S	10.4
DFPB-150-S	3.04					

Quarter turn actuators DFPB, single-acting

Technical data

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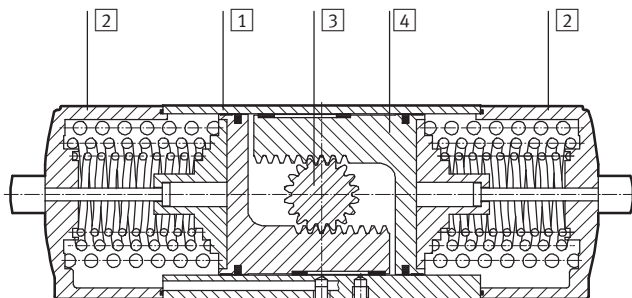
Weight [g]							
Size	20-S	30-S	40-S	60-S	80-S	110-S	150-S
Product weight ¹⁾	3,100	4,400	5,200	8,800	10,700	16,700	18,800

Size	180-S	230-S	270-S	330-S	420-S	520-S
Product weight ¹⁾	34,200	28,700	50,500	49,800	76,100	92,200

1) S6 version

Materials

Sectional view



Quarter turn actuator		
1	Housing	Wrought aluminium alloy
2	End cap	Die-cast aluminium, coated
3	Shaft	Anodised aluminium
4	Piston	Die-cast aluminium
-	Springs	Steel
-	Screws	High-alloy stainless steel
-	Seals	Nitrile rubber

Quarter turn actuators DFPB, single-acting

Technical data

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Actual torque [Nm] as a function of operating pressure [bar] and swivel angle [°]						
Type	Nominal swivel angle	Springs	Operating pressure [bar]			
Springs	[°]		3	4	5	6
Size DFPB 20-S						
3	0	12.1	12	20	28.1	36.1
	90	18.2	5.92	14	22	30
4	0	16.2	–	16	24	32.1
	90	24.2	–	7.9	15.9	24
5	0	20.2	–	–	20	28
	90	30.3	–	–	9.87	17.9
6	0	24.2	–	–	–	24
	90	36.4	–	–	–	11.8
Size DFPB 30-S						
3	0	18.1	16.7	28.3	39.9	51.5
	90	27.1	7.68	19.3	30.9	42.5
4	0	24.1	–	22.3	33.9	45.5
	90	36.2	–	10.2	21.8	33.5
5	0	30.2	–	–	27.9	39.5
	90	45.2	–	–	12.8	24.4
6	0	36.2	–	–	–	33.5
	90	54.3	–	–	–	15.4
Size DFPB 40-S						
3	0	22.6	20.2	34.5	48.8	63.1
	90	33.9	8.93	23.2	37.5	51.8
4	0	30.2	–	27	41.3	55.6
	90	45.2	–	11.9	26.2	40.5
5	0	37.7	–	–	33.7	48
	90	56.6	–	–	14.9	29.2
6	0	45.2	–	–	–	40.5
	90	67.9	–	–	–	17.9
Size DFPB 60-S						
3	0	33	31.3	52.7	74.2	95.6
	90	49.5	14.8	36.2	57.7	79.1
4	0	44	–	41.7	63.2	84.6
	90	66	–	19.7	41.2	62.6
5	0	55	–	–	52.2	73.6
	90	82.5	–	–	24.7	46.1
6	0	66	–	–	–	62.6
	90	99	–	–	–	29.6

Quarter turn actuators DFPB, single-acting

Technical data

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Actual torque [Nm] as a function of operating pressure [bar] and swivel angle [°]						
Type	Nominal swivel angle	Springs	Operating pressure [bar]			
Springs	[°]		3	4	5	6
Size DFPB 80-S						
3	0	47.7	43.4	73.7	104	134
	90	71.6	19.5	49.9	80.2	111
4	0	63.6	–	57.8	88.2	119
	90	95.4	–	26	65.4	86.7
5	0	79.5	–	–	72.3	103
	90	119	–	–	32.5	62.9
6	0	95.4	–	–	–	86.7
	90	143	–	–	–	39
Size DFPB 110-S						
3	0	64.3	58.9	100	141	182
	90	96.5	26.7	67.8	109	150
4	0	85.8	–	78.5	120	161
	90	129	–	35.6	76.7	118
5	0	107	–	–	98.1	139
	90	161	–	–	44.4	85.5
6	0	129	–	–	–	118
	90	193	–	–	–	53.3
Size DFPB 150-S						
3	0	82.8	77.9	131	185	239
	90	124	36.5	90	144	197
4	0	110	–	104	157	211
	90	166	–	48.6	102	156
5	0	138	–	–	130	183
	90	207	–	–	60.8	114
6	0	166	–	–	–	156
	90	249	–	–	–	72.9

