

TECNIDRO



VALVOLE IDRAULICHE AUTOMATICHE

***AUTOMATIC HYDRAULIC VALVES
VÁLVULAS HIDRÁULICAS AUTOMÁTICAS
VANNES HIDRALIQUES AUTOMATIQUES***



IDROMEMBRANA®

CARATTERISTICHE GENERALI/GENERAL FEATURES/CARACTERÍSTICAS GENERALES/CARACTÉRISTIQUES GÉNÉRALES

DIAMETRI/SIZES/DIÁMETROS/DIAMÈTRES: Threaded Ø 1"÷4" - Flanged DN 50÷DN 500

CONNESSIONI/END CONNECTIONS/CONEXIONES/CONNEXIONS:

FLANGIATO/FLANGED/BRIDAS/BRIDES: ISO - ANSI - BS - VICTAULIC STANDARD

FILETTATO/THEADED/ROSCAS/TARAUAGES: BSP - NPT

PRESIONI/PRESSURES/PRESIONES/PRESSIONS: min. 1,5 bar (22 psi) - max. 16 bar (225 psi)

Please contact us for lower & higher pressures

MATERIALI/MATERIALS/MATERIALES/MATERIAUX:

CORPO/BODY/CUERPO/CORPS: Cast Iron GG25 - Nodular Cast Iron GS 400 - Bronze - WCB

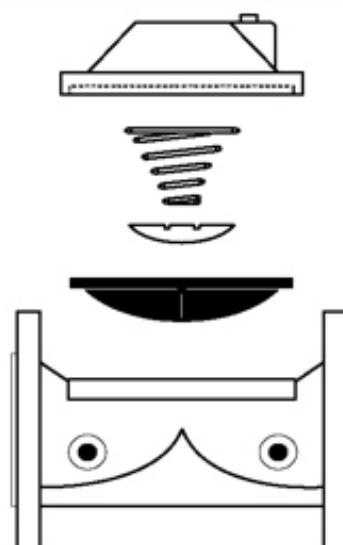
MEMBRANA/DIAPHRAGM/DIAFRAGMA/MEMBRANE: Natural Rubber - Nitrile, Nylon reinforced

MOLLA/SPRING/MUELLE/RESSORT: stainless steel

SUPPORTO MOLLA/SPRING SUPPORT/SOPORTE MUELLE/ASSISE DE RESSORT: plastic - metallic

BULLONERIA/BOLTS/TORNILLOS/BOULONS: galvanized steel - stainless steel

RIVESTIMENTO/COATINGS/RECUBRIMIENTO/REVÊTEMENT: epoxy - polyester



ALTRE ESECUZIONI DISPONIBILI SU RICHIESTA

OTHERS FEATURES AVAILABLE ON REQUEST/OTRAS REALIZACIONES DISPONIBLES SOBRE DEMANDA/AUTRES EXÉCUTIONS DISPONIBLES SUR DEMANDE

