

Series QN short-stroke cylinders

Single-acting, non magnetic
 ø 8, 12, 20, 32, 50, 63 mm



Series QN single-acting short-stroke cylinders have been designed so that they can be installed in very small spaces. Due to the compactness and sturdiness of these cylinders, they are mainly suitable for positioning and locking.

The available strokes are indicated in the tables.

GENERAL DATA

Type of construction	compact
Operation	single-acting
Materials	aluminium body - NBR seals - other materials in stainless steel and brass
Operating pressure	P. min 2 bar P. max 10 bar
Operating temperature	0°C ÷ 80°C (with dry air - 20°C)
Fluid	clean air, without lubrication. If lubricated air is used, it is recommended to use oil ISO VG32. Once applied the lubrication should never be interrupted.
Bore	ø 8, 12, 20, 32, 50, 63
Stroke	see table
Type of mounting	by means of screws in the body

STANDARD STROKES FOR CYLINDERS SERIES QN

SERIES QN CYLINDERS

STANDARD STROKES				
∅	4	5	10	25
8	x			
12	x		x	
20	x		x	
32		x	x	x
50			x	x
63			x	x

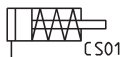
CODING EXAMPLE

QN	1	A	50	A	25
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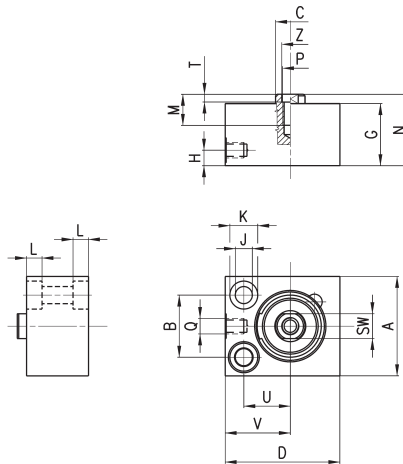
QN	SERIES	
1	OPERATING 1 = single-acting	PNEUMATIC SYMBOL CS01
A	MATERIALS A = rolled stainless steel rod - aluminium body	
50	BORE 08 = 8 mm 12 = 12 mm 20 = 20 mm 32 = 32 mm 50 = 50 mm 63 = 63 mm	
A	TYPE OF DESIGN A = standard	
25	STROKE (see the table)	

PNEUMATIC SYMBOLS

The pneumatic symbols which have been indicated in the CODING EXAMPLE are shown below.

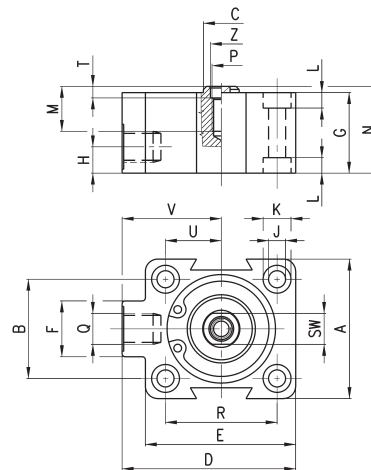


Short-stroke cylinders Series QN - bores \varnothing 8, 12 and 20



DIMENSIONS																				
Mod.	\varnothing	A ^{h8}	B	\varnothing C	D	G	H	\varnothing J	\varnothing K	L	M	N	P	Q ^{H13}	SW	T ^{+0,1}	U	V	Z ^{+0,10}	
QN1A08A04	8	18	11	4	20	16	5	3,2	5,8	3	-	17	-	M5	-	-	8	13,5	-	
QN1A12A04	12	20	13	5	25	16	5	3,2	5,8	3	-	17	-	M5	-	-	9	16	-	
QN1A12A10	12	20	13	5	25	26	5	3,2	5,8	3	-	30	-	M5	-	-	9	16	-	
QN1A20A04	20	32	20	10	37	20	5	5,5	9	5	8	21	M5	M5	8	2,5	15	21	5,5	
QN1A20A10	20	32	20	10	37	32	5	5,5	9	5	8	33	M5	M5	8	2,5	15	21	5,5	

Short-stroke cylinders Series QN - bores \varnothing 32, 50 and 63



DIMENSIONS																						
Mod.	\varnothing	A ^{h8}	B	\varnothing C	D	E	F	G	H	\varnothing J	\varnothing K	L	M	N	P	Q ^{H13}	R	SW	T ^{+0,1}	U	V	Z ^{+0,10}
QN1A32A05	32	45	32	12	56	48,5	18	26	8,5	5,5	9	5	14,5	27	M6	G1\8	36	10	2,5	18	32	7
QN1A32A10	32	45	32	12	56	48,5	18	32	8,5	5,5	9	5	14,5	33	M6	G1\8	36	10	2,5	18	32	7
QN1A32A25	32	45	32	12	56	48,5	18	37,5	8,5	5,5	9	5	14,5	58,5	M6	G1\8	36	10	2,5	18	32	7
QN1A50A10	50	64	50	16	72	64	20	30	8,5	6,5	10,5	6,3	15,5	31	M8	G1\8	50	13	3,5	25	40	8,5
QN1A50A25	50	64	50	16	72	64	20	37,5	8,5	6,5	10,5	6,3	15,5	58,5	M8	G1\8	50	13	3,5	25	40	8,5
QN1A63A10	63	80	62	16	88	80	20	35	8,5	8,5	14	8,5	14,5	36	M8	G1\8	62	13	3,5	31	48	8,5
QN1A63A25	63	80	62	16	88	80	20	40,5	8,5	8,5	14	8,5	14,5	62,5	M8	G1\8	62	13	3,5	31	48	8,5

Series QP - QPR short-stroke cylinders

Series QP: single and double-acting, magnetic
Series QPR: double-acting magnetic, non-rotating
Ø 12, 16, 20, 25, 32, 40, 50, 63, 80, 100 mm

SERIES QP - QPR CYLINDERS



The guides are manufactured in the external profile parallel to the sliding axis on three sides. These are used to locate the switches that sense the piston position. The non rotating guides make the QPR suitable for supply operations and for handling equipment.

Series QP - QPR cylinders are available in 10 bore sizes, from Ø12 to Ø100. Their compact dimension allows the installation in small spaces. Because of their particular construction, they can be mounted by means of feet or trunnion.

