



PNEUMATIC CYLINDERS

- ISO 6432
- ISO 15552



Exclusively distributed by **RUBIX** www.rubix.com



OUR
EXCLUSIVE
BRANDS

EFFICIENCY. AVAILABILITY. RELIABILITY.

CONTENTS

PNEUMATIC CYLINDERS

PNEUMATIC CYLINDER ISO 6432 - DOUBLE EFFECT – MAGNETIC – RUBBER CUSHION

Product Range:	81
Mounting For Cylinder ISO 6432	82
Foot Mounts For Cylinder ISO 6432	82
Angular Clevis.....	83
Flange	83

PNEUMATIC CYLINDER ISO 15552 - DOUBLE EFFECT – MAGNETIC – ADJUSTABLE CUSHION

Product Range.....	85
--------------------	----

MOUNTING FOR CYLINDER ISO 15552

Foot Mount For Cylinder ISO 15552.....	86
Flange Mounting For Cylinder ISO 15552	86
Clevis Foot For Cylinder ISO 15552	86
Swivel Flange For Cylinder ISO 15552	87
Clevis Pivot Bracket For Cylinder ISO 15552	87

ACCESSORIES FOR CYLINDERS

Rod Clevis	88
Double Knuckle Joint.....	88
Rod Floating Fitting	88
Tie Rod Joint.....	88

SENSORS FOR CYLINDERS

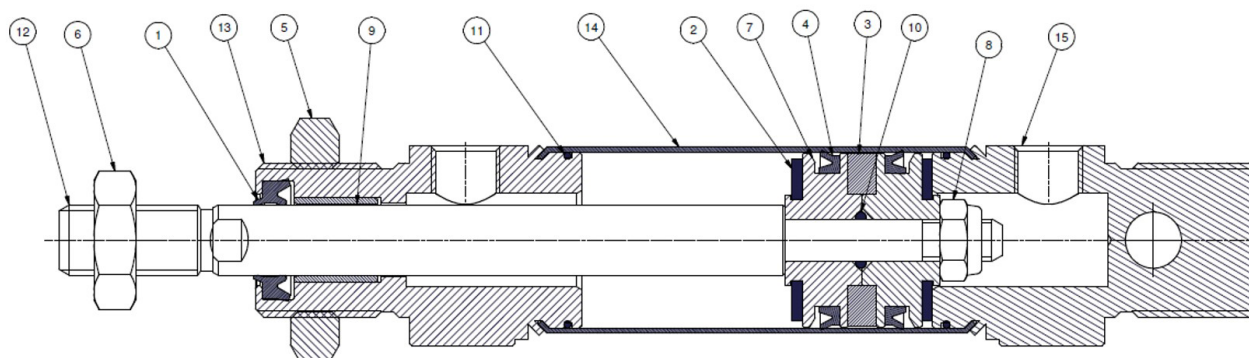
Sensors for T-slot cylinders	89
2 Wire cable with M8 connector	89
T-slot sensor clamp for mini cylinders ISO 6432.....	89

PNEUMATIC CYLINDER ISO 6432 DOUBLE EFFECT – MAGNETIC – RUBBER CUSHION



Stainless steel barrel and front and rear flanges in anodised aluminium, magnetic detection.

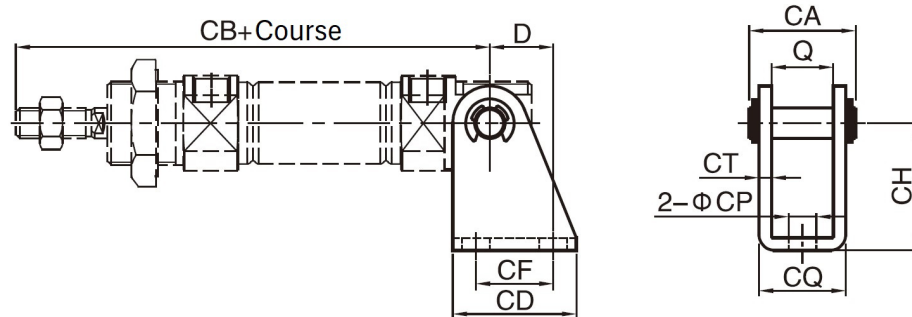
Bore (mm)	10	12	16	20	25
Stroke (mm)	25-40-50	15-20-25-40-50-75-80-100-125-150-160-200			
Acting type	Double acting				
Working medium	Compressed air according to ISO 8573-1:2010 (7:4:4)				
Working pressure (MPa)	0.1~1.0				
Guaranteed pressure (MPa)	1.5				
Working Temperature (C°)	-5~70 (Dry air)				
Speed Range (mm/s)	30~800				
Cushion type	Rubber Cushion				
Port size	M5x0.8				G1/8



