Standard cylinder (Sensor mountable type)

Mini Bit Cylinder MBDAS Series

*Total length: up to 41percent reduction. volume: up to 67percent reduction (compared with Koganei multi-mount cylinders).



Bore mm	Stroke mm	Port
4.5-10	4-20	M3×0.5

Knock Cylinder NDAS Series

- *Short body and versatile installation result in a simplified mechanical device.
- *Compact and lightweight single acting type achieves remarkable space-saving effects.
- *Central locator and wrench flats on the body allow solid and highly accurate installation.

Bore mm	Stroke mm	Port
6-16	5-30	M5×0.8



Pen Cylinder PBDAS Series

- •Series ranges from 2.5mm to 16mm; conforming to the non-ion standard for all models.
- Wide variation of 15 models including madeto-order products.

Bore mm	Stroke mm	Port
2.5-16	5-200	M3;M5; with fitting



Multi Mount Cylinder BDAS Series

- •Easy-to-handle miniature 4mm sensor switch can be installed.
- Non-rotating type is also available; which can respond to various needs with high nonrotating accuracy.
- *Square & compact body and mounting brackets make various installations possible.

Bore mm	Stroke mm	Port
6-16	5-30	M5x0.8



High Multi Cylinder YMDAS Series

- *Square body and six-surface mounting facilitates compact, direct mounting.
- •Mounts a linear guide to save space and pursue non-rotating accuracy.
- Embedded sensor switch does not protrude from body..
- ${}^{\star}\text{Use}$ in embedded sensor mounting grooves on two surfaces of the body.

Bore mm	Stroke mm	Port
6-20	5-30	M5×0.8



Jig Cylinder C Series CDAS Type

- *New variations of "Stroke-adjustable cylinder" and "Low-friction cylinder" are added to the Series in May, 2008.
- Short and compact body achieves total space saving.
- Responds to various needs with cylinder bores from 6mm to 100mm and versatile functions.
- A square rod with non-rotating function can provide a highly efficient design for mechanical devices

Bore mm	Stroke mm	Port
6-100	5-300	M3;M5;Rc1/8; Rc1/4;Rc3/8



Jig Cylinder JC Series JCDAS Type

- *Mounting conforms to the new standard JIS B 8368.
- *Uses a rod packing with scraper in one piece for improved durability.
- *Selection of Rod end type can be selected either female or male thread with five mounting types.

Bore mm	Stroke mm	Port
20-100	5-100	M5;Rc1/8; Rc1/4;Rc3/8



Slim Cylinder DA Series

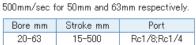
- *Various variations respond flexibly to all kinds of needs.
- Becomes standard for small and medium cylinders with its high quality and high reliability in design using stainless steel tube.
- *Can operate at high speed of 700mm/sec and 500mm/sec for 50mm and 63mm respectively.

Bore mm	Stroke mm	Port
20-63	15-500	Rc1/8;Rc1/4



Slim Cylinder DA Series

- •Various variations respond flexibly to all kinds of needs.
- Becomes standard for small and medium cylinders with its high quality and high reliability in design using stainless steel tube.
 Can operate at high speed of 700mm/sec and





Twinport Cylinder TWDA Series

- •Innovative air cylinder uses dual tube structure.
- •Piping ports concentrated onto one surface to eliminate dead space.
- *Compact & highly rigid mount allows spacesaving; small mounting pitch and highly accurate installation.

Bore mm	Stroke mm	Port
16-40	15-300	M5;Rc1/8



DYNA Cylinder DDA Series

- Rich series lineup and mounting types conforming to ISO standards allow the series to become the standard of tie rod type medium cylinders.
- Variations include; non-rotating; with brake e.t.c. and bore ranges from 32mm to 125mm.
- *New cushion needles and floating packing make the series even more easier to use.

Bore mm	Stroke mm	Port
32-100	50-1000	Rc1/8;Rc1/4; Rc3/8;Rc1/2



SD Cylinder KA_SD Series

- •Achieves complete non-lubrication for all cylinders
- *Series lineup equals to the one of medium cylinder; such as standard type; heavy-duty rod and double rod.



Bore mm	Stroke mm	Port
125-200	0-1000	Rc1/2;Rc3/4