GENERAL DATA

Type of construction	Series QP: compact profile Series QPR: compact with non rotating guides
Operation	Series QP: single and double-acting Series QPR: double-acting
Materials	body: anodized AL rod: rolled stainless steel piston seals: PU rod seals: PU (Ø 12 ÷ 25 mm) - NBR (Ø 32 ÷ 100 mm)
Operating temperature	0°C ÷ 80°C (with dry air -20°C)
Assembly	by means of screws or brackets
Operating pressure	1 ÷ 10 bar (double-acting) 2 ÷ 10 bar (single-acting)
Fluid	filtered air, without lubrication. If lubricated air is used, it is recommended to use oil ISOVG32. Once applied the lubrication should never be interrupted.
Strokes (min-max)	Series QP: 1 ÷ 150 mm (Ø12 ÷ Ø 25) - 1 ÷ 200 mm (Ø 32 ÷ Ø 100) Series QPR: 1 ÷ 50 mm (Ø 12) - 1 ÷ 75 mm (Ø 16) - 1 ÷ 100 mm (Ø 20 ÷ Ø 100)
Strokes	the minimum stroke for use of the sensors is 10 mm
Bores	Ø 12, 16, 20, 25, 32, 40, 50, 63, 80, 100

STANDARD STROKES FOR SHORT-STROKE CYLINDERS SERIES QP AND QPR

■ = Double-acting ✕ = Single-acting ● = Non-rotating

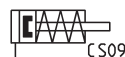
STANDARD STROKES														
∅	5	10	15	20	25	30	35	40	45	50	60	75	80	100
12	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕	■ ✕ ●	■ ●	■	■	■					
16	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■	■
20	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●
25	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●
32	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●
40	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●
50	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●
63	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●
80	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●
100	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ✕ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●	■ ●

CODING EXAMPLE

QP	2	A	050	A	050
QP	SERIES QP = standard QPR = standard non-rotating				
2	OPERATION 1 = single-acting, front spring (only QP) 2 = double-acting 3 = double-acting, through-rod			PNEUMATIC SYMBOLS CS09 CD07 CD14	
A	MATERIALS A = rolled stainless steel rod - AL tube profile				
050	BORE 012 = 12 mm 016 = 16 mm 020 = 20 mm 025 = 25 mm 032 = 32 mm 040 = 40 mm 050 = 50 mm 063 = 63 mm 080 = 80 mm 100 = 100 mm				
A	TYPE OF MOUNTING A = standard				
050	STROKE (see the table) = standard V = FKM rod seal W = all FKM seals (∅ 12 excepted)				

PNEUMATIC SYMBOLS

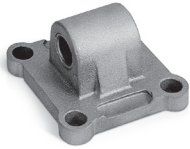
The pneumatic symbols which have been indicated in the CODING EXAMPLE are shown below.



ACCESSORIES FOR SHORT-STROKE CYLINDERS SERIES QP



Foot mount Mod. B

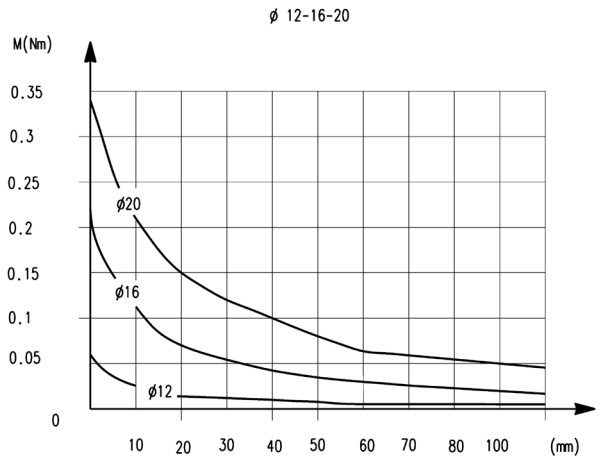
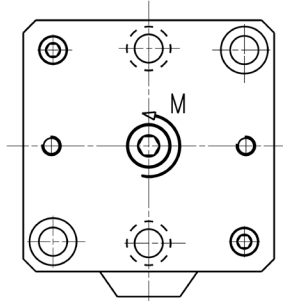


Male trunnion Mod. L

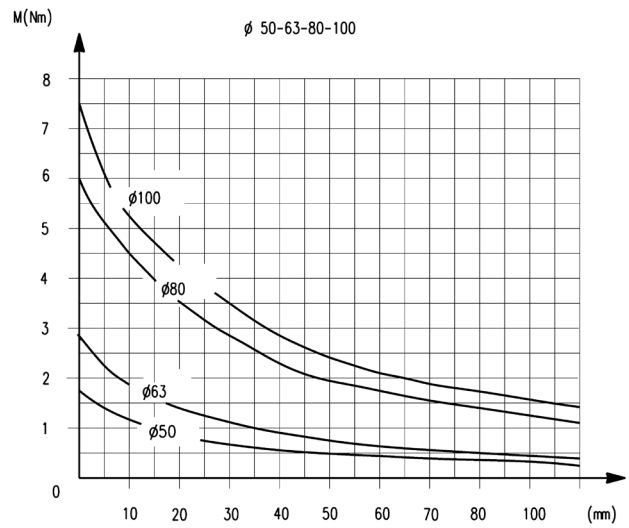
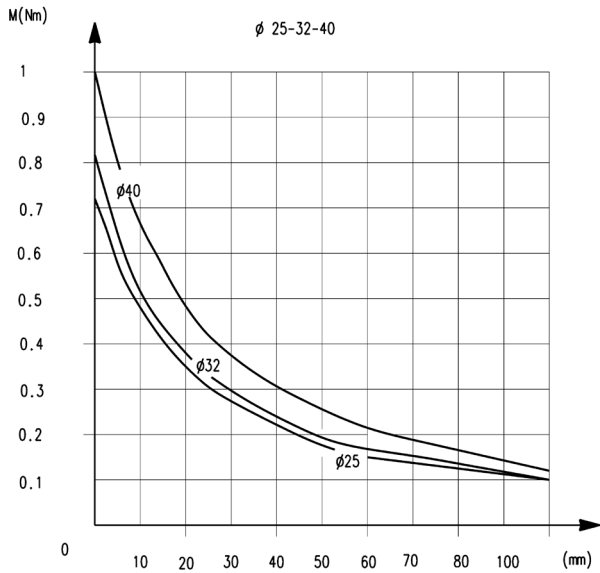


All accessories are supplied separately.

