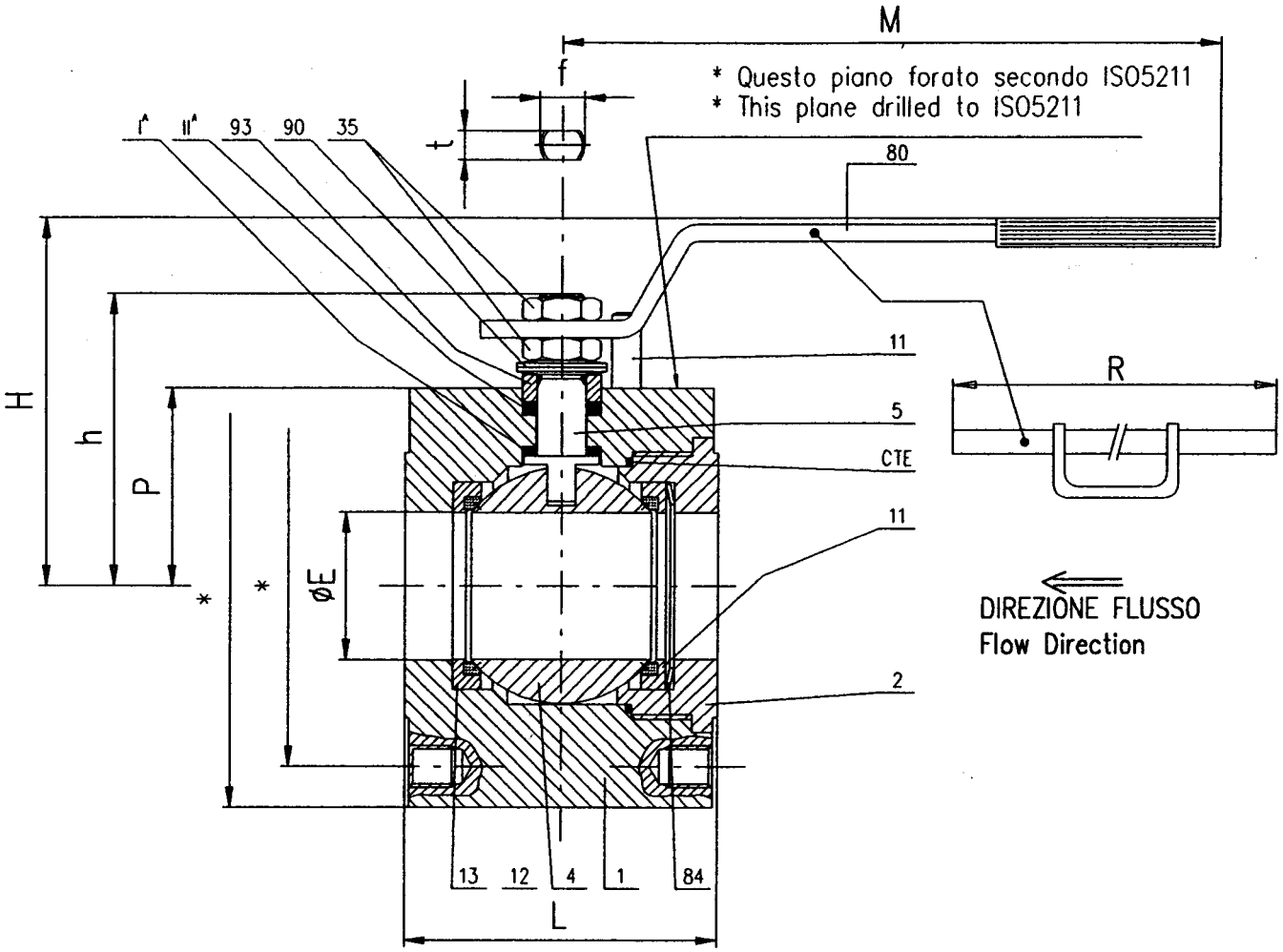
KONWELL

BALL VALVE full bore

ALFA AP 10NU DN 15-150 PN 40/ ANSI 300



* Flange di estremita' secondo – Available End Flange Drilling

ANSI B16.5 Cl.150 RF — DIN 2633 (PN10 – PN16) Form C DIN 2526

Cl.300 RF — DIN 2635 (PN40) Form C DIN 2526

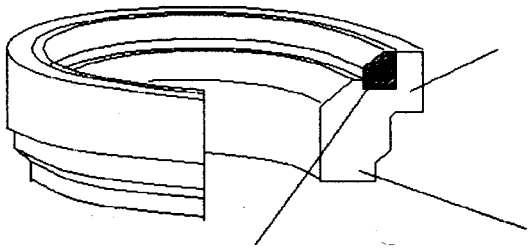
UNI 2281 (PN10)
UNI 2282 (PN16) UNI 2284 (PN40)

DN	15	20	25	32	40	50	65	80	100	150
ø"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2½"	3"	4"	6"
øE	14	19	24	29	38	48	64	76	95	152
L	36	39	43	51	63	83	107	120	152	240
M	145	145	180	180	275	275	380	380	440	–
R	–	–	–	–	–	–	–	–	500	800
H	64	66	85	90	118	126	139	144	200	265
h	52	55	70	73	96	101	122	128	157	220
P	33	36	43	48	63	68.5	82	88.5	111	145
f/t	10/6	10/6	12/8	12/8	16/10	16/10	22/14	22/14	30/18	45/30
Kg	1.5	2	2,7	4	6,5	9	16	20,5	42	80
ISO 5211	F03	F03	F03	F03	F05	F05	F07	F07	F10	F14

