

**COMPACT
PNEUMATIC CYLINDERS
PK-A SERIES Ø16- Ø25**



**PK-A SERIES**

COMPACT - Ø16 - Ø25 - ISO 21287

COMPACT MAGNETIC CYLINDER

NEED HIGHER POWER
IN A TIGHTER SPACE?
PK-A IS THE PERFECT CHOICE



PK: COMPACT CYLINDERS WITH
DOUBLE ACTING



PK-A: MAGNETIC COMPACT
CYLINDERS WITH DOUBLE ACTING

Example of order:

PK-A
Product Code

020-025
Cylinder Ø
Stroke

R1 K4
Variants from
Standard System

VARIANTS FROM STANDARD SYSTEM:

R1: Stainless Steel Piston Rod (SS 304-SS 316)
R4: Stainless Steel Nut for Piston Rod (SS 304)
R5: Piston Rod as CK45 (Hard Chrome Plated)
M1: Extended male Piston Rod Thread
M3: Special Piston Rod Thread
M4: Extended Piston Rod
K4: Piston Rod Seal Viton

Force:

Cylinder Ø mm	Rod Ø mm	Thrust and traction forces (6 Bar)	
		Thrust Force (N)	Traction Force (N)
16	8	121	91
20	10	170	127
25	10	265	222

Working Fluid:

Filtered and lubricated or filtered and not lubricated air

Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)
Viton (FKM) : (-30°C) - (+150°C)

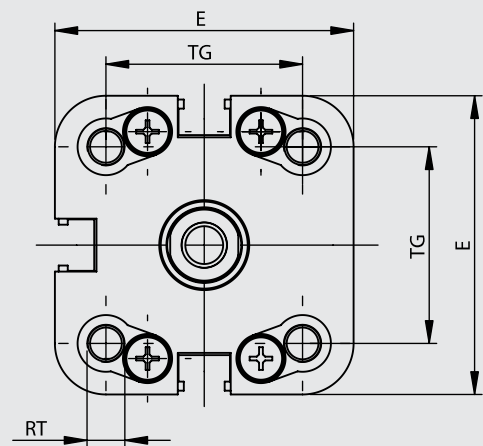
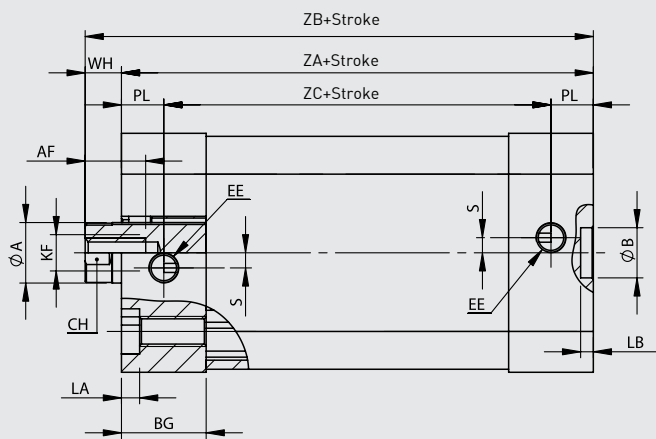
Max. Work Pressure:

10 Bar



PK-A SERIES

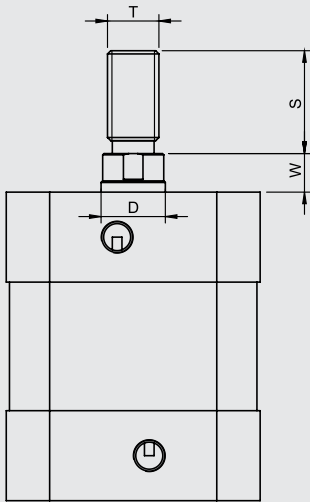
COMPACT - Ø16 - Ø25 - ISO 21287



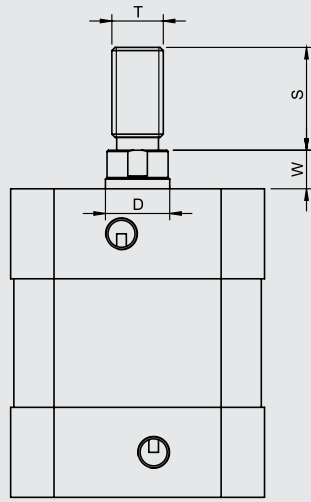
Cylinder Ø mm	ØA	CH	AF	WH	ZA	ZB	ZC	KF	EE	BG	TG	E	RT	LA	PL	ØB	LB	S
16	8	6	8	4,5	38	42,5	22	M4	M5x0.8	12,25	18	29	M4	3,5	8	6	4	0
20	10	9	10	6	37	43	23	M6x1	M5x0.8	14,25	22	36	M5x0.8	3	7	9	2,1	2,5
25	10	9	10	6	39	45	25	M6x1	M5x0.8	14	26	39,5	M5x0.8	3	7	9	2,1	2,5



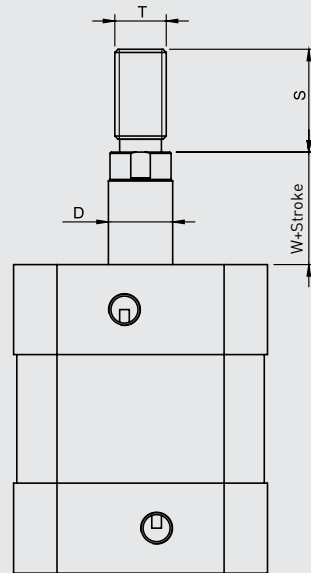
PK-T



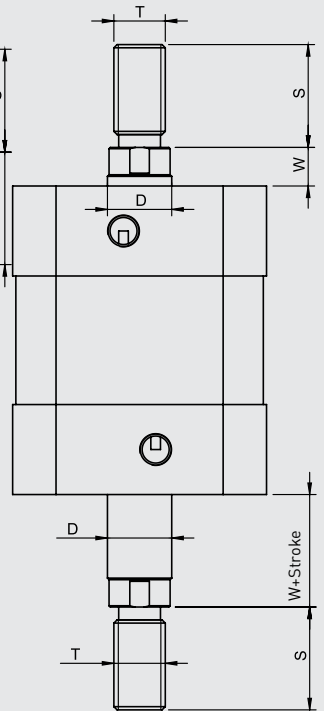
PKS-T



PKE-T



PKD-T



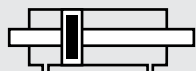
Cylinder type	Cylinder Ø mm	D	S	T	W
PK-PKS	16	8	20	M8x1.25	4,5
	20	10	16	M8x1.25	6
PKE-PKD	25	10	16	M8x1.25	6

**COMPACT
PNEUMATIC CYLINDERS
PKD-A SERIES Ø16- Ø25**



**PKD-A SERIES**

COMPACT - Ø16 - Ø25 - ISO 21287

COMPACT DOUBLE-ROD CYLINDER
WITH MAGNETPOSSIBILITY FOR DOUBLE
DIRECTION RUN WITH IDENTITY
STROKES COMPACT DIMENSIONS**PKD:** COMPACT CYLINDERS WITH
DOUBLE ACTING WITH DOUBLE ROD**PKD-A:** COMPACT MAGNETIC
CYLINDERS WITH DOUBLE ACTING
WITH DOUBLE ROD**Example of order:**PKD-A

Product Code

020-050Cylinder Ø
StrokeM1 M3Variants from
Standard System**VARIANTS FROM STANDARD SYSTEM:**

R1: Stainless Steel Piston Rod (SS 304-SS 316)

R4: Stainless Steel Nut for Piston Rod (SS 304)

R5: Piston Rod as CK45 (Hard Chrome Plated)

