

Serie 879517 Pneumatic Cylinder ISO 6432



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

Specifications :

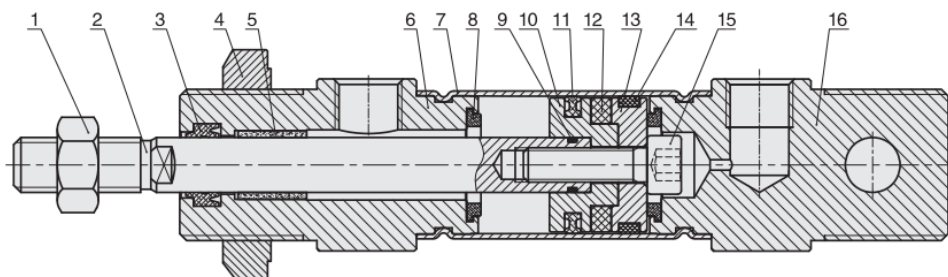
Bore (mm)	8	10	12	16	20	25
Stroke (mm)	25-50-80		25-50-80-100-125-160-200			
Acting type	Double acting					
Working medium	Clean air (filtration 40 μm)					
Working pressure (MPa)	0.1~0.7					
Guaranteed pressure (MPa)	1.5					
Working pressure (C°)	-20~80 (Dry air)					
Speed Range (mm/s)	30~800					
Cushion type	Rubber Cushion					
Port size	M5x0.8				G1/8	

Standard items on stock:

Code	Bore (mm)	Stroke (mm)
887728	8	25
887729	8	50
887730	8	80
887731	10	25
887732	10	50
887733	10	80
887738	12	25
887739	12	50
887740	12	80
887734	12	100
887735	12	125
887736	12	160
887737	12	200
879518	16	25
879519	16	50
887741	16	80
879520	16	100
887742	16	125
887743	16	160
887744	16	200

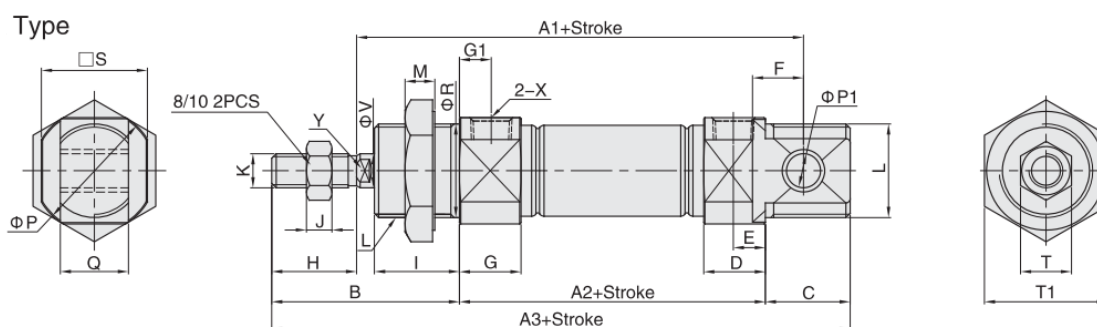
Code	Bore (mm)	Stroke (mm)
879521	20	25
879522	20	50
879523	20	80
879524	20	100
887745	20	125
887746	20	160
887747	20	200
879525	25	25
879526	25	50
879527	25	80
879528	25	100
887748	25	125
887749	25	160
887750	25	200

Internal Structure :



No	Part Name	Material
1	Nut	Carbon Steel
2	Piston rod	Hard Chrome Carbon Steel
3	Piston rod seal	NBR
4	Nut	Carbon Steel
5	Self-lubrification bearing	Bronze powder
6	Head cover	Aluminium alloy
7	Barrel	Stainless steel
8	Anti-bump cushion	TPU
9	O-ring	NBR
10	Piston	Aluminium alloy
11	Piston seal	NBR
12	Magnet	Plastic
13	Magnet base	Aluminium alloy
14	Wear ring	PTFE
15	Hexagonal screw	Carbon Steel
16	Rear Cover	Aluminium alloy

