

# SERIES: HP

Carbon Steel

Push / Pull connection

ISO Interchange according to ISO 7241-1 A & ISO 5675  
(for selected sizes)



QUICK CONNECT COUPLINGS

Many connections available including BSP, NPT, Light & Heavy series and Bulkhead options – please contact our sales team for further information and prices.

## Product Features

- Poppet valve
- Zinc-Plating and Thick-Film-Passivation (Chrome III) and Zinc-Nickel for selected sizes
- Connection Under pressure allowed with STAUFF Female Bodies of the QRC-HP Series with Male Tips of the QRC-HU Series
- A reliable ball locking system keeps the two halves together
- Can be installed as a breakaway coupling

## Technical Features

Material	Carbon Steel
Surface Finishing	Zinc-Nickel <sup>1</sup> , Zinc-Plating and Thick-Film-Passivation (Chrome III)
Standard Seal	NBR (Buna-N®), PTFE
	Other materials available on request
Working Temperature	-25° C ... +100° C / -13° F ... +212° F
Connection	Push (When mounting the Sleeve in Bulkhead), Push and actuate Push-Pull Sleeve
Disconnection	Pull (When mounting the Sleeve in Bulkhead), Actuate Push-Pull Sleeve
Connect Under Pressure	Not allowed, (Male Tip Series HU up to the max. Working Pressure allowed)
Application	Agricultural and Forestry Machinery
ISO Interchange	ISO 7241-1 A and ISO 5675 (for selected sizes).

<sup>1</sup> Only Nominal Size 12,5

## Technical Data

Series	ISO 4397			Working Pressure		Bursting Pressure						Spillage
	Inch	mm	Q max l/min			Connected		Female Body		Male Tip		
				bar	PSI	bar	PSI	bar	PSI	ml		
HPA 06	1/4	6.3	20	250	3626	1000	14504	1000	14504	1000	14504	0.8
HP(A) 10	3/8	10	35	250	3626	1000	14504	1000	14504	1000	14504	1.2
HP 12	1/2	12.5	100	250	3626	1000	14504	1000	14504	1000	14504	1.7
HP19	3/4	19 (20)	120	250	3626	900	13053	1000	14504	1000	14504	8
HP 25	1	25	160	250	3626	800	11603	1000	14504	800	11603	12
HU12	1/2	12	90	250	3626	1100	15954	1500	21756	1000	14504	2.7

The indicated pressure ratings only apply to the coupling itself and depend on the connection type.