M1: Extended male Piston Rod Thread

M3: Special Piston Rod Thread

M4: Extended Piston Rod

K4: Piston Rod Seal Viton

Force:

Cylinder Ø mm	Rod Ø mm	Thrust and traction forces (6 Bar)	
		Thrust Force (N)	Traction Force (N)
16	8	91	91
20	10	127	127
25	10	222	222

Working Fluid:

Filtered and lubricated or filtered and not lubricated air

Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+150°C)

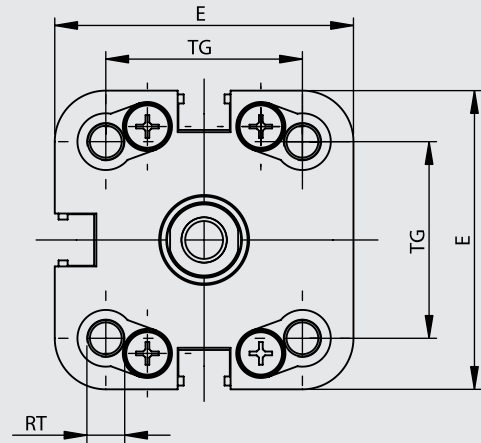
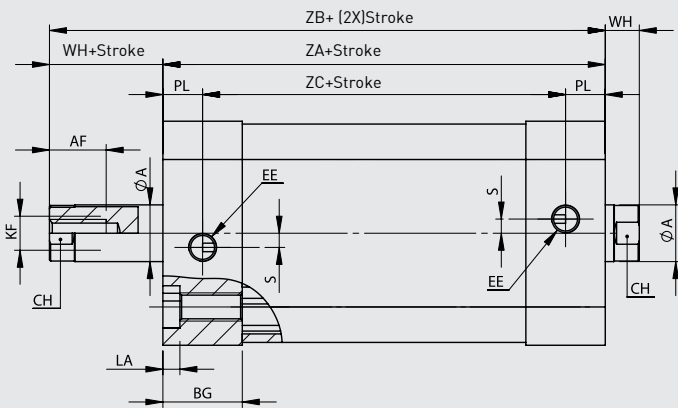
Max. Work Pressure:

10 Bar



PKD-A SERIES

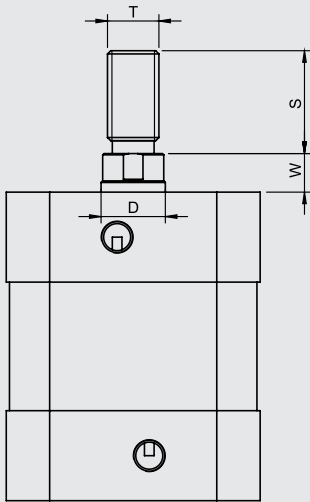
COMPACT - Ø16 - Ø25 - ISO 21287



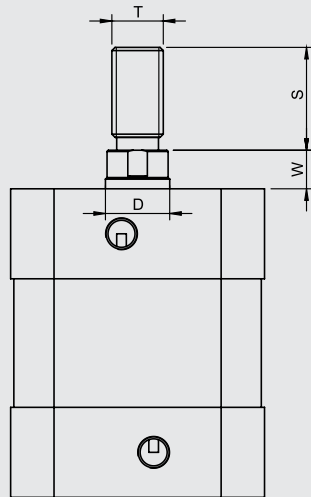
Cylinder Ø mm	ØA	CH	AF	WH	ZA	ZB	ZC	KF	EE	BG	TG	E	RT	LA	PL	ØB	LB	S
16	8	6	8	4,5	38	42,5	22	M4	M5x0.8	12,25	18	29	M4	3,5	8	6	4	0
20	10	9	10	6	37	43	23	M6x1	M5x0.8	14,25	22	36	M5x0.8	3	7	9	2,1	2,5
25	10	9	10	6	39	45	25	M6x1	M5x0.8	14	26	39,5	M5x0.8	3	7	9	2,1	2,5