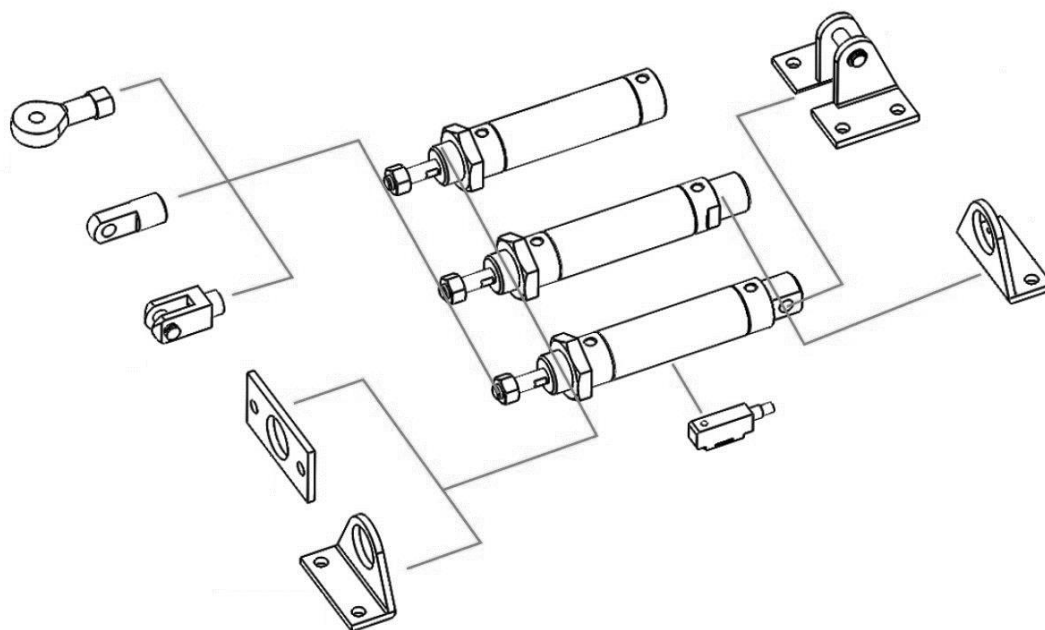
Main Dimensions:



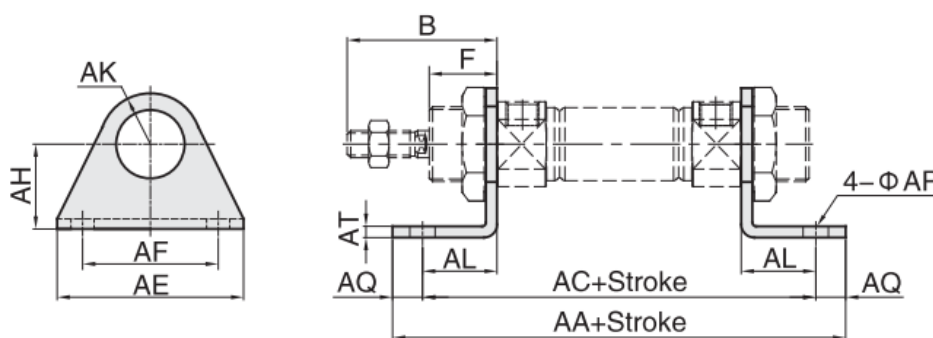
Cylinder Bore	A1	A2	A3	B	C	D	E	F	G	H	I	J	K	L	M	P	P1	Q	R	S
8	64	45	86	28	12	9.5	5.2	6	12	12	12	3	M4X1.25	M12X1.25	7	17	4	8	12	15
10	64	45	86	28	12	9.5	5.2	6	12	12	12	3	M4X1.25	M12X1.25	7	17	4	8	12	15
12	75	50	105	38	17	10	5	9	12	16	17	5	M6X1.0	M16X1.5	6	20	6	12	16	18
16	82	56	111	38	17	10.50	5.5	9	13	16	17	5	M6X1.0	M16X1.5	6	22	6	12	16	20
20	95	62	126	44	20	14.50	7.5	12	15	20	20	6	M8X1.25	M22X1.5	7	29	8	16	22	25
25	104	65	137	50	22	16	8	12	16	22	22	6	M10X1.25	M22X1.5	7	34	8	16	22	30