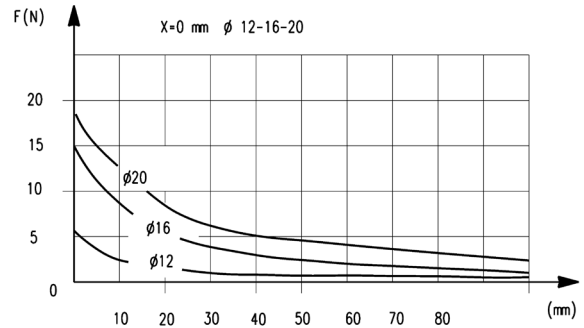
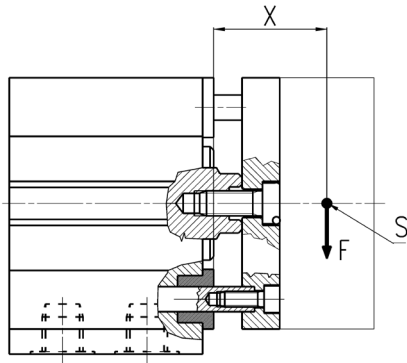
TORQUE MOMENT ACCORDING TO STROKE C



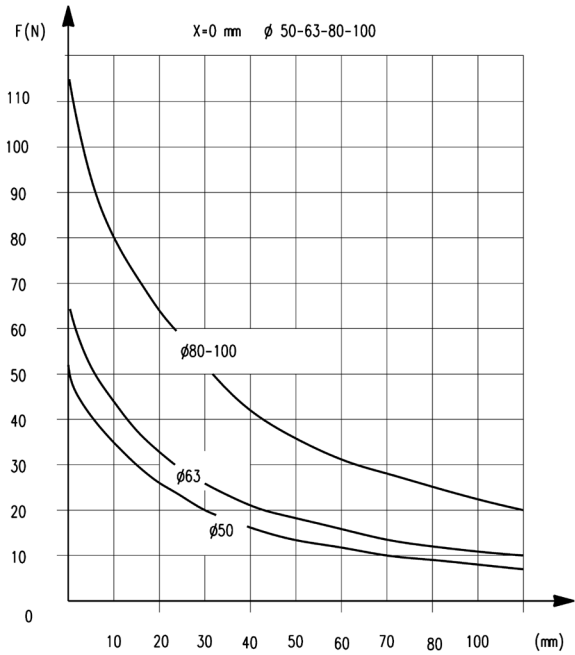
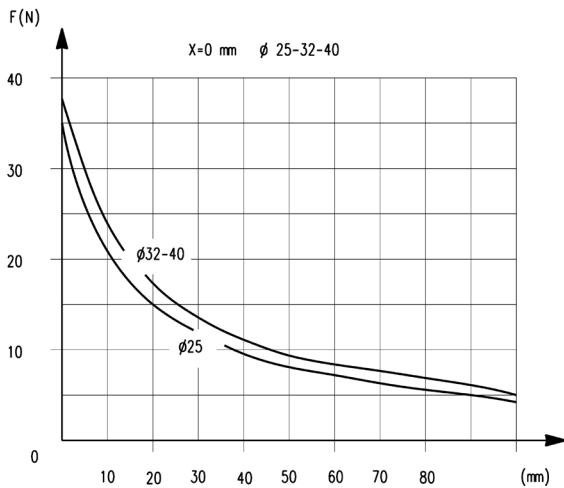
TORQUE MOMENT ACCORDING TO STROKE C



TRANSVERSAL LOAD ACCORDING TO PROJECTION " X "



TRANSVERSAL LOAD ACCORDING TO PROJECTION " X "