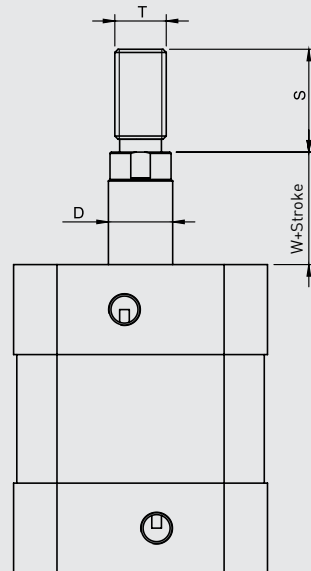
PK-T



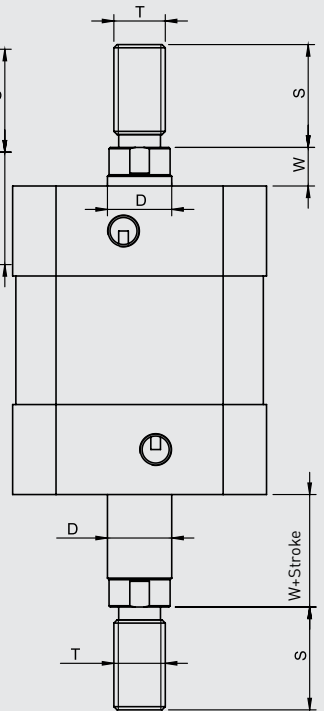
PKS-T



PKE-T



PKD-T



Cylinder type	Cylinder Ø mm	D	S	T	W
PK-PKS	16	8	20	M8x1.25	4,5
	20	10	16	M8x1.25	6
PKE-PKD	25	10	16	M8x1.25	6

COMPACT PNEUMATIC CYLINDERS PKE-A SERIES Ø16- Ø25



**PKE-A SERIES**

COMPACT - Ø16 - Ø25 - ISO 21287

COMPACT, MAGNETIC CYLINDER
WITH REAR SPRINGWITH SINGLE ACTING USAGE
PROVIDES MINIMUM AIR
CONSUMPTION AND EQUIPMENT
COSTS**PKE:** COMPACT CYLINDERS WITH
SINGLE ACTING (SPRINGED FROM
BACK)**PKE-A:** MAGNETIC COMPACT
CYLINDERS WITH SINGLE ACTING
(SPRINGED FROM BACK)**Example of order:**
PKE-A
Product Code

020-025
Cylinder Ø
Stroke

R1
Variants from
Standard System
VARIANTS FROM STANDARD SYSTEM:

R1: Stainless Steel Piston Rod (SS 304-SS 316)

R4: Stainless Steel Nut for Piston Rod (SS 304)

R5: Piston Rod as CK45 (Hard Chrome Plated)

M1: Extended male Piston Rod Thread

M3: Special Piston Rod Thread

M4: Extended Piston Rod

K4: Piston Rod Seal Viton

Force:

Cylinder Ømm	Rod Ømm	Thrust and traction forces (6 Bar)											
		Traction Force (N)	Thrust Force (N)										
			Stroke5		Stroke10		Stroke15		Stroke20		Stroke25		
			F1	F2	F1	F2	F1	F2	F1	F2	F1	F2	
16	8	81	5	6	4	6	3	6	2	6	1	6	
20	10	118	8	9	7	9	6	9	5	9	4	9	
25	10	201	19	22	16	22	13	22	10	22	7	22	

Working Fluid:

Filtered and lubricated or filtered and not lubricated air

Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+150°C)