TECNIDRO PRODUCE ANCHE/TECNIDRO ALSO PRODUCE/TECNIDRO TAMBIEN FABRICA/TECNIDRO PRODUIT AUSSI

CONTATORI PER ACQUA

WATER METERS

CONTADORES DE AGUA

COMPTEURS D'EAU

VALVOLE DI REGOLAZIONE PN25

CONTROL VALVES PN25

VÁLVULAS DE REGULACIÓN PN25

VANNES DE REGULATION PN25

LIMITATORI DI PORTATA

FLOW LIMITERS

LIMITADORES DE CAUDAL

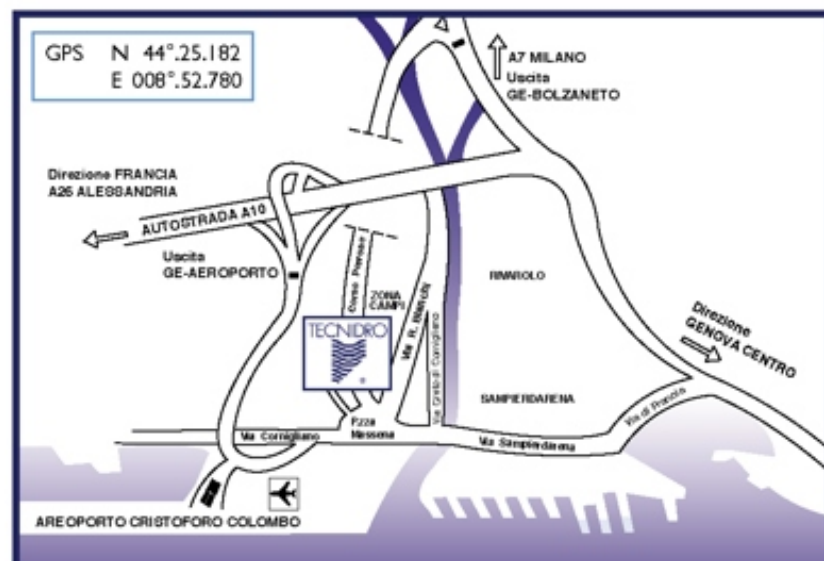
LIMITEURS DE DÉBIT

SISTEMI DI TELECONTROLLO

AUTOMATIC REMOTE CONTROLS

AUTOMATISMOS DE REDES

SYSTÈMES D'AUTOMATION CENTRALISÉS



TECNIDRO

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Distribuito da:

CARATTERISTICHE GENERALI - GENERAL FEATURES - CARACTERISTICAS GENERALES - CARACTERISTIQUES GENERALES

Corpo e Coperchio - Body and Cover Cuerpo y Tapa - Corps et Couvercle	GG25 Cast Iron
Verniciatura - Coating Pintura - Peinture	Epoxy - > 150 micron
Membrana - Diaphragm Membrana - Membrane	NR Nylon Reinforced
Molla - Spring Muelle - Ressort	AISI 302
Supporto Molla - Spring Support Soporte Muelle - Support Ressort	Polypropilene
Bulloni - Bolts Tornillos - Boulons	8.8 Galvanized Steel
Pressione Nominale - Nominal Pressure Presión Nominal - Pression Nominale	16,0 bar - 232,0 psi

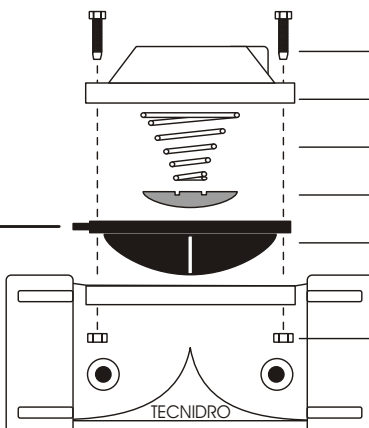
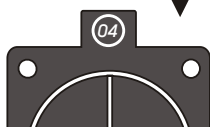


IDENTIFICAZIONE MEMBRANA
DIAPHRAGM IDENTIFICATION
IDENTIFICACION MEMBRANA
IDENTIFICATION MEMBRANE

Materiale e durezza
Material and hardness
Material y dureza
Materiel et dureté



Anno di fabbricazione
Year of production
Año de fabricación
Année de fabrication

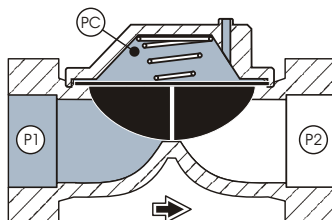


ESPLOSO - SPARE PARTS
LISTA DE PARTES - PIECES DETACHEES

- VITI - SCREWS - TORNILLOS - VIS
- COPERCHIO - COVER - TAPA - COUVERCLE
- MOLLA - SPRING - MUELLE - RESSORT
- SUPPORTO - SUPPORT - SOPORTE - SUPPORT
- MEMBRANA - DIAPHRAGM - MEMBRANA - MEMBRANE
- CORPO - BODY - CUERPO - CORPS
- DADI - NUTS - TUERCAS - ECROUS

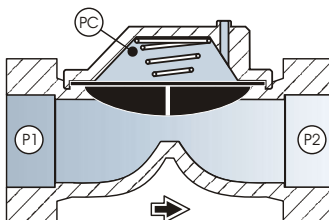
FUNZIONAMENTO - OPERATION - FUNCIONAMIENTO - FONCTIONNEMENT

VALVOLA CHIUSA
VALVE CLOSED
VALVULA CERRADA
VANNE FERMEE



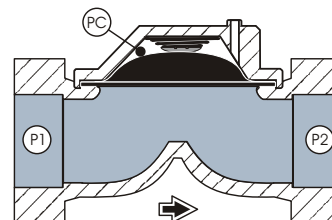
$$P1 = PC > P2$$

VALVOLA IN REGOLAZIONE
VALVE MODULATING
VALVULA EN REGULACION
VANNE EN REGULATION



$$P1 > PC > P2$$

VALVOLA APERTA
VALVE OPEN
VALVULA ABIERTA
VANNE OUVERTE



$$P1 \approx P2 \quad PC = 0$$



Pressione di monte
Upstream pressure
Presión aguas arriba
Pression amont



Pressione di valle
Downstream pressure
Presión aguas abajo
Pression aval

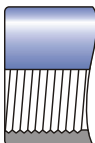


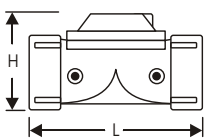
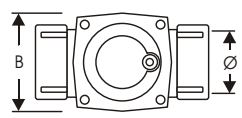
Pressione nella camera
Chamber pressure
Presión en la cámara
Pression dans la chambre