No	Part Name	Material
1	Piston rod seal	TPU
2	Anti-bump cushion	NBR
3	Magnet	Plasto-Ferrite
4	Piston rod seal	NBR
5	Nut	Zink Plated Steel
6	Nut	Zink Plated Steel
7	Piston	Aluminium alloy
8	Nut	Zink Plated Steel
9	Self-lubrication bearing	Technopolymer
10	O-RING	NBR
11	O-RING	NBR
12	Piston rod	Stainless steel
13	Head cover	Aluminium alloy
14	Barrel	Stainless steel
15	Rear Cover	Aluminium alloy

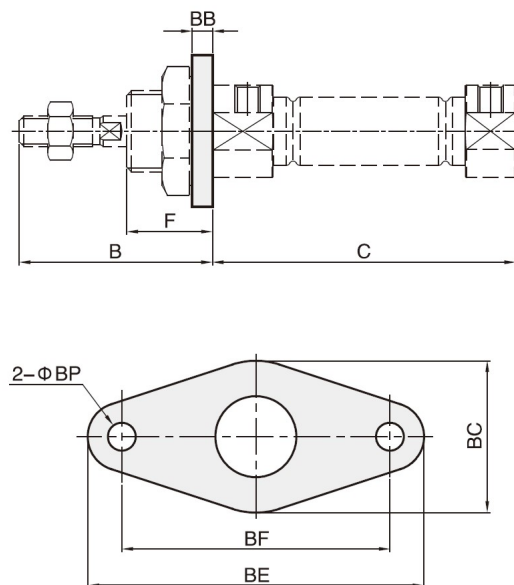
PNEUMATIC CYLINDER ISO 6432 DOUBLE EFFECT – MAGNETIC – RUBBER CUSHION

ANGULAR CLEVIS



Cylinder Bore	CB	CODE	D	Q	CD	CF	CH	CP	CQ	CT	CA
12	91	879534	13	121	25	15	27	5.5	17.1	2.5	21.5
16	98										
20	115	879535	16	16.1	32	20	30	6.6	24.1	4	29
25	126										

FLANGE



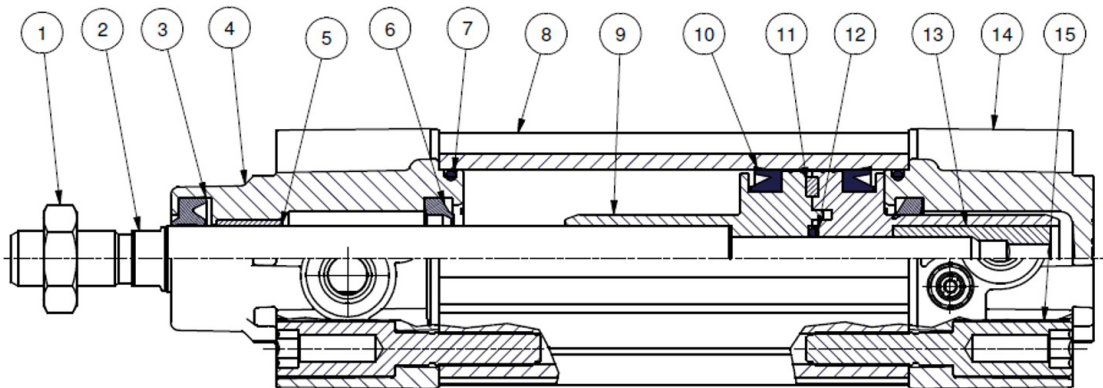
Cylinder Bore	B	C	F	CODE	BB	BC	BE	BF
12	38	50	17	879538	4	30	53	40
16	38	56	17					
20	44	62	20	879539	5	40	66	50
25	50	65	22					

