

inside FIP



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FIP coding system



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- FIP introduce a new coding system in order to definitely identify the whole range of products.
- The principle adopted is very simple but efficient, combining the traditional FIP product's names, worldwide already used, with additional information to identify the size and the seal material. The traditional FIP product's names typically contains important information as the pipe Standard connection and the thermoplastic material whom the product is made of.
- The last part of the code is composed by 3 digits for each size and 1 digit for the seal material. This new coding system will give thus an exhaustive description for a simple identification of each item in only 15 digits.

Product's name
VKDIM NC

VKD (Valve model)

VKD ball 2-way Dual Block®
VX ball 2-way multi-purpose
VE ball 2-way water
TKD ball 3-way Dual Block® T ball
LKD ball 3-way Dual Block® L ball
VT ball 3-way
FK butterfly multi-purpose
FE butterfly water
VM diaphragm
VMU unionised diaphragm
CM compact diaphragm
CMU unionised compact diaphragm
DM direct acting diaphragm (only pneumatically actuated)
DMU unionised direct acting diaphragm
MK piston actuated diaphragm
MKU unionised piston actuated diaphragm
RV strainer
RVU unionised strainer
VR piston check valve
VRU unionised piston check valve
VV angle seat valve
VVU unionised angle seat valve
SR ball check valve
VZ foot valve
VA air release valve
SV pressure relief valve
CR wafer check valve

I (Connection Std)

I ISO female (metric)
D ISO male (metric)
B ISO butt welding (metric)
BE PE100 ISO butt welding (metric)
O ISO-DIN flanged (metric)
F BSP female threaded (inch)
P BSP male threaded (inch)
L BS female (inch)
M BS male (inch)
A ASTM female (inch)
Y ASTM male (inch)
N NPT female threaded (inch)
OA ANSI 150 flanged (inch)
J JIS female (inch)
G JIS female threaded (inch)
OJ JIS flanged K10 (inch)

M (material)

A ABS
C PVC-C
F PVDF
M PP-H
V PVC-U
T PVC-U Transparent

NC (command system)

LM lever (for butterfly)
RM gear box (for butterfly)
FM bare shaft (for butterfly)
NC pneumatic Normally Closed
NO pneumatic Normally Open
DA pneumatic Double Acting
SA pneumatic Single Acting
EM electric 100-240V ac
EL electric 24V ac/dc



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Additional information VKDIM NC 025 **E**

025 (size)

| Metric series d(mm) | | Inch series d/R (inches) | |
|---------------------|-----|--------------------------|--------|
| 006 | 6 | | |
| 008 | 8 | | |
| 010 | 10 | | |
| 012 | 12 | 014 | 1/4" |
| 016 | 16 | 038 | 3/8" |
| 020 | 20 | 012 | 1/2" |
| 025 | 25 | 034 | 3/4" |
| 032 | 32 | 100 | 1" |
| 040 | 40 | 114 | 1 1/4" |
| 050 | 50 | 112 | 1 1/2" |
| 063 | 63 | 200 | 2" |
| | | 214 | 2 1/4" |
| 075 | 75 | 212 | 2 1/2" |
| | | 234 | 2 3/4" |
| 090 | 90 | 300 | 3" |
| 110 | 110 | 400 | 4" |
| 125 | 125 | | |
| 140 | 140 | 500 | 5" |
| 160 | 160 | 600 | 6" |
| 180 | 180 | | |
| 200 | 200 | | |
| 225 | 225 | 800 | 8" |
| 250 | 250 | | |
| 280 | 280 | 810 | 10" |
| 315 | 315 | 812 | 12" |
| 355 | 355 | | |
| 400 | 400 | | |

E (seal material)

- E EPDM
- F FPM
- N NBR
- P PTFE

XXX (accessories)

Three digits for actuated valves accessories

Some example

VKDFV 112 **E** PVC-U 2-way industrial ball valve threaded female BSP 1 1/2" EPDM

TMB11 225 PP-H Tee Butt Welding SDR11 d225 mm

DFV 020 016 012 PVC-U Transition reduced fitting d20 mm x d16 mm x 1/2"

GIC 050 PVC-C 90° Elbow d50 mm

FKOFRM 315 **F** PVDF Butterfly valve wafer gear box operated d315 mm FPM

ZBP 032 PP coupling Magnum d32 mm



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The new coding system improves the purchasing process simplifying all the steps:

- Technical product specification (web site, product catalogue, 3D CAD library)
- Enquiries and quotations (catalogue / price list)
- Order receiving and processing (Order confirmation, delivery note and invoice)
- Final goods identification (Product labels)



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