Quarter turn actuators DFPB, single-acting

Technical data

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Actual torque [Nm] as a function of operating pressure [bar] and swivel angle [°]						
Type	Nominal swivel angle	Springs	Operating pressure [bar]			
Springs	[°]		3	4	5	6
Size DFPB 180-S						
3	0	102	97	163	229	295
	90	152	46	112	178	244
4	0	135	–	129	195	261
	90	203	–	61	127	193
5	0	169	–	–	161	227
	90	254	–	–	76	142
6	0	203	–	–	–	193
	90	305	–	–	–	92
Size DFPB 230-S						
3	0	127	125	209	293	377
	90	190	61	145	229	313
4	0	169	–	166	250	334
	90	254	–	82	166	250
5	0	212	–	–	208	292
	90	317	–	–	102	186
6	0	254	–	–	–	250
	90	381	–	–	–	123
Size DFPB 270-S						
3	0	149	145	244	342	440
	90	224	71	169	267	365
4	0	199	–	194	292	390
	90	299	–	94	192	291
5	0	249	–	–	242	340
	90	373	–	–	118	216
6	0	299	–	–	–	291
	90	448	–	–	–	141

Quarter turn actuators DFPB, single-acting

Technical data

FESTO

Actual torque [Nm] as a function of operating pressure [bar] and swivel angle [°]						
Type	Nominal swivel angle	Springs	Operating pressure [bar]			
Springs	[°]		3	4	5	6
Size DFPB 330-S						
3	0	182	176	296	416	535
	90	274	85	205	325	444
4	0	243	–	235	355	475
	90	365	–	114	233	353
5	0	304	–	–	294	414
	90	456	–	–	142	262
6	0	365	–	–	–	353
	90	547	–	–	–	170
Size DFPB 420-S						
3	0	229	221	371	521	671
	90	344	106	256	406	556
4	0	305	–	295	445	595
	90	458	–	142	292	442
5	0	382	–	–	368	518
	90	573	–	–	177	327
6	0	458	–	–	–	442
	90	687	–	–	–	213
Size DFPB 520-S						
3	0	294	269	456	644	831
	90	441	122	309	497	684
4	0	392	–	358	546	733
	90	588	–	162	350	537
5	0	490	–	–	448	635
	90	735	–	–	203	390
6	0	588	–	–	–	537
	90	882	–	–	–	243