PNEUMATIC CYLINDER ISO 15552 DOUBLE EFFECT – MAGNETIC – ADJUSTABLE CUSHION

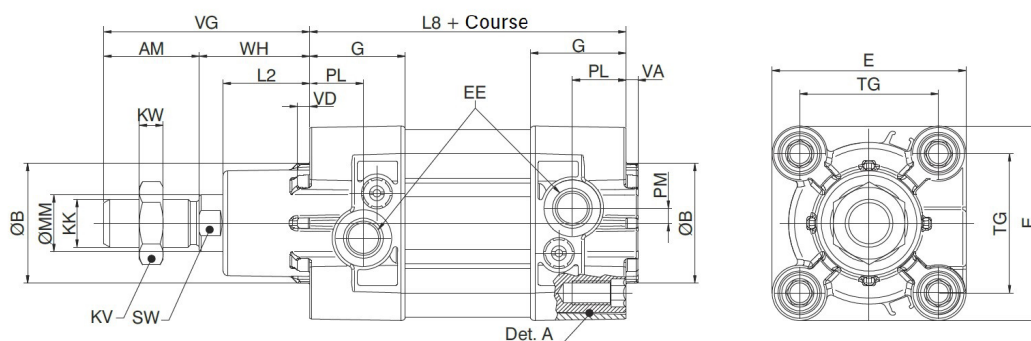


Pneumatic cylinder, profile body design, single rod, adjustable cushion, magnetic position detection.

Bore (mm)	32	40	50	63	80	100
Stroke (mm)	25-50-80-100-125-150-160-200-250-300-400-500					
Acting type	Double acting					
Working medium	Compressed air according to ISO 8573-1:2010 (7:4:4)					
Working pressure (MPa)	0.1~1.0					
Guaranteed pressure (MPa)	1.5					
Working temperature (C°)	-5~70 (Dry air)					
Speed Range (mm/s)	50~800					
Cushion type	Adjustable cushion					
Bore (mm)	G1/8	G1/4		G3/8		G1/2



No	Part name	Material
1	Nut	Carbon steel
2	Piston rod	C43 hard chromed carbon steel
3	Piston rod seal	TPU
4	Head cover	Aluminium alloy
5	Self-lubrication bearing	Generico
6	Cushion seal	TPU
7	O-RING	NBR
8	Barrel	Aluminium alloy
9	Piston	POM
10	Piston seal	NBR
11	Magnet	Plasto-Ferrite
12	O-RING	NBR
13	Piston nut	Aluminium alloy
14	rear cover	Aluminium alloy
15	Bolt	Carbon steel

**PNEUMATIC CYLINDER ISO 15552
DOUBLE EFFECT – MAGNETIC – ADJUSTABLE CUSHION**


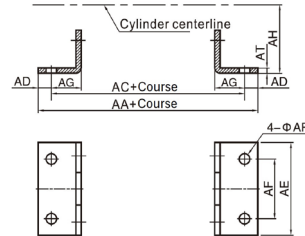
	Bore (mm)					
	32	40	50	63	80	100
AM	22	24	32	32	40	40
B (d 11)	30	35	40	45	45	55
BG	16	16	18	18	16	16
E	47	54	65	76	95	113
EE	G 1/8"	G 1/4"	G 1/4"	G 3/8"	G 3/8"	G 1/2"
G	30.	33	32	36	39.	42.
KK	M10X1.25	M12X1.25	M16x1.5	M16x1.5	M20x1.5	M20x1.5
KV	17	19	24	24	30	30
KW	6	7	8	8	9	9
L2	19	22	29	29	35	36
L3	4	4	5	5		
L8	94	105	106	121	128	138
MM	12	16	20	20	25	25
PL	13	16	18	18	16	18
PM	3	4	5	5.	3.	6
RT	M6	M6	M8	M8	M10	M10
SW	10	13	17	17	22	22
TG	33.	38	47.	56,5	72	89
VA	4	4	4	4	4	4
VB	33	41	51	51	65	71
VD	4	4	4	4	4	4
VF	12	12	16	16	20	20
VG	48	54	69	69	86	91
WH	26	30	37	37	46	51