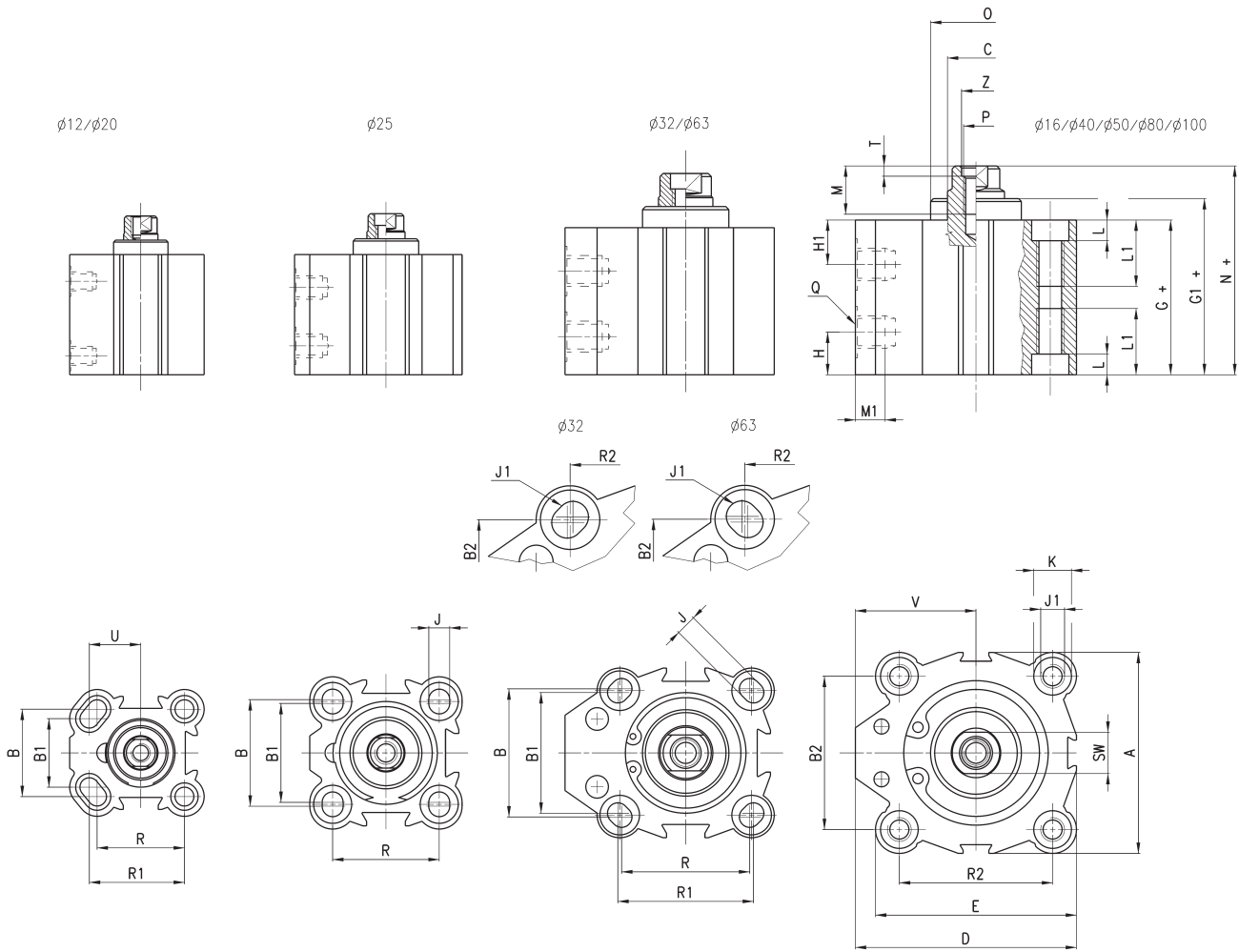
F = transversal force

Short-stroke cylinders Series QP



Note:
The cylinder's end stop must be provided externally.
For single-acting cylinders $\varnothing 12, 16, 20$ and 25 add 5 mm to $G+, G1+$ and $N+$ dimensions.

+ = add the stroke



DIMENSIONS																														
\varnothing	A	B	B1	B2	$\varnothing C$	D	E	G+	G1+	H1	H	J	J1	K	L	L1	M	M1	N+	$\varnothing O$	P	Q	R	R1	R2	SW	T	U	V	Z
12	23.8	15.5	13	-	6	25	25	29.6	29.6	12.3	7.8	3.5	-	5.8	3	-	5.5	4.5	32.9	-	M3	M5	15.5	16.75	-	5	-	9	13.15	-
16	29	20	-	-	8	29	29	32	32.4	10.9	8.7	3.5	-	5.8	3	-	8	4.5	36.4	16.6	M4	M5	20	-	-	6	-	-	14.5	-
20	37	25.5	20	-	10	39.25	39.25	31.2	31.7	9.8	9.8	5.5	-	9	6	-	8	4.5	36	19.5	M6	M5	25.5	27.75	-	8	-	15	20.75	-
25	40	28	26	-	10	40	40	32.1	33.5	8	6.9	5.5	-	10	5.5	-	8	4.5	37.5	22	M6	M5	28	-	-	8	-	-	20	-
32	45	34	32	33	12	55.5	47	39.5	40	9.5	9.5	5.5	M8	10.5	6	21	10	7.5	44	23.5	M6	G1/8	34	36	35	10	2.5	-	32	7
40	52	-	-	40	16	57	52	42.4	43.4	10.7	10.7	5.5	M8	9	6	21	13.5	7.5	47.9	29.6	M8	G1/8	-	-	40	13	3.5	-	31	8.5
50	64	-	-	50	16	72	64	42.2	44	11.2	11.2	6.5	M8	10.5	6	21	13.5	9	48.4	37.5	M8	G1/4	-	-	50	13	3.5	-	40	8.5
63	80	62	60	61	20	88	80	49.5	50.1	13	13	8.5	M12	15	8.5	31.5	13.5	9	54	50	M8	G1/4	60	62	61	17	4	-	48	8.5
80	98	-	-	77	25	104	98	57.5	58.1	16.2	16.2	10.5	M12	17	10.5	31.5	15	10.5	63.5	62	M16	G3/8	-	-	77	22	4	-	55	16.5
100	117	-	-	94	25	123.5	117	68.5	69.1	20.3	20.3	10.5	M12	17	10.5	31.5	15	10.5	74.5	80	M16	G3/8	-	-	94	22	4	-	65	16.5

