

**MATERIAL**

C10 zinc-plated steel.

**BASE**

C10 zinc-plated steel.

**HEXAGON-SOCKET HEAD SCREWS WITH COUNTERSINK FOR CYLINDER SUPPORT**

Black-oxide steel.

**CYLINDER SUPPORT BUSHINGS**

Hardened steel.

**CYLINDER BODY AND HEADERS**

Aluminium.

**ROTATING PINS AND SEEGER RINGS**

Aluminium.

**PUSH LEVER**

AISI 420 stainless steel.

**STANDARD EXECUTIONS**

- **PVD-APV**: with open clamping lever and two folded washers.
- **PVD-EPV**: with solid clamping lever and bolt retainer.

**MAXIMUM WORKING PRESSURE**

6 bars.

**MAX WORKING TEMPERATURE**

70°C.

**CLAMPING BOLT**

To be ordered separately.

**FEATURES AND APPLICATIONS**

All articulated joints are lubricated with special grease.

PVD. pneumatic clamps can be installed on two different fixing surfaces.



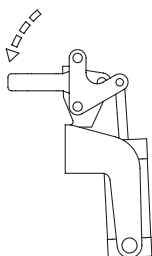
They are all equipped with a magnetic cylinder which, through the use of the proximity switch PSWX (see page -) (to be ordered separately) gives drive and/or control impulses while active.