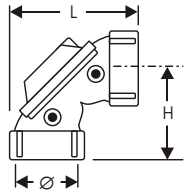
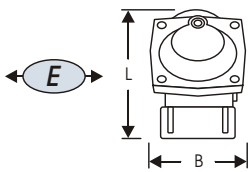


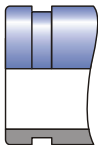
Direzione del flusso
Flow direction
Dirección del flujo
Direction du flux

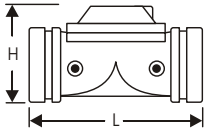
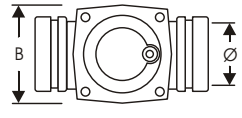
DIMENSIONI & PESI - DIMENSIONS & WEIGHTS - DIMENSIONES & PESOS - DIMENSIONS & POIDS

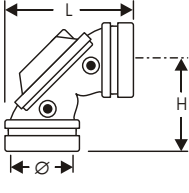
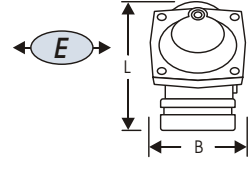
<i>Filettato Threaded Roscado Taraudé</i>  BSP - NPT	Ø	L	H	B	P
	Mod.	(mm)	(mm)	(mm)	(Kg)
	1"	116	50	70	1.5
	1"1/4	175	100	120	4.1
	1"1/2	175	100	120	3.7
	2"	175	100	120	3.5
	2"E	128	90	120	4.0
	2"1/2	200	115	120	4.5
	3"A	205	115	120	5.8
	3"C	230	135	165	8.0
	3"E	188	139	150	9.0
	3"F	285	170	210	15.0
	4"F	300	170	210	17.0

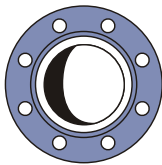



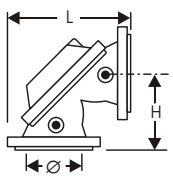
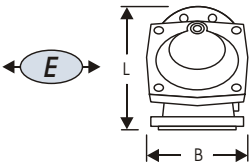



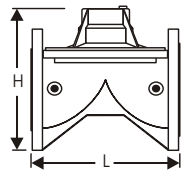
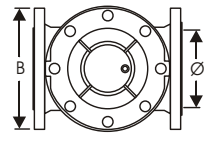
<i>Scanalato Grooved Ranurado Victaulic</i> 	Ø	L	H	B	P
	Mod.	(mm)	(mm)	(mm)	(Kg)
	1"1/4V	175	100	120	4.1
	1"1/2V	175	100	120	3.7
	2"V	175	100	120	3.5
	2"1/2V	195	115	120	4.5
	3"AV	205	115	120	5.8
	3"CV	230	135	165	8.0
	3"EV	184	139	150	8.5
	4"FV	300	170	210	17.0
	4"EV	223	161	150	11.0

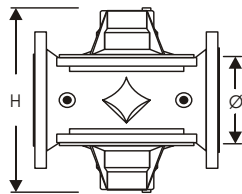
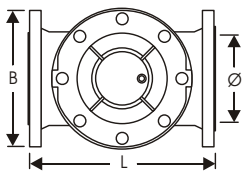



<i>Flangiato Flanged Bridado Brides</i>  ISO PN16/10 ANSI 150 BS Table D	Ø	L	H	B	P
	Mod.	(mm)	(mm)	(mm)	(Kg)
	DN 50	175	165	165	7.5
	DN 65	175	165	165	7.5
	DN 80	280	200	210	18.5
	DN 80P	220	200	200	11.0
	DN 80E	220	120	200	12.0
	DN 100	300	220	220	20.5
	DN100P	220	220	220	13.0
	DN100E	245	135	220	14.0
	DN 125	325	250	250	24.5
	DN 150	350	320	320	46.0
	DN 200	400	340	340	50.0
	DN 250	450	470	405	90.0
	DN 300	500	500	460	135.0
	DN 350	550	520	520	155.0
	DN 400	600	580	580	170.0
	DN 500	700	680	680	195.0

Le caratteristiche dimensionali possono essere variate in ogni momento senza preavviso.
 Dimensional features may be changed at any time without notice.
 Las características dimensionales pueden variar en cualquier momento sin preaviso.
 Les caractéristiques dimensionnelles peuvent varier en tout temps sans préavis.