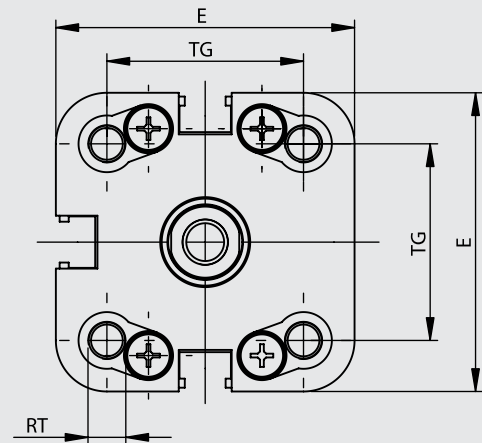
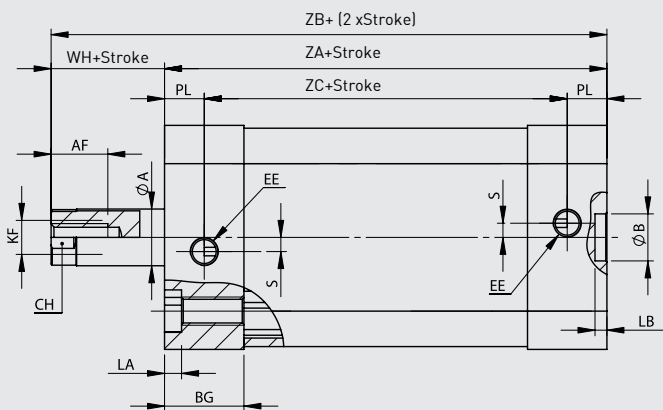
Max. Work Pressure:

10 Bar



PKE-A SERIES

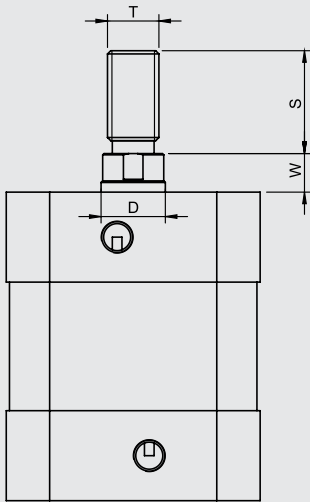
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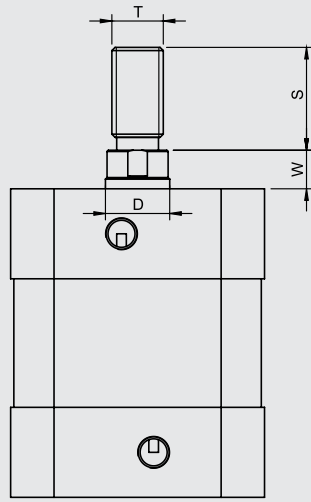
Cylinder Ø mm	ØA	CH	AF	WH	ZA	ZB	ZC	KF	EE	BG	TG	E	RT	LA	PL	ØB	LB	S
16	8	6	8	4,5	48	52,5	22	M4	M5x0.8	12,25	18	29	M4	3,5	8	6	4	0
20	10	9	10	6	37	43	23	M6x1	M5x0.8	14,25	22	36	M5x0.8	3	7	9	2,1	2,5
25	10	9	10	6	39	45	25	M6x1	M5x0.8	14	26	39,5	M5x0.8	3	7	9	2,1	2,5