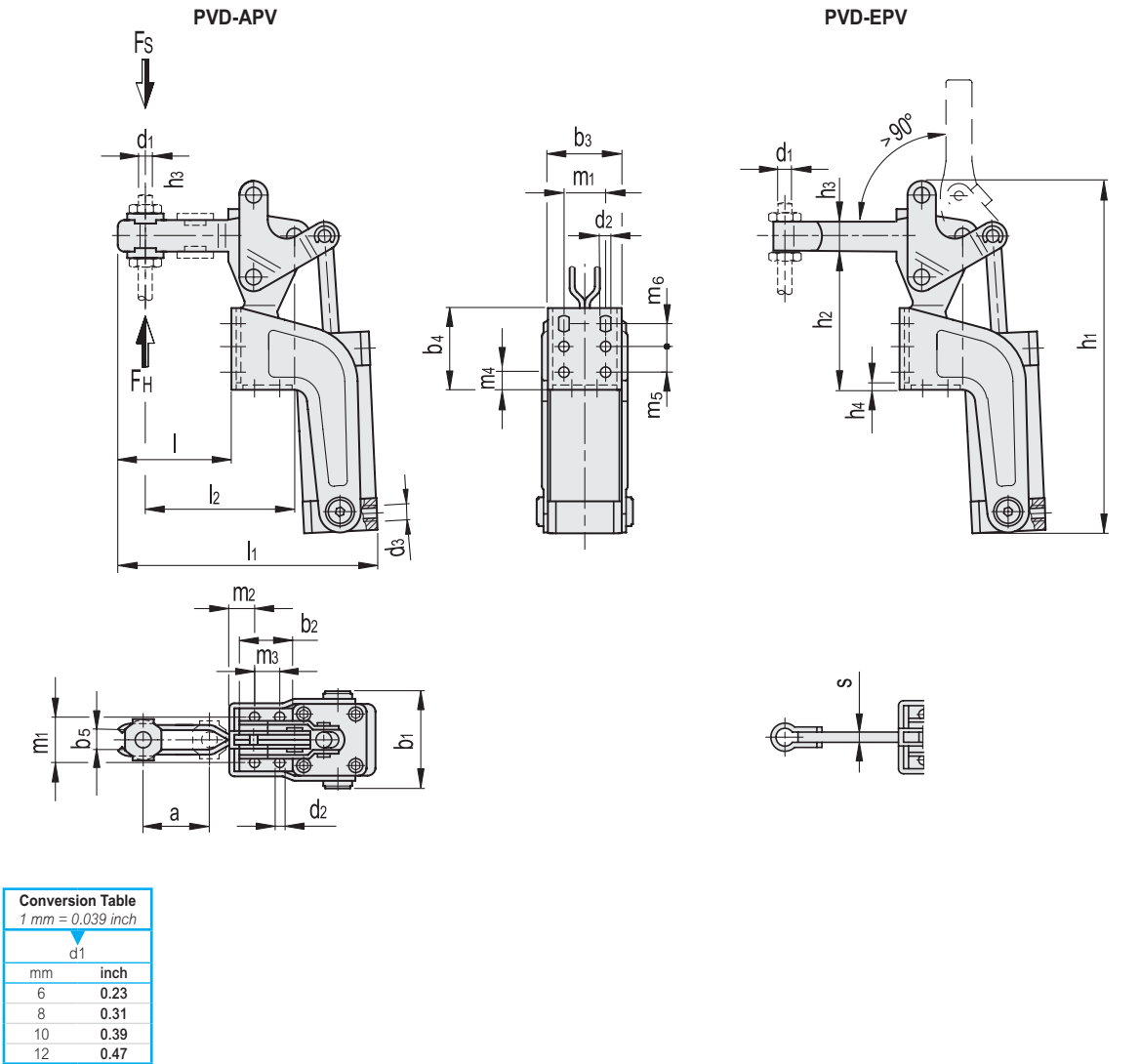


All magnetic cylinders are equipped with an automatic pneumatic brake in the rear head.



Using a lubrication filter assembly is necessary for the cylinder to work properly for a long time, whereas flow regulators are recommended to guarantee long life of mechanical components.





PVD-APV

METRIC

Code	Description	a	b1	b2	b3	b4	b5	d1	d2	d3	h1	h2	h3	h4	l	l1	l2	m1	m2	m3	m4	m5	m6	e	r	FH* [N]	FS# [N]	⚖
GG.AO404	PVD.75/APV	20	47	22	40	30	5.2	M5	4.5	M5	151	43	11	2	34	99	56.5	24	8.5	12.5	10	12.5	-	12.5	-	750	570	500
GG.AO412	PVD.130/APV	28	51	28	47	49	6.2	M6	5.6	G1/8	167	70	16	2.5	41	118	72	27	13	12.5	16	12.5	12.5	12.5	12.5	1100	610	750
GG.AO420	PVD.230/APV	40	58	32	46	51	8.5	M8	6.5	G1/8	218	87	18	3	62	153	94.5	26	14	16	11	16	14.25	16	14.25	2200	1260	1250
GG.AO432	PVD.330/APV	45	70	45	56	79	10.5	M10	8.5	G1/4	263	108	22	3.5	68	182	110	30	16	28	19	30	20	30	20	2600	1800	2200

PVD-EPV

Code	Description	b1	b2	b3	b4	d1	d2	d3	h1	h2	h3	h4	l	l1	m1	m2	m3	m4	m5	m6	e	r	s	FH* [N]	FS# [N]	⚖
GG.AO406	PVD.75/EPV	47	22	40	30	M5	4.5	M5	151	43	11	2	35	99	24	8.5	12.5	10	12.5	-	12.5	-	4	750	570	500
GG.AO414	PVD.130/EPV	51	28	47	49	M6	5.6	G1/8	167	70	16	2.5	42	119	27	13	12.5	16	12.5	12.5	12.5	12.5	5	1100	610	750
GG.AO422	PVD.230/EPV	58	32	46	51	M8	6.5	G1/8	218	87	18	3	63	155	26	14	16	11	16	14.25	16	14.25	6	2200	1260	1255
GG.AO434	PVD.330/EPV	70	45	56	79	M10	8.5	G1/4	263	108	22	3.5	70	184	30	16	28	19	30	20	30	20	7	2600	1800	2200

* Holding force.
Clamping force ~6 bar.

