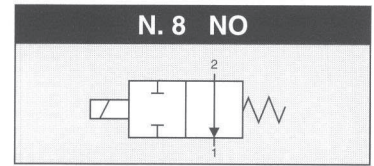
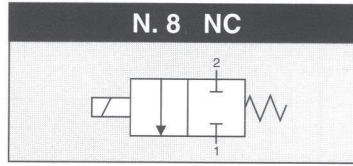


CONTROL: DIRECT PFM PNM PWM



GENERAL CHARACTERISTICS

FLUID	Non-lubricated dry air, neutral gases (-10 + 50°C)		
FILTRATION RATING	Min 40 micron		
TEMPERATURE	- 10 + 50°C (Standard version)		
RESPONSE TIME IN OPENING	12 / 24 < 7 ms	JJ < 5 ms	XX / KK < 2 ms
RESPONSE TIME IN CLOSING	12 / 24 < 3 ms	JJ < 2 ms	XX / KK < 2 ms
MAXIMUM FREQUENCY	100 Hz	200 Hz	300 Hz
WEIGHT	350 g		
PRODUCT LIFE EXPECTANCY	≥ 500 M/s cycles		
IP RATING	IP 52 - IP 62 - IP 65		

IDENTIFICATION CODE

	H	X	7	5	8	8	E	V	C	2	24
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**ORIFICES**

H	Ø eq = 0.9 mm
B	Ø eq = 1.3 mm
M	Ø eq = 1.5 mm (control tension JJ XX KK)

**VERSION**

	Standard
H	HNBR Shutters

**No. ELECTRICAL CONTROLS**

8	8 Control
D	8 Controls / Integrated diodes with common 0 V
G	8 Controls / Integrated diodes with common 12 / 24 V

**OUTLETS**

8	8 Outlets
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**PORT CONNECTION**

O	Integrated cables IP 62 L = 500 mm
E	Presetting for Easy connection IP 52 - IP 65

**SPECIAL PROTECTIONS**

	Only with EASY IP 65 port connection
M	Stainless steel (INOX) flanges
N	EPOX BLACK varnished flanges

**FUNCTION**

A	NO
C	NC

**TYPE**

2	2/2
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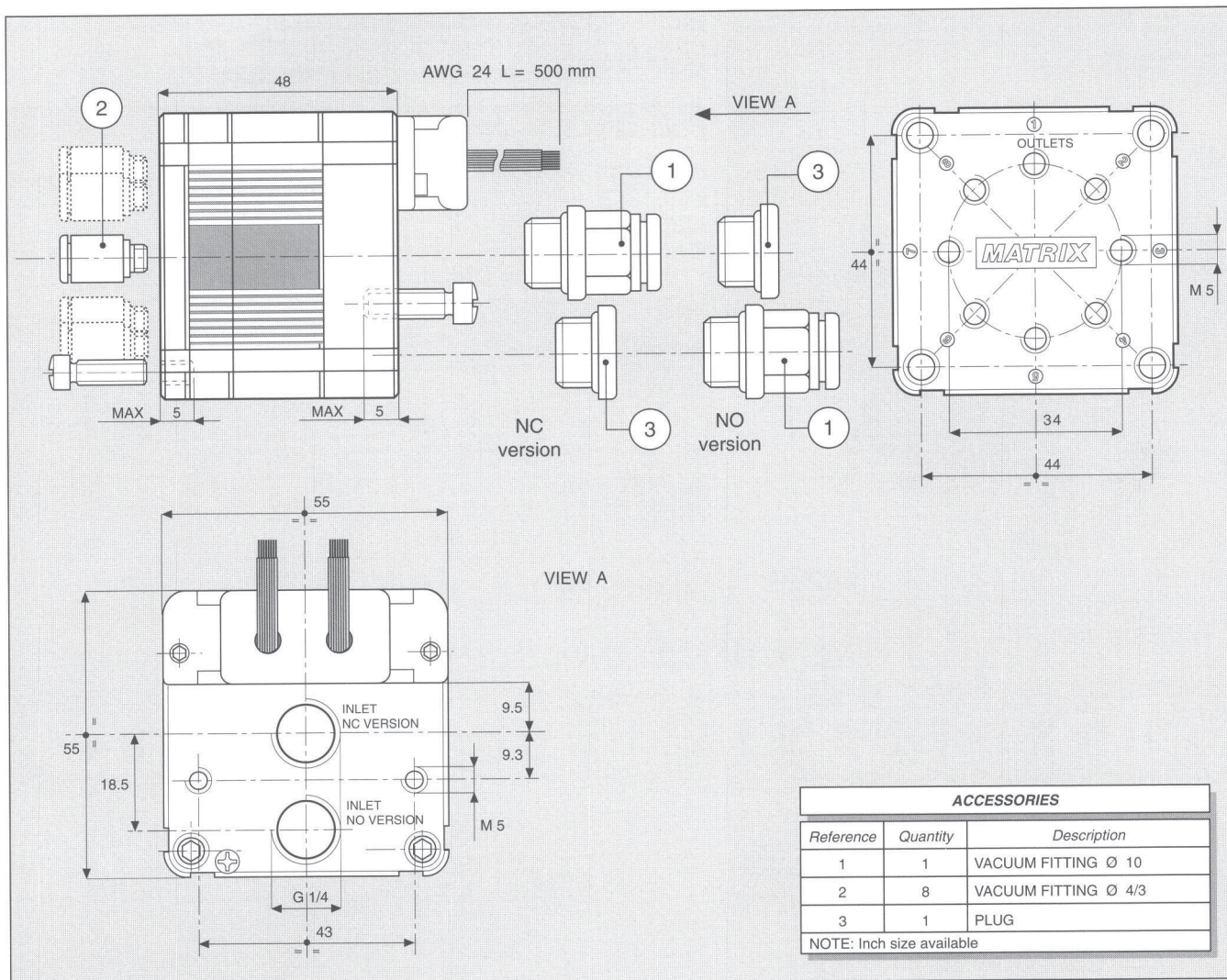
**CONTROL TENSION**