PRODUCT RANGE

		Bore (mm)					
		32	40	50	63	80	100
Stroke (mm)	25	895847	895859	895871	895883	895895	895907
	50	895848	895860	895872	895884	895896	895908
	80	895849	895861	895873	895885	895897	895909
	100	895850	895862	895874	895886	895898	895910
	125	895851	895863	895875	895887	895899	895911
	150	895852	895864	895876	895888	895900	895912
	160	895853	895865	895877	895889	895901	895913
	200	895854	895866	895878	895890	895902	895914
	250	895855	895867	895879	895891	895903	895915
	300	895856	895868	895880	895892	895904	895916
	400	895857	895869	895881	895893	895905	895917
	500	895858	895870	895882	895894	895906	895918

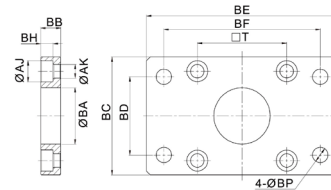
MOUNTING FOR CYLINDER ISO 15552

FOOT MOUNT FOR CYLINDER ISO 15552



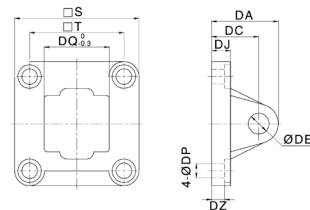
Code	Cylinder Bore	AA	AC	AD	AE	AF	AG	AH	AP	AT
879584	32	158	142	8	47	32	24	32	7	4
879585	40	179	161	9	53	36	28	36	9	4
879586	50	190	170	10	65	45	32	45	9	5
879587	63	209	185	12	75	50	32	50	9	5

FLANGE MOUNTING FOR CYLINDER ISO 15552



Code	Cylinder Bore	AJ	AK	BA	BB	BC	BD	BE	BF	BH	BP	T
879588	32	11	7	30.5	10	47	32	80	64	4.5	7	32.5
879590	40	11	7	35.5	10	53	36	90	72	4.5	9	38
879591	50	14	9	40.5	12	65	45	110	90	5.5	9	46.5
879592	63	14	9	45.5	12	75	50	125	100	5.5	9	56.5

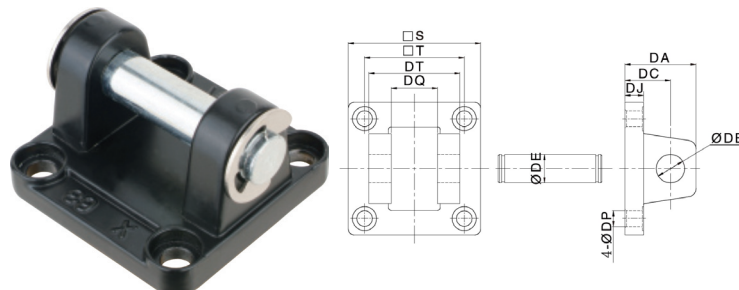
CLEVIS FOOT FOR CYLINDER ISO 15552



Code	Cylinder Bore	S	T	DC	DD	DE	DJ	DQ
879594	32	47	32.5	22	9	10	13	25.8
879595	40	53	38	25	12	12	16	27.8
879596	50	65	46.5	27	12	12	17	31.8
879597	63	75	56.5	32	15	16	22	39.7