OY KONWELL AB Hankasuontie 11 A 00390 HELSINKI Puh. (09) 894 6480 Fax (09) 548 1129 e-mail konwell@konwell.fi

MATERIALI BASE – BASE MATERIALS				
CTE	Body connector gasket	Grafoil	Grafoil	Grafoil
M	Seat gasket	Grafoil	Grafoil	Grafoil
II ^A	Secondary stem seal	Grafoil	Grafoil	Grafoil
I ^A	Primary stem seal	Grafoil	Grafoil	Grafoil
93	Gland	CF9SMnPb36	CF9SMnPb36	CF9SMnPb36
90	Stem spring	AISI 301	AISI 301	AISI 301
84	Seat spring	AISI 301	AISI 301	AISI 301
80	Handle	Fe 37 UNI7070	Fe 37 UNI7070	Fe 37 UNI7070
35	Nut	Gr.3S UNI3740	Gr.3S UNI3740	Gr.3S UNI3740
15	Lever stopper	Gr.8.8 UNI3740	Gr.8.8 UNI3740	Gr.8.8 UNI3740
14	Compression ring	316 s.s.	304 s.s.	316 s.s.
13	Body seat holder	316 s.s.	304 s.s.	316 s.s.
12	Seat	PENTAFITE	PENTAFITE	PENTAFITE
11	Conn. seat holder	316 s.s.	304 s.s.	316 s.s.
5	Stem	420 s.s.	17/4PH	17/4PH
–	Ball Coating	HTC	HTC	HTC
4	Ball	316 s.s.	304 s.s.	316 s.s.
2	Ring nut	A105	304 s.s.	316 s.s.
1	Body	A105	304 s.s.	316 s.s.
P.No.	Parte – Part Name	Materiale – Material		

PENTAFITE seat insert



WHAT IS PENTAFITE

PENTAFITE is a metallic compound with metallic matrix and fine dispersion of solid lubricant inside. It is obtained by a manufacturing process similar to sintering which, starting from fine powders of the single component, is possible to produce the metallic rings that form the seat insert for our metal seated ball valves for high temperature/high pressure services.

	Caratteristiche - Features	
Secondo ANSI B16.34 Riduzione pari a 1 diametro nominale per valvole passaggio ridotto (con esclusione DN 1½" ridotto a 1")	- Diametri passaggio Port	Acc. to ANSI B16.34 Reduction of 1 Nominal Diameter in reduced bore construction (with exception of DN1½ reduced to 1")
V. intervallo produzione / BIDIREZIONALI	- Range / Costruzione Range / Construction	See Production Range / BI-Directional
Secondo ANSI B16.34	- Ratings Ratings	Acc. to ANSI B16.34
Flangiate ANSI B16.34 - DIN 3202 SW ANSI B16.11 (solo AP22) NPT ANSI/ASME B1.20.1 (solo AP22)	- Estremità End Connections	Flanged ANSI B16.34 - DIN 3202 SW ANSI B16.11 (AP22 only) NPT ANSI/ASME B1.20.1 (AP22 only)
ANSI B16.10	- Scartamenti Face to Face	ANSI B16.10
ANSI B16.34 ASME VIII Div. 1	- Dimensionamento Bulloneria Bolt calculation - Dimensionamento Flange Flange calculation	ANSI B16.34 ASME VIII Div. 1
A leva fino a DN 4" per Classe 150 DN 3" per Classe 300 DN 2" per Classe 600 Riduttore manuale per diametri superiori Disponibili attuatori pneumatici, idraulici ed elettrici	- Comandi Operators	Lever DN 4" Class 150 Lb up to DN 3" Class 300 Lb DN 2" Class 600 Lb Manual gear operators for bigger sizes Pneumatic, Hydraulic and Electric actuators available
Massimo sforzo per comando a leva	350 N	maximum Force on Lever operated valves
Secondo ISO 5211	- Top mounting Top mounting	According to ISO 5211
Procedura: ANSI B16.34 - Altre procedure a richiesta Accettabilità: Nessuna perdita	- Collaudi finali Pressure Test	Acc. to ANSI B16.34 - Other procedures according Customer requirements Acceptance: No leakage
+450° C. -100° C.	- Max. temperatura di esercizio Max. working temperature - Min. temperatura di esercizio Min. working temperature	+450° C. -100° C.
In accordo rating di ANSI B16.34	- Max. pressione di esercizio Max. working pressure	Rating according to ANSI B16.34
Intrinseco nella costruzione	- Antistatic design Antistatic design	Intrinsecal in the construction
BS 6755 Parte 2 API RP6F	- Fire-safe Fire-safe	BS 6755 Parte 2 API RP6F
Intrinseco nella costruzione	- Anti blow-out stem Anti blow-out stem	Intrinsecal in the construction
Vedi singoli Data-Sheet	- Materiali di costruzione Material of construction	See relevant Data-Sheets
Massimo numero di manovre tra due manutenzioni	5000	Maximum number of operations before maintenance