Serie 879529- Accessories for Cylinder ISO 6432

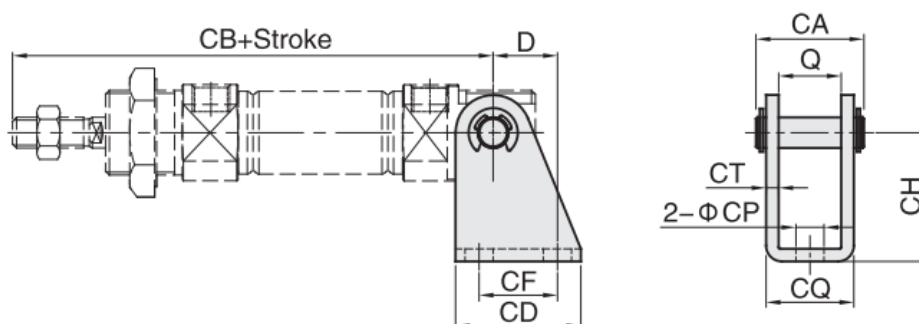
C



Foot mounts for cylinder iso 6432

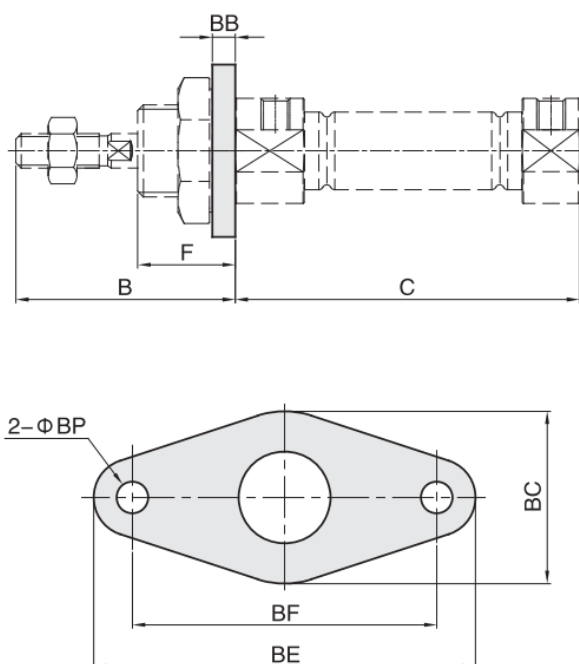
[illegible]

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										

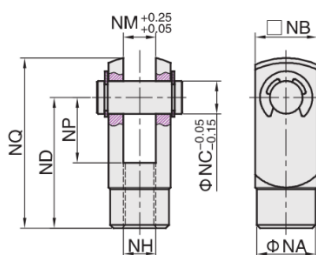
Flange :



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					

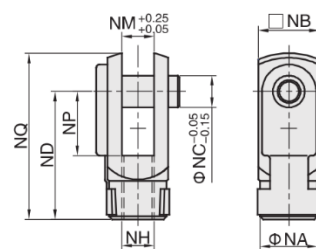
Serie 879608- Accessories for Cylinders

Rod Clevis



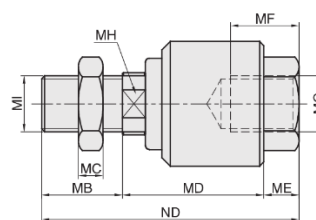
CODE	NH	NA	NB	NC	ND	NM	NP	NQ
879609	M6X1	10	12	6	24	6	12	31
879610	M8X1.25	14	16	8	32	8	16	42
879611	M10X1.25	18	20	10	40	10	20	52
879612	M12X1.25	20	24	12	48	12	24	62
879613	M16X1.5	26	32	16	64	16	32	83