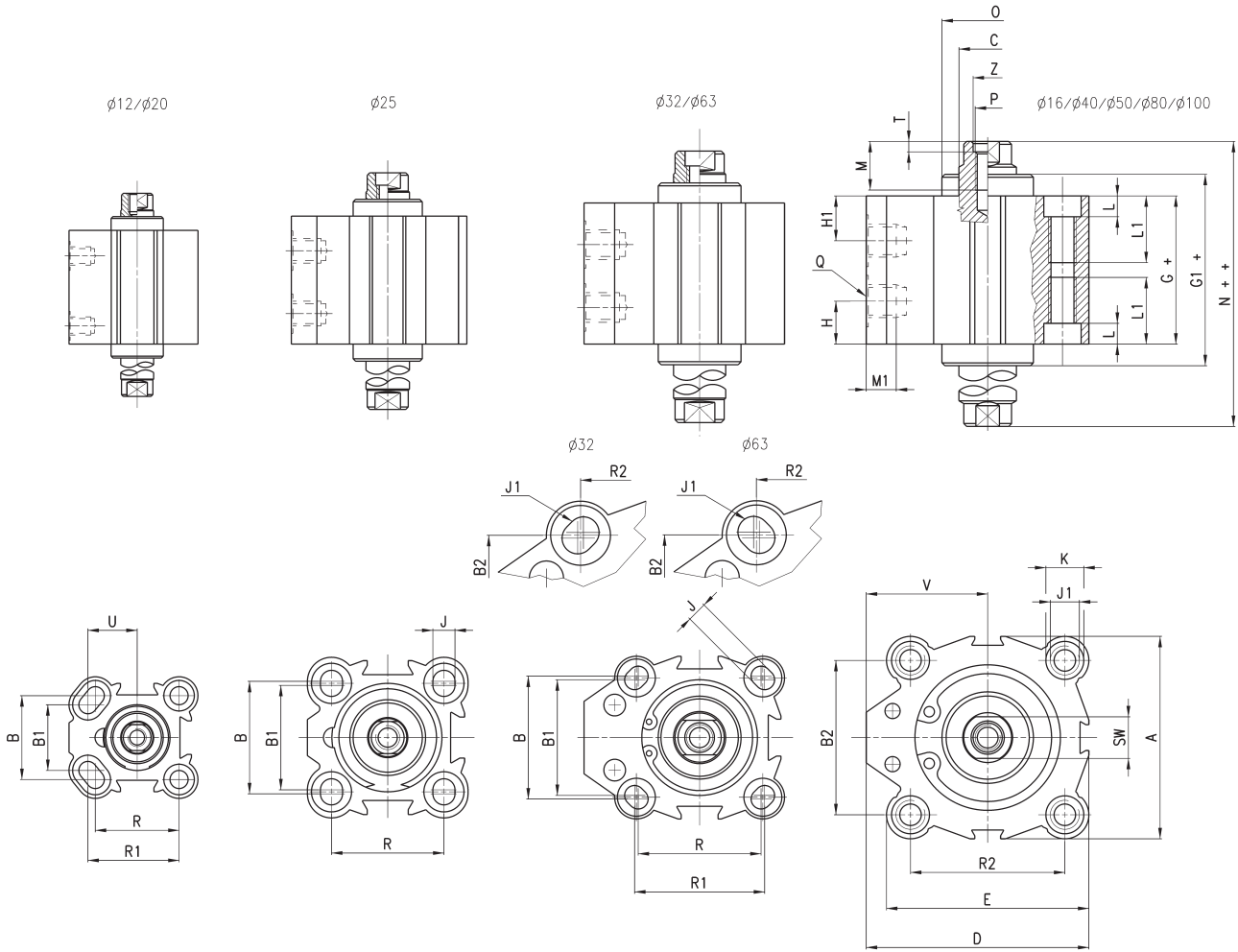
Short-stroke cylinders Series QP

Note:
The cylinder's end stop must be provided externally.



+ = add the stroke once
+ = add the stroke twice

SERIES QP - QPR CYLINDERS



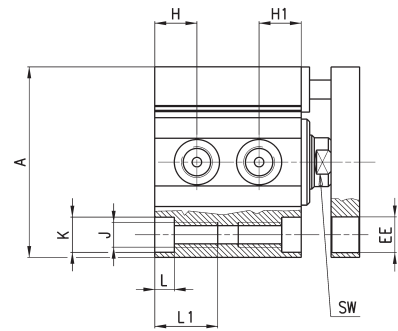
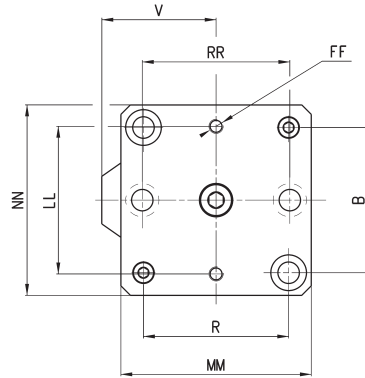
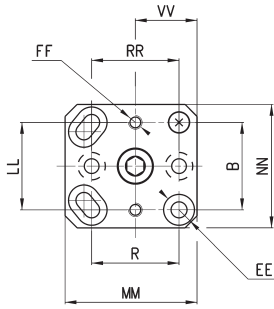
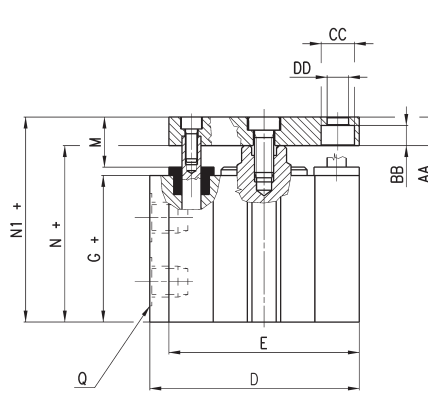
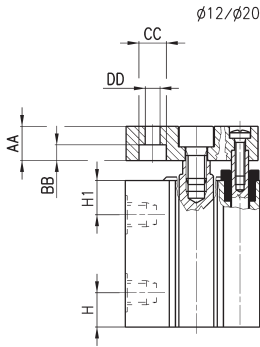
DIMENSIONS																														
\emptyset	A	B	B1	B2	$\emptyset C^{h8}$	D	E	G+	G1+	H1	H	J	J1	K	L	L1	M	M1	N++	$\emptyset O$	P	Q	R	R1	R2	SW	T	U	V	Z
12	23.8	15.5	13	-	6	25	25	34.5	34.5	12.3	12.3	3.5	-	5.8	3	-	5.5	4.5	41	-	M3	M5	15.5	16.75	-	5	-	9	13.15	-
16	29	20	-	-	8	29	29	38	38.8	10.9	10.9	3.5	-	5.8	3	-	8	4.5	46.4	16.6	M4	M5	20	-	-	6	-	-	14.5	-
20	37	25.5	20	-	10	39.25	39.25	38.1	39.1	9.8	9.8	5.5	-	9	6	-	8	4.5	47.7	19.5	M6	M5	25.5	27.75	-	8	-	15	20.75	-
25	40	28	26	-	10	40	40	36.3	39.1	8	8	5.5	-	10	5.5	-	8	4.5	47.1	22	M6	M5	28	-	-	8	-	-	20	-
32	45	34	32	33	12	55.5	47	39.5	40.5	9.5	9.5	5.5	M8	10.5	6	21	10	7.5	48.5	23.5	M6	G1/8	34	36	35	10	2.5	-	32	7
40	52	-	-	40	16	57	52	42.4	44.4	10.7	10.7	5.5	M8	9	6	21	13.5	7.5	53.4	29.6	M8	G1/8	-	-	40	13	3.5	-	31	8.5
50	64	-	-	50	16	72	64	42.2	45.8	11.2	11.2	6.5	M8	10.5	6	21	13.5	9	54.8	37.5	M8	G1/4	-	-	50	13	3.5	-	40	8.5
63	80	62	60	61	20	88	80	49.5	50.7	13	13	8.5	M12	15	8.5	31.5	13.5	9	58.5	50	M8	G1/4	60	62	61	17	4	-	48	8.5
80	98	-	-	77	25	104	98	57.5	58.7	16.2	16.2	10.5	M12	17	10.5	31.5	15	10.5	69.5	62	M16	G3/8	-	-	77	22	4	-	55	16.5
100	117	-	-	94	25	123.5	117	68.5	69.7	20.3	20.3	10.5	M12	17	10.5	31.5	15	10.5	80.5	80	M16	G3/8	-	-	94	22	4	-	65	16.5

Short-stroke cylinder Series QPR

Note:
The cylinder's end stop must be provided externally.