12	12 VDC ± 10 %	ED 100 %	1.4 W
24	24 VDC ± 10 %	ED 100 %	1.2 W
JJ	24 VDC ± 10 %	ED 100 % <sup>(1)</sup>	1.9 W
XX	Speed-up in current	ED 100 % <sup>(1)</sup>	—
KK	Speed-up in tension	ED 100 % <sup>(1)</sup>	—

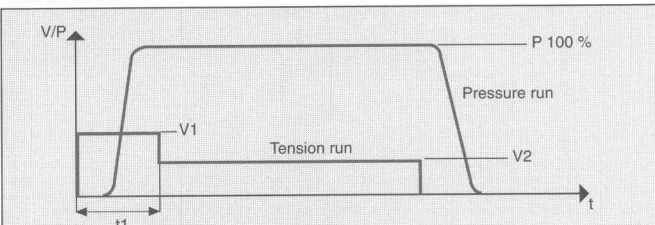
(1) Only with Electronic Driver Boards PRB or UDB

**OPERATING PRESSURE**

	RANGE	MODELS
V	10 <sup>-5</sup> Torr	All



CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS KK



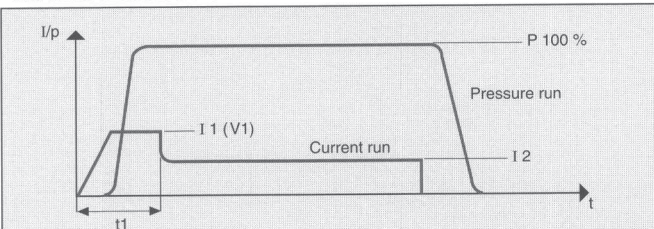
N.B. KK MODELS ARE CONTROLLED IN TENSION

V1 = 24 VDC

t1 = 2 ms

V2 = 5 VDC

CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX



N.B. XX MODELS ARE CONTROLLED IN CURRENT

I1 = 0.7 A

t1 = 2 ms

I2 = 0.3 A

ELECTRICAL PORT CONNECTION

COLOUR	8 CONTROLS
BLACK	COMMON
BROWN	1
RED	2
ORANGE	3
YELLOW	4
GREEN	5
BLUE	6
VIOLET	7
GREY	8