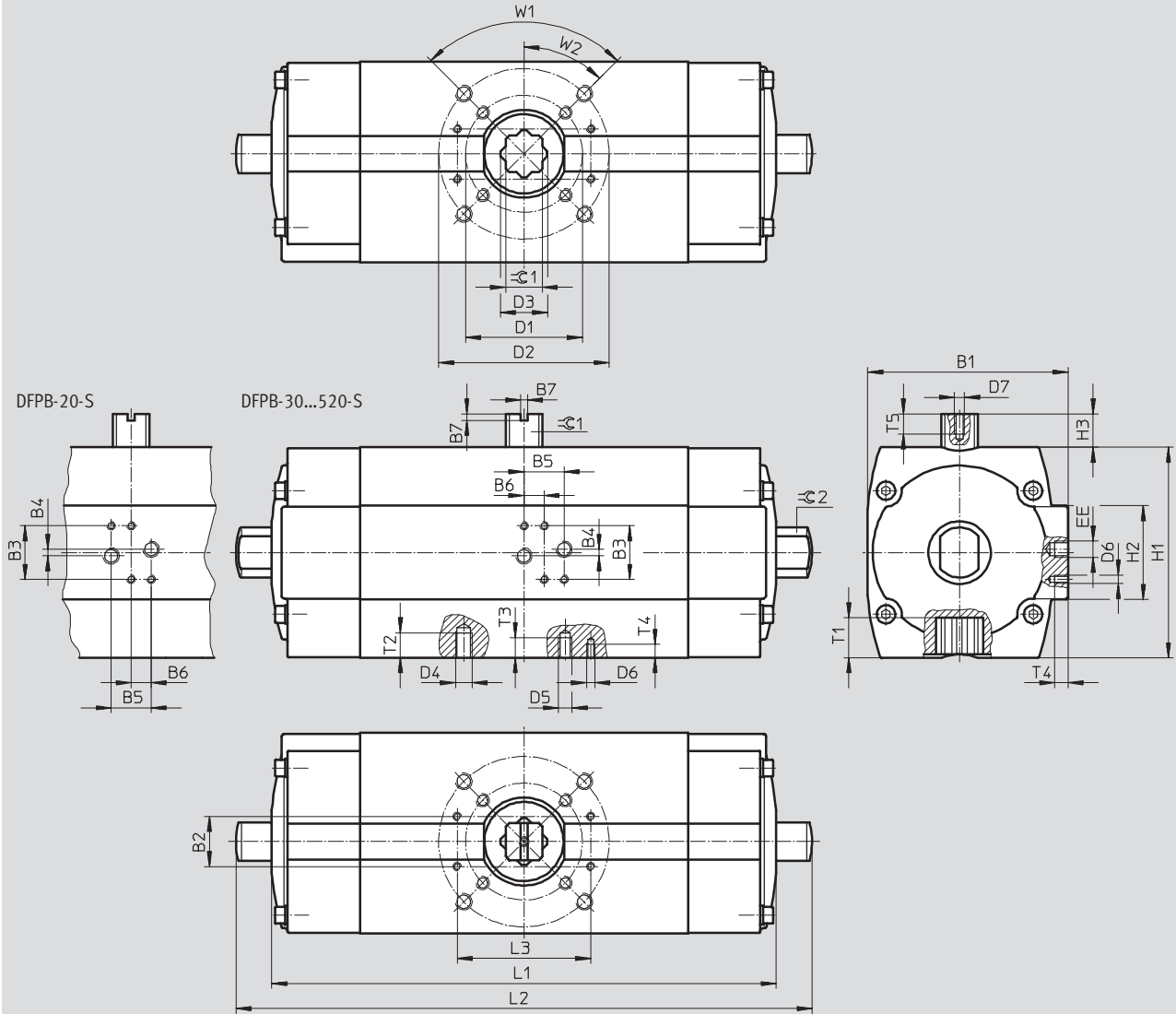
Quarter turn actuators DFPB, single-acting

Technical data

FESTO

Dimensions

Download CAD data → www.festo.com



Quarter turn actuators DFPB, single-acting

Technical data

FESTO

Size	B1	B2	B3	B4	B5	B6	B7	D1 Ø	D2 Ø	D3 Ø min.	D4	D5	D6	D7	EE
DFPB-20-S	79.5	30	32	4	24	12	4	–	50	18.1	M6	–	M5	M6	G 1/8
DFPB-30-S	96.5							–	50	18.1	M6	–			
DFPB-40-S								50	70	22.2	M8	M6			
DFPB-60-S	120							70	102	28.2	M10	M8			
DFPB-80-S								102	125	36.2	M12	M10			
DFPB-110-S	145							0	24	12	4	102			
DFPB-150-S	169			–	140	48.2	M16					–			
DFPB-180-S				193	–	140	48.2					M16	–		
DFPB-230-S					228	–	140					48.2	M16	–	
DFPB-270-S						–	140					48.2	M16	–	
DFPB-330-S	193			0	24	12	4	102	125	36.2	M12	M10	M5	M6	G 1/4
DFPB-420-S								–	140	48.2	M16	–			
DFPB-520-S	228			–	140	48.2	M16	–							

Size	H1	H2	H3	L1	L2	L3	T1	T2	T3	T4	T5	W1	W2	≈C1	≈C2			
							min.	min.	min.									
DFPB-20-S	83	49	19.5	204	235.6	80	16	9	–	8	12	90°	45°	14	17			
DFPB-30-S	100			234.3	265													
DFPB-40-S				258.8	290.4													
DFPB-60-S	126	56		291.6	334.6		19	12	9					17	23			
DFPB-80-S				341.7	384.7													
DFPB-110-S	156	70		377.5	420.5		24	15	12					22	27			
DFPB-150-S				408.4	451.4													
DFPB-180-S	176	74		471.2	517.2		29	18	15					27	27			
DFPB-230-S				507.6	553.6													
DFPB-270-S	202	89.6		551.3	608.3											23	20	30
DFPB-330-S				588.6	645.6													
DFPB-420-S	228	112		727	813		38	24	–					36	46			
DFPB-520-S				790.5	876.5													