Double Knuckle Joint



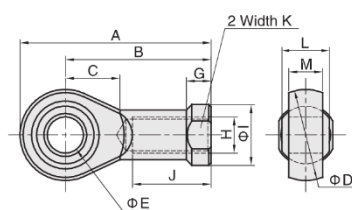
CODE	NH	NA	NB	NC	ND	NM	NP	NQ
879615	M6X1	10	12	6	24	6	12	31
879616	M8X1.25	14	16	8	32	8	16	42
879617	M10X1.25	18	20	10	40	10	20	52
879618	M12X1.25	20	24	12	48	12	24	62
879619	M16X1.5	26	32	16	64	16	32	83

Rod Floating Fitting



CODE	MG	ND	MB	MC	MD	ME	MF	MH	MI
879621	M6X1.0	35	13	5	17	5	8	7	M6X1.0
879622	M8X1.25	54	21	6	27	6	12	8	M8X1.25
879623	M10X1.25	59.5	21	6	30.5	8	13	10	M10X1.25
879624	M12X1.25	64.5	21	7	35.5	8	15	12	M12X1.25
879625	M16X1.5	90.5	30	8	47.5	13	23	15	M16X1.5

Tie Rod Joint

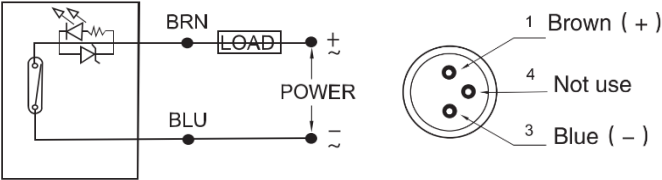
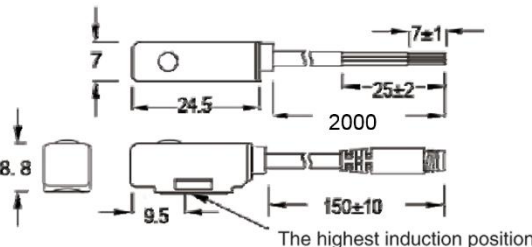


CODE	H	A	B	C	D	E	G	I	J	K	L	M
879627	M6X1	40.5	31	11	20	6	7	13	18	11	9	7
879628	M8X1.25	48	36	12	24	8	7.5	16	20	14	12	9
879629	M10X1.25	57.5	44	15.5	28	10	8	19	25	17	14	10.5
879630	M12X1.25	66.5	51.5	17	32	12	9.5	22	25	19	16	12
879631	M16X1.5	85	65	25	40	16	11	27	35	24	21	15

879632 - STARIC / REED DETECTOR FOR CYLINDER ISO 6432



2 wire static / reed switch, Normally open, Red LED indicator 2 meters cable, IP67 rated for cylinders ISO 6432

Code	879633	879634
Wiring method		2-Wire Type
Wire length		2 meters
Indicator		Red LED
Cable	3.2 ϕ , 2C, Grey colour, oil resistance PVC	
Enclosure classification	IEC 529 IP67 (NEMA 6)	
Protection circuit	None	Output short circuit protection, Surge absorption Protection
Switching logic	SPST Normally Open	Electronic no Contact type N.O.
Sensor type	Reed switch	None Contact Type
Operating voltage	5 - 240V DC/AC	10-28V DC
Max. switching current	100mA max.	50mA max.
Contact rating	10W max	1.4W max
Current consumption	None	40 μ Amax@24V
Voltage drop	2.5V max @100mA DC	2.8V max
Leakage current	None	90 μ Amax@28V
Max. exchange frequency	200Hz	1000Hz
Temperature range	10-70 C	
Shock	30G	50G
Vibration	9G	
Connect Diagram		
Dimension	 The highest induction position	