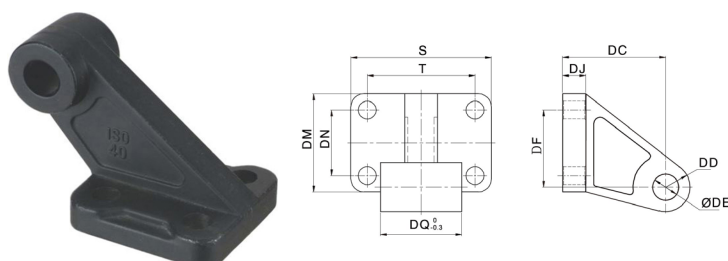
MOUNTING FOR CYLINDER ISO 15552

SWIVEL FLANGE FOR CYLINDER ISO 15552



Code	Cylinder Bore	CC	CD	CE	CJ	CP	CT	S	T
879599	32	22	9	10	13	26	45	47	32.5
879600	40	25	12	12	16	28	52	53	38
879601	50	27	12	12	17	32	60	65	46.5
879602	63	32	15	16	22	40	70	75	56.5

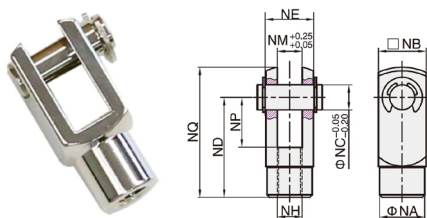
CLEVIS PIVOT BRACKET FOR CYLINDER ISO 15552



Code	Cylinder Bore	S	T	DC	DD	DE	DF	DJ	DQ	DM	DN
879604	32	51	38	32	10	10	21	8	25.8	31	18
879605	40	54	41	36	11	12	24	10	27.8	35	22
879606	50	65	50	45	13	12	33	12	31.8	45	30
879607	63	67	52	50	15	16	37	12	39.7	50	35

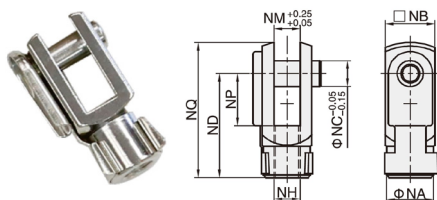
ACCESSORIES FOR CYLINDERS

ROD CLEVIS



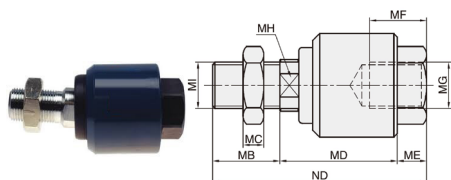
CODE	NH	NA	NB	NC	ND	NM	NP	NQ
879609	M6X1	10	12	6	24	6	12	31
879610	M8X1.25	14	16	8	32	8	16	42
879611	M10X1.25	18	20	10	40	10	20	52
879612	M12X1.25	20	24	12	48	12	24	62
879613	M16X1.5	26	32	16	64	16	32	83

DOUBLE KNUCKLE JOINT



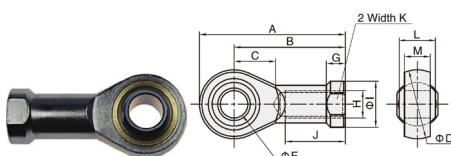
CODE	NH	NA	NB	NC	ND	NM	NP	NQ
879615	M6X1	10	12	6	24	6	12	31
879616	M8X1.25	14	16	8	32	8	16	42
879617	M10X1.25	18	20	10	40	10	20	52
879618	M12X1.25	20	24	12	48	12	24	62
879619	M16X1.5	26	32	16	64	16	32	83

ROD FLOATING FITTING



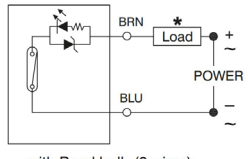
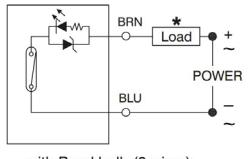
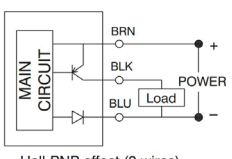
CODE	MG / MI	ND	MB	MC	MD	ME	MF	MH
879621	M6X1	35	13	5	17	5	8	7
879622	M8X1.25	54	21	6	27	6	12	8
879623	M10X1.25	59.5	21	6	30.5	8	13	10
879624	M12X1.25	64.5	21	7	35.5	8	15	12
879625	M16X1.5	90.5	30	8	47.5	13	23	15