+ = add the stroke



DIMENSIONS																												
∅	A	B	D	E	G+	H1	H	J	K	L	L1	N+	N1+	Q	R	SW	V	AA	BB	∅CC	∅DD	EE	FF	LL	MM	NN	RR	VV
12	23.8	15.5	25	25	29.6	12.3	7.8	3.5	5.8	3	-	32.9	37.9	M5	15.5	5	13.15	5	3.5	6.2	3.2	5.8	M3	15.5	25	24	15.5	12
16	29	20	29	29	32	10.9	8.7	3.5	5.8	3	-	36.4	41.4	M5	20	6	14.5	5	3.5	6.2	3.2	6.5	M3	20	28	28	20	-
20	37	25.5	39.25	39.25	31.2	9.8	9.8	5.5	9	6	-	36	46	M5	25.5	8	20.75	10	4.6	8	4.2	9	M4	25.5	38.5	36	25.5	18
25	40	28	40	40	32.1	8	6.9	5.5	10	5.5	-	37.5	47.5	M5	28	8	20	10	4.6	8	4.2	10	M4	27	40	40	28	-
32	45	33	55.5	47	39.5	9.5	9.5	M8	10.5	6	21	44	54	G1/8	35	10	32	10	6	9	5.5	9	M5	32	47	45	36	-
40	52	40	57	52	42.4	10.7	10.7	M8	9	6	21	47.9	57.9	G1/8	40	13	31	10	6	9	5.5	9	M5	40	52	50	40	-
50	64	50	72	64	42.2	11.2	11.2	M8	10.5	6	21	48.4	60.4	G1/4	50	13	40	12	6.8	10.5	6.5	10	M6	50	65	65	50	-
63	80	61	88	80	49.5	13	13	M12	15	8.5	31.5	54	66	G1/4	61	17	48	12	8.5	14	9	15	M6	62	80	80	62	-
80	98	77	104	98	57.5	16.2	16.2	M12	17	10.5	31.5	63.5	78.5	G3/8	77	22	55	15	10	16.5	11	17	M8	77	100	100	77	-
100	117	94	123.5	117	68.5	20.3	20.3	M12	17	10.5	31.5	74.5	89.5	G3/8	94	22	65	15	10	16.5	11	17	M8	94	115	115	94	-

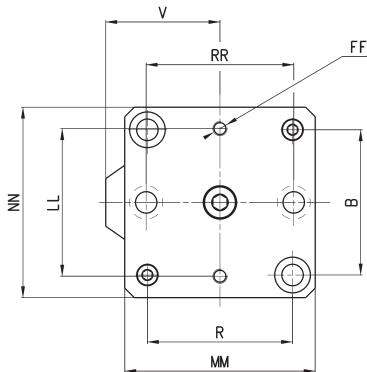
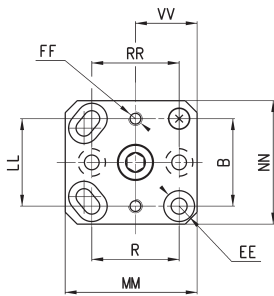
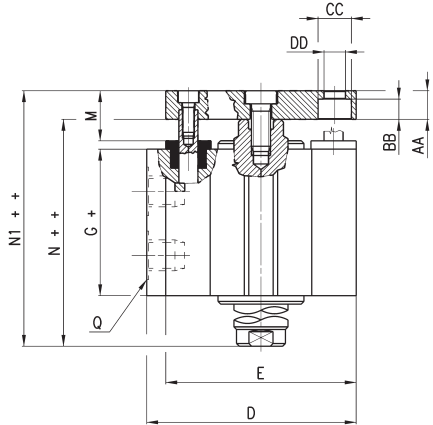
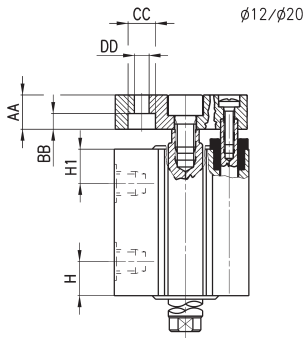
Short-stroke cylinder Series QPR - through-rod

Note:
The cylinder's end stop must be provided externally.