E Valvole ad angolo
 Elbow type valves
 Válvulas en codo
 Vannes en coude

CAMPI DI ESERCIZIO - OPERATION RANGES - RANGOS DE TRABAJO - PLAGES D'EXERCICE

DIAMETRO VALVOLA VALVE SIZE DIAMETRO VALVULA DIAMETRE VANNE	Tipo Type Tipo Type	MEMBRANA DIAPHRAGM MEMBRANA MEMBRANE (Cod.) (Sh)	MOLLA SPRING MUELLE RESSORT (Cod.) (Ø)	P min (bar) (psi)	P max (bar) (psi)				
1"	ST	RIMMEM070NR50	50	-	-	0.8	11.6	16.0	232.0
1"1/4 - 1"1/2 - 2" - 2"E - 2"1/2 - 3"A 1"1/4V - 1"1/2V - 2"V - 2"1/2V - 3"AV DN50 - DN65	LP	RIMMEM113NR40	40	RIMMOL0203020	20	0.6	8.7	6.0	87.0
	ST	RIMMEM113NR60	60	RIMMOL0203020	20	1.5	21.7	16.0	232.0
	HP	RIMMEM113NR75	75	RIMMOL0203030	30	2.3	33.4	16.0	232.0
3"C - 3"E - 3"CV - 3"EV - 4"EV DN80P - DN80E - DN100P - DN100E	LP	RIMMEM150NR50	50	RIMMOL030C045	45	0.9	13.0	6.0	87.0
	ST	RIMMEM150NR60	60	RIMMOL030C045	45	1.5	21.7	16.0	232.0
3"F - 4"F - 4"V DN80 - DN100 - DN125	LP	RIMMEM200NR50	50	RIMMOL8010050	50	0.7	10.2	6.0	87.0
	ST	RIMMEM200NR70	70	RIMMOL8010060	60	1.7	24.6	16.0	232.0
DN150 - DN200	LP	RIMMEM294NR50	50	RIMMOL1520050	50	0.7	10.2	6.0	87.0
	ST	RIMMEM294NR70	70	RIMMOL1520080	80	1.4	20.3	16.0	232.0
DN250 - DN300 DN350 - DN400 - DN500 (*)	LP	RIMMEM380NR50	50	RIMMOL2540080	80	0.8	11.6	6.0	87.0
	ST	RIMMEM380NR70	70	RIMMOL2540100	100	1.4	20.3	16.0	232.0

P min Pressione minima di apertura - Minimum opening pressure - Presión mínima de abertura - Pression minimum d'ouverture

P max Pressione massima di esercizio - Maximum working pressure - Presión máxima de trabajo - Pression maximale d'exercice

(Cod.) Codice di identificazione - Identification code - Código de identificación - Code d'identification

(Sh) Durezza in Shore - Hardness in Shore - Dureza en Shore - Dureté en Shore

LP Bassa pressione - Low pressure - Presión baja - Basse pression

(Ø) Diametro del filo - Wire size - Diámetro del hilo - Diamètre du fil

ST Standard - Standard - Estandar - Standard

(*) Due membrane - Two diaphragms - Dos membranas - Deux membranes

HP Alta pressione - High pressure - Presión alta - Haute pression

CURVA DI CAVITAZIONE - CAVITATION CURVE - CURVA DE CAVITACION - COURBE DE CAVITATION

- ZONE (A)** Zona di esercizio corretta
Proper working zone
Zona de trabajo correcta
Zone d'exercice correcte
- ZONE (B)** Basso rischio di cavitazione
Cavitation's low risk
Bajo riesgo de cavitación
Risque de cavitation bas
- ZONE (C)** Rischio di cavitazione elevato
Cavitation's high risk
Riesgo de cavitación elevado
Risque de cavitation élevé
- ZONE (D)** Pressione di esercizio eccessiva
Exceeded working pressure
Presión de trabajo excesiva
Pression d'exercice excessive

P1 Pressione di monte
Upstream pressure
Presión aguas arriba
Pression amont

P2 Pressione di valle
Downstream pressure
Presión aguas abajo
Pression aval

