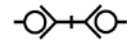


HIGH PRESSURE - quick release couplings

Couplings DIN standard



DNP, HQ (1/4" ÷ 2")

- Standard:** Producer's standard
- Applications:** Hydraulics (hydraulic oil)
- Working press.:** Up to 400 bar (safety factor 4:1)
- Material:** Galvanized steel
- Seal:** NBR (from -25°C up to +100°C)
- Advantages:** One of the least expensive quick release couplings used in agriculture

Standard quick release couplings with dimensions different from ISO-A (except 1/2" size)* and ISO-B. Used in agricultural machinery mainly.

Socket	size [inch]	female thread size	code	
			DNP	HQ
			1/4	1/4" BSP
3/8	3/8" BSP	DP-PDV1-1010002	HQ-DINV10-F-06G	
1/2	1/2" BSP	DP-PAV1-1313002*	HQ-IA12-F-08G*	
3/4	3/4" BSP	DP-PDV1-2019002	HQ-DINV19-F-12G	
1	1" BSP	DP-PDV1-2525002	HQ-DINV25-F-16G	
1.1/4	1.1/4" BSP	DP-PDV1-3031002	-	
1.1/2	1.1/2" BSP	DP-PDV1-3939002	-	
2	2" BSP	DP-PDV1-5051002	-	

Plug	size [inch]	female thread size	code	
			DNP	HQ
			1/4	1/4" BSP
3/8	3/8" BSP	DP-PDV1-1010003	HQ-DINV10-M-06G	
1/2	1/2" BSP	DP-PAV1-1313003*	HQ-IA12-M-08G*	
3/4	3/4" BSP	DP-PDV1-2019003	HQ-DINV19-M-12G	
1	1" BSP	DP-PDV1-2525003	HQ-DINV25-M-16G	
1.1/4	1.1/4" BSP	DP-PDV1-3031003	-	
1.1/2	1.1/2" BSP	DP-PDV1-3939003	-	
2	2" BSP	DP-PDV1-5051003	-	

* - manufactured according to ISO 7241-1 A

Operating parameters

size [inch]	working pressure [bar]		flow rate at Δp = 3 bar [l/min]	
	DNP	HQ	DNP	HQ
1/4	400	375	23	22
3/8	350	350	49	58
1/2	250	320	89	94
3/4	250	300	143	165
1	250	275	205	272
1.1/4	220	-	407	-
1.1/2	200	-	650	-
2	100	-	1370	-