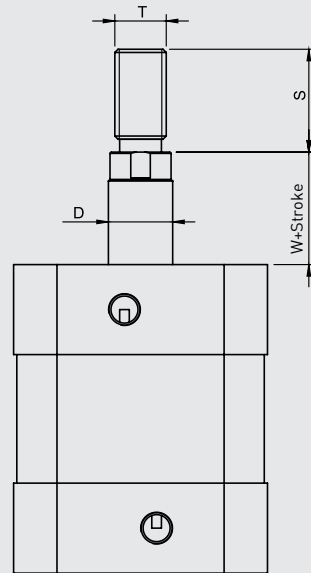
PK-T



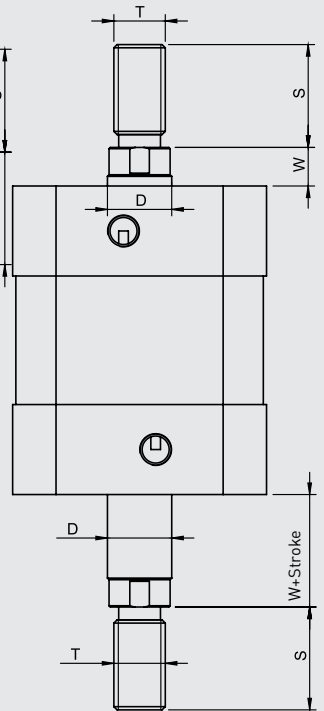
PKS-T



PKE-T



PKD-T



Cylinder type	Cylinder Ø mm	D	S	T	W
PK-PKS	16	8	20	M8x1.25	4,5
	20	10	16	M8x1.25	6
PKE-PKD	25	10	16	M8x1.25	6

**COMPACT
PNEUMATIC CYLINDERS
PKS-A SERIES 16- Ø25**





PKS-A SERIES

COMPACT - Ø16 - Ø25 - ISO 21287

COMPACT, MAGNETIC CYLINDER
WITH FRONT SPRING

WITH SINGLE ACTING USAGE
PROVIDES MINIMUM AIR
CONSUMPTION AND EQUIPMENT
COSTS



PKS: COMPACT CYLINDERS WITH
SINGLE ACTING (SPRINGED FROM
FRONT)



PKS-A: MAGNETIC COMPACT
CYLINDERS WITH SINGLE ACTING
(SPRINGED FROM FRONT)

Example of order:

PKS-A

Product Code

020-050

Cylinder Ø
Stroke

M4

Variants from
Standard System

VARIANTS FROM STANDARD SYSTEM:

R1: Stainless Steel Piston Rod (SS 304-SS 316)

R4: Stainless Steel Nut for Piston Rod (SS 304)

R5: Piston Rod as CK45 (Hard Chrome Plated)

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K4: Piston Rod Seal Viton

Force:

Cylinder Ømm	Rod Ømm	Thrust and traction forces (6 Bar)											
		Thrust Force (N)	Traction Force (N)										
			Stroke5		Stroke10		Stroke15		Stroke20		Stroke25		
			F1	F2	F1	F2	F1	F2	F1	F2	F1	F2	
16	8	111	5	6	4	6	3	6	2	6	1	6	
20	10	160	8	9	7	9	6	9	5	9	4	9	
25	10	243	19	22	16	22	13	22	10	22	7	22	

Working Fluid:

Filtered and lubricated or filtered and not lubricated air

Operating Temperature Range:

Polyurethane (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+150°C)

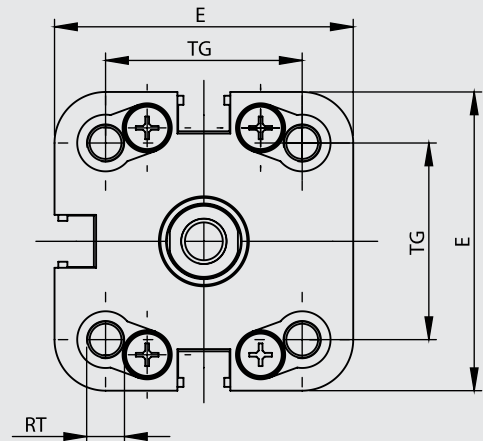
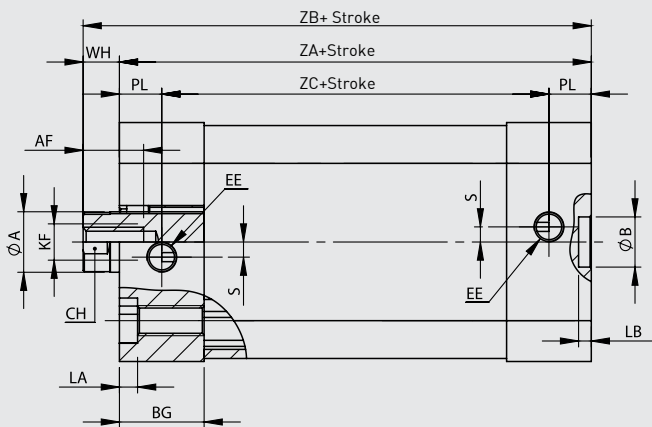
Max. Work Pressure:

