

Hybrid Seat

The Ideal Solution for High Differential Pressure Applications

The new Hybrid Seat, recently introduced by the Habonim engineering team was designed to solve "seat collapse" in high differential pressure applications.

The hybrid seat offers stiffness of metal seat with a bubble tight shut of a soft seat.

The seat can be modified for uni or bi-directional applications and is compatible with most of Habonim valves series.

Main Features

High differential pressure resistance (ΔP up to 100 Bar)

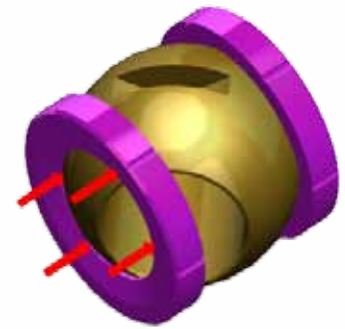
Bubble Tight Shut Off

Low Torque

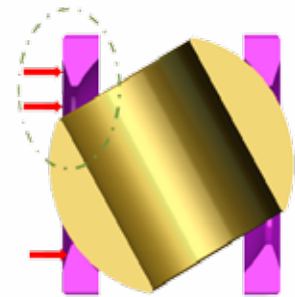
Ideal for Cryogenic applications

Uni or Bi - Directional

FDA approved



Seat Collapse



Seat collapse mechanism

" L " Shape



Graphite or PTFE seal

The ideal solution for cryogenic bi directional applications

" U " Shape



O-ring seal

Bidirectional

" F " Shape



Metallic seat support

Polymeric insert

Unidirectional

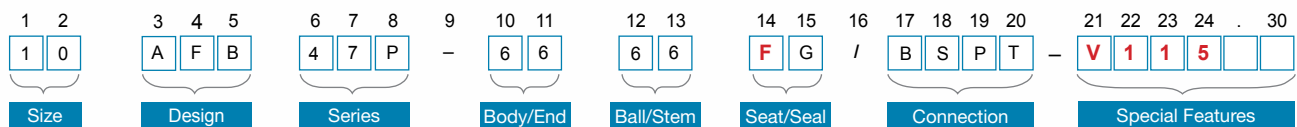
HABONIM UPDATE

NPA - July - Hybrid Seat

Update 01/07/2011

Hybrid Seat

coding system



14	21		22		23		24	
Hybrid Seat	Insert material		Upstream/ Downstream		insert shape		housing shape + seal type	
F	C	PCTFE	1	US+DS-Hybrid Seats	0	Scraper	0	U + Viton
	V	Devlon	2	Hybrid seats on upstream side only	1	Round	1	U + NBR
	L	VIRGIN PEEK	3	Hybrid seats on downstream side only			2	U + EPDM
							3	U + Low temp. NBR
							5	L + Graphite
							6	L + PTFE
							9	Flat



For additional information contact
 Dinah Kagan
 Dinah@habonim.com
 Tel:+ 972-4-6914733



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