

Hycon/Hydac Return Line Interchange Elements

PTI interchange elements for Hycon/Hydac offer the following important features:

- High Efficiency; $\beta_x \geq 200$
- Reusable Bypass Valve Design
- Soft-Seat Bypass Valve Construction

High efficiency media with $\beta_x \geq 200$ is offered in 3, 6, 12 and 25 micron for the most demanding applications. Wire screen media is also available in 25, 74 and 149 micron.

PTI's "zero leak" soft-seat bypass valve provides improved efficiency over plastic bypass valve construction. The reusable design allows the original PTI bypass valve to be used with subsequent replacement elements reducing element change out costs.

Technical Data

Collapse Rating:	250 psid
Operating Temperature:	- 40 to 250 °F
Materials:	
End Caps	Plated Steel*
Center Tube	Plated Steel*
Bypass Valve	Plated Steel*
Media	Fiberglass or Wire Screen
Seals:	
Standard	Buna
Optional	Viton, EPR

**Phosphate coated steel is available as an option for use with high water base fluids*

Ordering Information

H0240R - 003E - B - 3 - P

1 2 3 4 5 6 7 8

1 - Series	
H	Hycon/Hydac Interchange

3 - Type	
R	Return Line
RW	Return Line with wire screen media

6 - Seals	
B	Buena
V	Viton
E	EPR

2 - Size	
0160	Nominal rated flow in liters per minute
0165	
0240	
0280	
0330	
0500	
0660	
0850	
0950	
1300	
2600	

4 - Micron Rating	
003	$\beta_3 \geq 200$
006	$\beta_6 \geq 200$
012	$\beta_{12} \geq 200$
025	$\beta_{25} \geq 200$ or Wire Screen
074	Wire Screen
149	Wire Screen

7 - Bypass Valve	
Omit	None
3	43 psi Bypass Valve

5 - Collapse Rating	
E	250 psid

8 - Special Options	
Omit	None
P	Phosphate Coating

Part Number Cross Reference

Hycon/Hydac Part Number		PTI
Betamicon®	Betamicon 3®	Part Number
0160R003BNHC	0160R003BN3HC	H0160R-003E-B-3
0160R005BNHC	0160R005BN3HC	H0160R-006E-B-3
0160R010BNHC	0160R010BN3HC	H0160R-012E-B-3
0160R020BNHC	0160R020BN3HC	H0160R-025E-B-3
0160R25W		H0160RW-025E-B-3
0160R74W		H0160RW-074E-B-3
0160R149W		H0160RW-149E-B-3
0165R003BNHC	0165R003BN3HC	H0165R-003E-B-3
0165R005BNHC	0165R005BN3HC	H0165R-006E-B-3
0165R010BNHC	0165R010BN3HC	H0165R-012E-B-3
0165R020BNHC	0165R020BN3HC	H0165R-025E-B-3
0240R003BNHC	0240R003BN3HC	H0240R-003E-B-3
0240R005BNHC	0240R005BN3HC	H0240R-006E-B-3
0240R010BNHC	0240R010BN3HC	H0240R-012E-B-3
0240R020BNHC	0240R020BN3HC	H0240R-025E-B-3
0240R25W		H0240RW-025E-B-3
0240R74W		H0240RW-074E-B-3
0240R149W		H0240RW-149E-B-3
0280R003BNHC	0280R003BN3HC	H0280R-003E-B-3
0280R005BNHC	0280R005BN3HC	H0280R-006E-B-3
0280R010BNHC	0280R010BN3HC	H0280R-012E-B-3
0280R020BNHC	0280R020BN3HC	H0280R-025E-B-3
0280R25W		H0280RW-025E-B-3
0280R74W		H0280RW-074E-B-3
0280R149W		H0280RW-149E-B-3
0330R003BNHC	0330R003BN3HC	H0330R-003E-B-3
0330R005BNHC	0330R005BN3HC	H0330R-006E-B-3
0330R010BNHC	0330R010BN3HC	H0330R-012E-B-3
0330R020BNHC	0330R020BN3HC	H0330R-025E-B-3
0330R25W		H0330RW-025E-B-3
0330R74W		H0330RW-074E-B-3
0330R149W		H0330RW-149E-B-3
0500R003BNHC	0500R003BN3HC	H0500R-003E-B-3
0500R005BNHC	0500R005BN3HC	H0500R-006E-B-3
0500R010BNHC	0500R010BN3HC	H0500R-012E-B-3
0500R020BNHC	0500R020BN3HC	H0500R-025E-B-3
0500R25W		H0500RW-025E-B-3
0500R74W		H0500RW-074E-B-3
0500R149W		H0500RW-149E-B-3
0660R003BNHC	0660R003BN3HC	H0660R-003E-B-3
0660R005BNHC	0660R005BN3HC	H0660R-006E-B-3
0660R010BNHC	0660R010BN3HC	H0660R-012E-B-3
0660R020BNHC	0660R020BN3HC	H0660R-025E-B-3
0660R25W		H0660RW-025E-B-3
0660R74W		H0660RW-074E-B-3
0660R149W		H0660RW-149E-B-3

Hycon/Hydac Part Number		PTI
Betamicon®	Betamicon 3®	Part Number
850R003BNHC	850R003BN3HC	H0850R-003E-B-3
850R005BNHC	850R005BN3HC	H0850R-006E-B-3
850R010BNHC	850R010BN3HC	H0850R-012E-B-3
850R020BNHC	850R020BN3HC	H0850R-025E-B-3
0850R25W		H0850RW-025E-B-3
0850R74W		H0850RW-074E-B-3
0850R149W		H0850RW-149E-B-3
950R003BNHC	950R003BN3HC	H0950R-003E-B-3
950R005BNHC	950R005BN3HC	H0950R-006E-B-3
950R010BNHC	950R010BN3HC	H0950R-012E-B-3
950R020BNHC	950R020BN3HC	H0950R-025E-B-3
0950R25W		H0950RW-025E-B-3
0950R74W		H0950RW-074E-B-3
0950R149W		H0950RW-149E-B-3
1300R003BNHC	1300R003BN3HC	H1300R-003E-B-3
1300R005BNHC	1300R005BN3HC	H1300R-006E-B-3
1300R010BNHC	1300R010BN3HC	H1300R-012E-B-3
1300R020BNHC	1300R020BN3HC	H1300R-025E-B-3
1300R25W		H1300RW-025E-B-3
1300R74W		H1300RW-074E-B-3
1300R149W		H1300RW-149E-B-3
2600R003BNHC	2600R003BN3HC	H2600R-003E-B-3
2600R005BNHC	2600R005BN3HC	H2600R-006E-B-3
2600R010BNHC	2600R010BN3HC	H2600R-012E-B-3
2600R020BNHC	2600R020BN3HC	H2600R-025E-B-3
2600R25W		H2600RW-025E-B-3
2600R74W		H2600RW-074E-B-3
2600R149W		H2600RW-149E-B-3

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