10 Bar



PKS-A SERIES

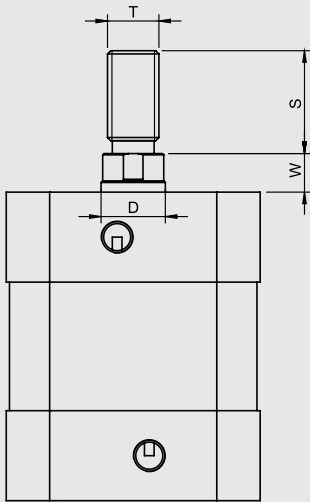
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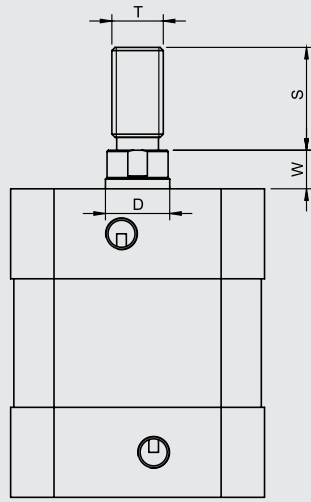
Cylinder Ø mm	ØA	CH	AF	WH	ZA	ZB	ZC	KF	EE	BG	TG	E	RT	LA	PL	ØB	LB	S
16	8	6	8	4,5	48	52,5	22	M4	M5x0.8	12,25	18	29	M4	3,5	8	6	4	0
20	10	9	10	6	37	43	23	M6x1	M5x0.8	14,25	22	36	M5x0.8	3	7	9	2,1	2,5
25	10	9	10	6	39	45	25	M6x1	M5x0.8	14	26	39,5	M5x0.8	3	7	9	2,1	2,5



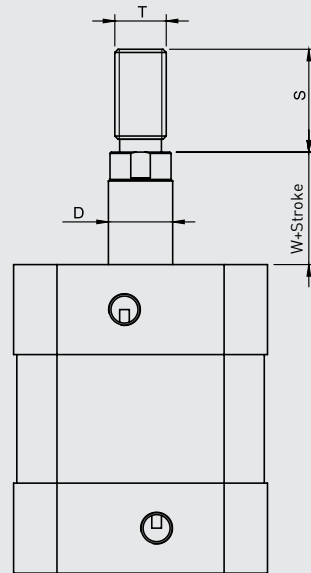
PK-T



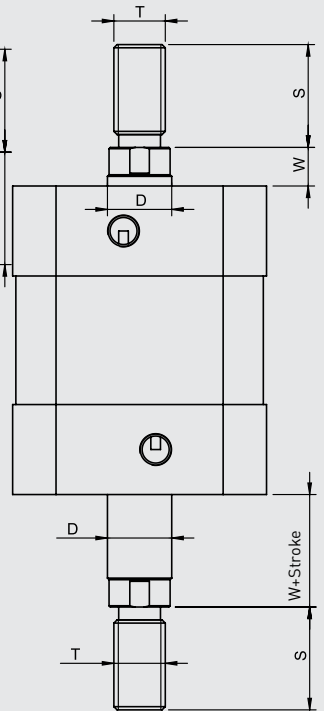
PKS-T



PKE-T



PKD-T



Cylinder type	Cylinder Ø mm	D	S	T	W
PK-PKS	16	8	20	M8x1.25	4,5
	20	10	16	M8x1.25	6
PKE-PKD	25	10	16	M8x1.25	6