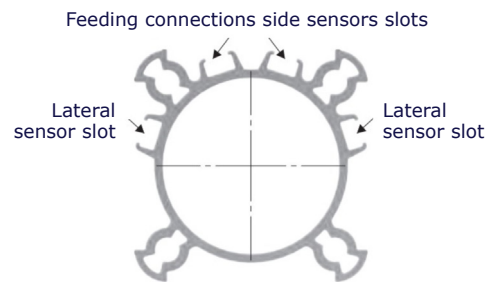
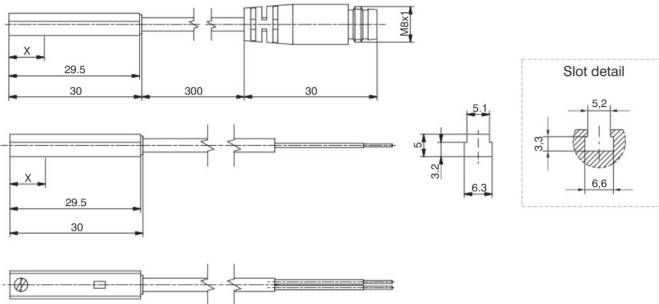
TIE ROD JOINT



CODE	H	A	B	C	D	E	G	I	J	K	L	M
879627	M6X1	40.5	31	11	20	6	7	13	18	11	9	7
879628	M8X1.25	48	36	12	24	8	7.5	16	20	14	12	9
879629	M10X1.25	57.5	44	15.5	28	10	8	19	25	17	14	10.5
879630	M12X1.25	66.5	51.5	17	32	12	9.5	22	25	19	16	12
879631	M16X1.5	85	65	25	40	16	11	27	35	24	21	15

SENSORS FOR T-SLOT CYLINDERS

			
Code	896088	896089	896090
Cable	2 wire cable 2.5m with led	2 wire cable 300mm with led with M8 connector	3 wire cable 2.5m with led
Switch logic	Normally Open	Normally Open	Normally Open
Sensor type	Ampulla Reed – No Contact type	Ampulla Reed – No Contact type	Hall Effect PNP (output)
Connect Diagram	 with Reed bulb (2 wires)	 with Reed bulb (2 wires)	 Hall-PNP effect (3 wires)
Maximum current	100mA	100mA	100mA
Maximum permanent power	14 VA – 10W	14 VA – 10W	3 W
Voltage range	5 – 230V DC/AC	5 – 30V DC/AC	10 – 30 V DC
Working temperature	10-70 °C	10-70 °C	10-70 °C
Maximum voltage drop	3.5V	3.5V	2V
Cable section (mm²)	2 x 0.14 ø3.3mm PUR	2 x 0.14 ø3.3mm PUR	3 x 0.14 ø3.3mm PUR
Enclosure classification	IP67	IP67	IP67
X: point of communication	15mm	15mm	8mm



2 WIRE CABLE WITH M8 CONNECTOR



CODE	Length
896098	2.5m
896099	5m

Connector

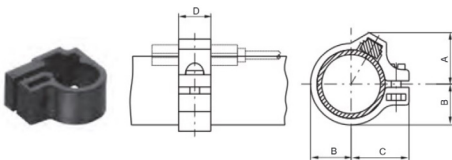


Sensor



1 Brown (+)
4 Blue (-)
3 Not use

T-SLOT SENSOR CLAMP FOR MINI CYLINDERS ISO 6432



CODE	Cylinder Bore	A	B	C	D
896092	10	12	7.5	13.5	10
896093	12	13	8.5	15	10
896094	16	14.5	10.5	16	10
896095	20	16	12.5	18	10
896096	25	17.5	15.3	20.5	10