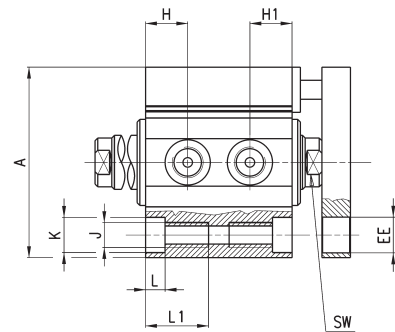


+ = add the stroke once
++ = add the stroke twice

SERIES QP - QPR CYLINDERS



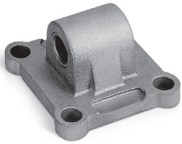
∅16/∅25/∅32/∅40/∅50/∅63/∅80/∅100



DIMENSIONS																												
∅	A	B	D	E	G+	H1	H	J	K	L	L1	N++	N1++	Q	R	SW	V	AA	BB	∅CC	∅DD	EE	FF	LL	MM	NN	RR	VV
12	23.8	15.5	25	25	37.3	12.3	12.3	3.5	5.8	3	-	41	46	M5	15.5	5	13.15	5	3.5	6.2	3.2	5.8	M3	15.5	25	24	15.5	12
16	29	20	29	29	38	10.9	10.9	3.5	5.8	3	-	47	52	M5	20	6	14.5	5	3.5	6.2	3.2	6.5	M3	20	28	28	20	-
20	37	25.5	39.25	39.25	38.1	9.8	9.8	5.5	9	6	-	47.1	57.7	M5	25.5	8	20.75	10	4.6	8	4.2	9	M4	25.5	38.5	36	25.5	18
25	40	28	40	40	36.3	8	8	5.5	10	5.5	-	47.1	57.1	M5	28	8	20	10	4.6	8	4.2	10	M4	27	40	40	28	-
32	45	33	55.5	47	39.5	9.5	9.5	M8	10.5	6	21	48.5	58.5	G1\8	35	10	32	10	6	9	5.5	9	M5	32	47	45	36	-
40	52	40	57	52	42.4	10.7	10.7	M8	9	6	21	53.4	63.4	G1\8	40	13	31	10	6	9	5.5	9	M5	40	52	50	40	-
50	64	50	72	64	42.2	11.2	11.2	M8	10.5	6	21	54.8	66.8	G1\4	50	13	40	12	6.8	10.5	6.5	10	M6	50	65	65	50	-
63	80	61	88	80	49.5	13	13	M12	15	8.5	31.5	58.5	70.5	G1\4	61	17	48	12	8.5	14	9	15	M6	62	80	80	62	-
80	98	77	104	98	57.5	16.2	16.2	M12	17	10.5	31.5	69.5	84.5	G3\8	77	22	55	15	10	16.5	11	17	M8	77	100	100	77	-
100	117	94	123.5	117	68.5	20.3	20.3	M12	17	10.5	31.5	80.5	95.5	G3\8	94	22	65	15	10	16.5	11	17	M8	94	115	115	94	-

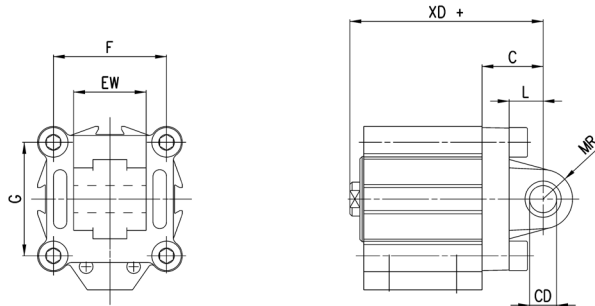
Male trunnion bracket Mod. L

Material: Aluminium



Supplied with:
1x trunnion
4x screws

+ = add the stroke



DIMENSIONS									
Mod.	∅	CD ^{H9}	MR	L	C	XD+	F	G	EW
L-QP-32	32	10	9	12	22	66	33	35	26
L-QP-40	40	12	13	15	25	73	40	40	28
L-QP-50	50	12	13	15	27	75,5	50	50	32
L-QP-63	63	16	15	20	32	86	61	61	40
L-QP-80	80	16	15	24	36	99,5	77	77	50
L-QP-100	100	20	18	29	41	115,5	94	94	60

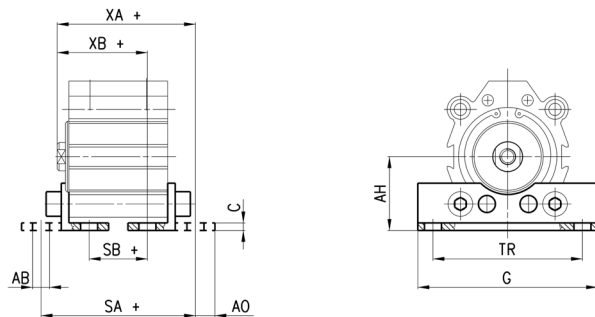
Feet bracket Mod. B

Material: zinc-plated steel.



Supplied with:
2x feet
4x screws

+ = add the stroke



DIMENSIONS											
Mod.	∅	C	SA+	XA+	SB+	XB+	TR	G	AB	AH	AO
B-QP-32	32	3	61.9	55.2	23.1	35.8	57	71	6.6	30	8.8
B-QP-40	40	3	64.8	59.1	26	39.7	64	78	6.6	33	8.8
B-QP-50	50	4	71.6	63.1	20.8	37.7	79	95	9	39	10.3
B-QP-63	63	4	81.9	70.2	25.1	41.8	95	113	11	46	13.8
B-QP-80	80	6	96.5	83	30.5	49	118	140	13	59	10.5
B-QP-100	100	6	114.5	97.5	22.5	51.5	137	162	13	71	17

New

Series RPA short stroke cylinders with non-rotating rod

Double-effect, magnetic
With hollow through rod and mounting stud
Bores; 20 and 30 mm



- » Clean and robust design
- » Light
- » Fixing from the body or with mounting stud
- » Hard anodized aluminium rod
- » Hollow through rod
- » Non-rotating rod
- » Slots on both sides for the positioning of magnetic proximity switches
- » Large range of standard strokes and mounting stud dimensions

The Series RPA short stroke cylinders are double acting actuators with aluminium hollow through rod and mounting stud. Available in two sizes, \varnothing 20 and \varnothing 30 mm, with different strokes and dimensions of the mounting stud, these actuators are equipped with the non-rotating function of the rod.

The Series RPA are prepared for the mounting of magnetic sensors (Series CSD), in fact, on the external profile, along the cylinder tube, you can find sensor positioning slots. Their compact and light design together with the adopted technical solutions make these cylinders suitable to be used, combined with suction pads, in End Of Arm Tooling (EOAT) systems, especially in the sector of plastic injection moulding.