Quarter turn actuators DFPB, single-acting

Technical data

FESTO

Ordering data			
Part No.	Type	Part No.	Type
Size 20-S		Size 180-S	
557 549	DFPB-20-090-S3-F05	557 617	DFPB-180-090-S3-F1012 
557 550	DFPB-20-090-S4-F05	557 618	DFPB-180-090-S4-F1012 
557 551	DFPB-20-090-S5-F05	557 619	DFPB-180-090-S5-F1012 
557 552	DFPB-20-090-S6-F05	557 620	DFPB-180-090-S6-F1012 
Size 30-S		Size 230-S	
557 553	DFPB-30-090-S3-F05	557 621	DFPB-230-090-S3-F1012 
557 554	DFPB-30-090-S4-F05	557 622	DFPB-230-090-S4-F1012 
557 555	DFPB-30-090-S5-F05	557 623	DFPB-230-090-S5-F1012 
557 556	DFPB-30-090-S6-F05	557 624	DFPB-230-090-S6-F1012 
Size 40-S		Size 270-S	
557 557	DFPB-40-090-S3-F05	557 625	DFPB-270-090-S3-F1012 
557 558	DFPB-40-090-S4-F05	557 626	DFPB-270-090-S4-F1012 
557 559	DFPB-40-090-S5-F05	557 627	DFPB-270-090-S5-F1012 
557 560	DFPB-40-090-S6-F05	557 628	DFPB-270-090-S6-F1012 
Size 60-S		Size 330-S	
557 561	DFPB-60-090-S3-F0507	557 629	DFPB-330-090-S3-F1012 
557 562	DFPB-60-090-S4-F0507	557 630	DFPB-330-090-S4-F1012 
557 563	DFPB-60-090-S5-F0507	557 631	DFPB-330-090-S5-F1012 
557 564	DFPB-60-090-S6-F0507	557 632	DFPB-330-090-S6-F1012 
Size 80-S		Size 420-S	
557 565	DFPB-80-090-S3-F0710	557 633	DFPB-420-090-S3-F14 
557 566	DFPB-80-090-S4-F0710	557 634	DFPB-420-090-S4-F14 
557 567	DFPB-80-090-S5-F0710	557 635	DFPB-420-090-S5-F14 
557 568	DFPB-80-090-S6-F0710	557 636	DFPB-420-090-S6-F14 
Size 110-S		Size 520-S	
557 569	DFPB-110-090-S3-F0710	557 637	DFPB-520-090-S3-F14 
557 570	DFPB-110-090-S4-F0710	557 638	DFPB-520-090-S4-F14 
557 571	DFPB-110-090-S5-F0710	557 639	DFPB-520-090-S5-F14 
557 572	DFPB-110-090-S6-F0710	557 640	DFPB-520-090-S6-F14 
Size 150-S			
557 573	DFPB-150-090-S3-F0710		
557 574	DFPB-150-090-S4-F0710		
557 575	DFPB-150-090-S5-F0710		
557 576	DFPB-150-090-S6-F0710		

Quarter turn actuators DFPB, single-acting

Technical data

FESTO

Ordering data – Wearing parts kits			
Part No.	Type	Part No.	Type
Size 20-S		Size 180-S	
737 039	DFPB-45/S20-090	737 046	DFPB-370/S180-090
Size 30-S		Size 230-S	
737 040	DFPB-65/S30-090	737 047	DFPB-470/S230-090
Size 40-S		Size 270-S	
737 041	DFPB-80/S40-090	737 048	DFPB-550/S270-090
Size 60-S		Size 330-S	
737 042	DFPB-120/S60-090	737 049	DFPB-670/S330-090
Size 80-S		Size 420-S	
737 043	DFPB-170/S80-090	737 050	DFPB-840/S420-090
Size 110-S		Size 520-S	
737 044	DFPB-230/S110-090	737 051	DFPB-1050/S520-090
Size 150-S			
737 045	DFPB-300/S150-090		