

3/2 MECHANICAL VALVE 1/8 (N)VM400 SERIES

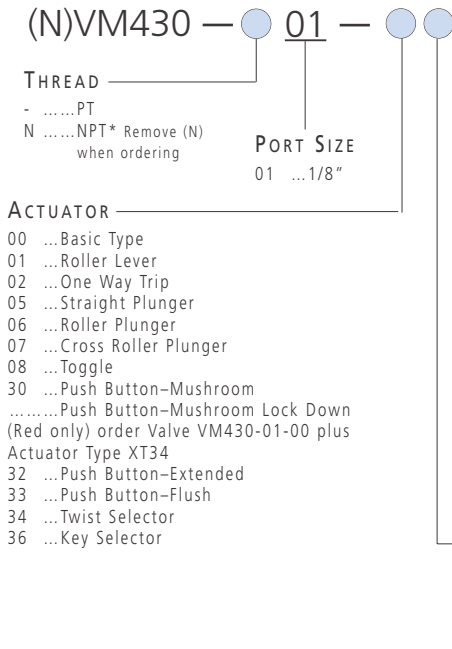
- ✓ 3/2 Normally Open or Normally Closed Valve
- ✓ Many Different Actuators
- ✓ Cv 0.38 Flow

TECHNICAL SPECIFICATIONS

Fluid	Air
Operating Pressure	0 ~ 1MPa / 0 ~ 145PSI
Ambient & Fluid Temperature	5 ~ 60°C / 41 ~ 140°F
Effective Orifice (Cv Factor)	7mm ² (0.38)
Recommended Lubricant	SMC Lubricant (ISO VG32)
Port Size	1/8

HOW TO ORDER

(N)VM400 VALVE



HOW TO ORDER

(N)VM400 ACTUATOR ONLY

.....PART NO.APPLICATION

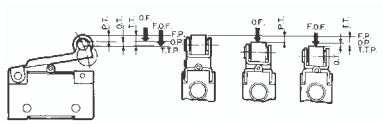
MECHANICAL OPERATION

Basic.....
Roller Lever	VM-01APolyacetal roller
Roller Lever	VM-01ASHardened Steel Roller
One Way Trip	VM-02APolyacetal roller
One Way Trip	VM-02ASHardened Steel Roller
Straight Plunger	VM-05A
Roller Plunger	VM-06APolyacetal roller
Roller Plunger	VM-06ASHardened Steel Roller
Cross Roller Plunger	VM-07APolyacetal roller
Cross Roller Plunger	VM-07ASHardened Steel Roller

MANUAL OPERATION

Toggle	VM-08A
Push Button-Mushroom ..	VM-30ARRed
Push Button-Mushroom ..	VM-30ABBlack
Push Button-Mushroom ..	VM-30AGGreen
Push Button-Mushroom Lock down	XT34-11-21R Red
Push Button-Extended	VM-32ARRed
Push Button-Extended	VM-32ABBlack
Push Button-Extended	VM-32AGGreen
Push Button-Flush	VM-33A
Twist Selector	VM-34ARRed
Twist Selector	VM-34ABBlack
Twist Selector	VM-34AGGreen
Key Selector	VM-36A

KEY TO DIMENSIONAL TABLES



- F.O.F. (Full Operating Force) ...Required force to total travel position
- P.T. (Pre Travel)From free position to initial valve opening position
- O.T. (Over Travel).....From initial valve opening position to total travel position
- T.T. (Total Travel)From free position to total travel position



If these valves are used for guarding or safety interlock systems, installation and application should be as per BS5304: 1988. Careful note should be taken of the operating principles and design of different ranges of mechanical valves when specifying valves for safety related systems.

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DETAILS OF YOUR LOCAL SALES OFFICE

FOR FURTHER TECHNICAL
DETAILS ON THIS
PRODUCT REQUEST
CATALOG REFERENCE
E104 & N261