GENERAL DATA

Type of construction	Short stroke
Operation	Double acting, hollow through rod
Materials	Anodized aluminium body, piston and rod HNBR seals
Operating pressure	2 ÷ 8 bar
Operating temperature	5°C ÷ 60°C
Medium	Filtered air in class 7.4.4 according to ISO 8573-1
Lubrication	Not necessary. A pre-lubrication is performed on the cylinder. In case lubricated air is used, we recommend ISOVG32 oil and to never interrupt lubrication.
Mounting	Stud / threaded holes on the body
Use with external sensors	Slots on both sides for Series CSD sensors
Anti-rotation function	With self-lubricating technopolymer anti-friction pads

Technical specifications

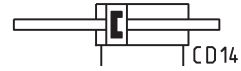
Models	RPA20R010A14	RPA20R010A20	RPA20R025A14	RPA30R015A20	RPA30R030A20	RPA30R050A20
Bore	ø 20 mm	ø 20 mm	ø 20 mm	ø 30 mm	ø 30 mm	ø 30 mm
Force (6 bar)	130 N	130 N	130 N	300 N	300 N	300 N
Stroke	10 mm	10 mm	25 mm	15 mm	30 mm	50 mm
Air consumption	5 cm ³	5 cm ³	12 cm ³	16 cm ³	30 cm ³	46 cm ³
Actuation time	20 ms	20 ms	50 ms	60 ms	150 ms	250 ms
Stud	ø 14 mm	ø 20 mm	ø 14 mm	ø 20 mm	ø 20 mm	ø 20 mm
Weight	50 g	65 g	75 g	110 g	145 g	195 g

CODING EXAMPLE

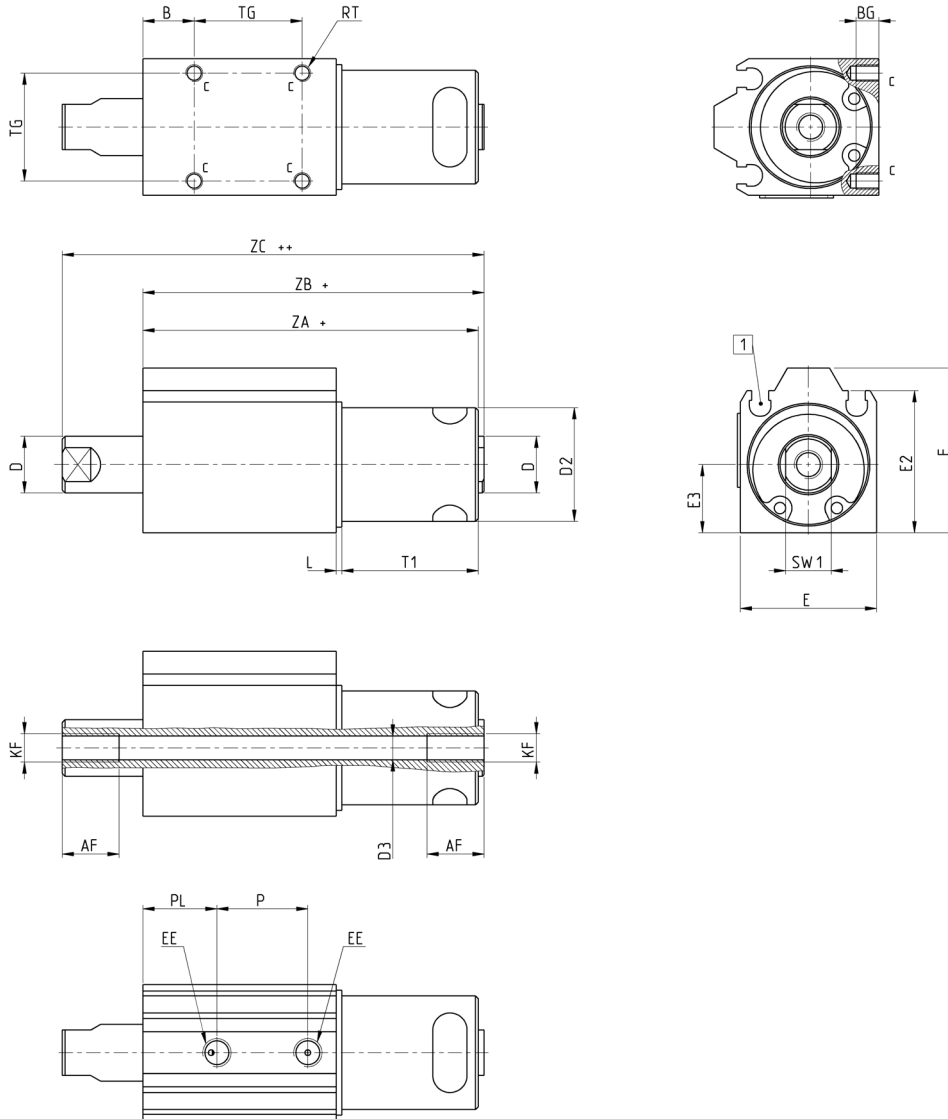
RPA	20	R	010	A	20
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RPA	SERIES
20	BORE: 020 = 20 mm 030 = 30 mm
R	VERSION: R = non-rotating
010	STROKE: 010 = 10 mm 015 = 15 mm 020 = 20 mm 025 = 25 mm 050 = 50 mm
A	CONSTRUCTION: A = standard
20	STUD: 14 = 14 mm 20 = 20 mm

Series RPA short-stroke cylinders



+ = add the stroke
++ = add the stroke twice



Mod.	Bore	Stroke	AF	B	BG	D	D2	D3	E	E2	E3	EE	F	KF	L	P	PL	RT	SW1	T1	TG	ZA	ZB	ZC
RPA20R010A20	20	10	10	9	4	Ø10	Ø20	Ø4.2	24	25	12	M5	29	M5	1	16	13	M3	8	24	19	59	60	74.2
RPA20R010A14	20	10	10	9	4	Ø10	Ø14	Ø4.2	24	25	12	M5	29	M5	1	16	13	M3	8	24	19	59	60	74.2
RPA20R025A14	20	25	10	24	4	Ø10	Ø14	Ø4.2	24	25	12	M5	29	M5	1	31	13	M3	8	39	19	89	90	119.2
RPA30R015A20	30	15	10	7	6	Ø15	Ø20	Ø8.8	34	35	17	M5	39	G1/8	3	23.3	10.1	M4	13	25	28	67	68	87.2
RPA30R030A20	30	30	10	7	6	Ø15	Ø20	Ø8.8	34	35	17	M5	39	G1/8	3	38.3	10.1	M4	13	38	28	95	96	130.2
RPA30R050A20	30	50	10	27	6	Ø15	Ø20	Ø8.8	34	35	17	M5	39	G1/8	3	58.3	10.1	M4	13	58	28	135	136	190.2

Mounting examples

