

Part number:

**HYDROMA**

HYDRAULICKÉ SYSTÉMY

**HIDROMA  
SYSTEMS**

UKŁADY HYDRAULICZNE

**HYDROMA**

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

**ISO 16028/350 BAR**

VALVOLA PIANA/ACCIAIO  
FLAT FACE/STEEL  
FLACHDICHTEND/STAHL  
CLAPET PLAT/ACIER



**Caratteristiche tecniche I**

- Norma: ISO 16028 (DN06→DN30)
- Occlusione: faccia piana
- Aggancio: sfere radiali
- Materiale: acciaio
- Finitura: Zn-Fe (Cr III) e Zn-Ni
- Filettature: BSP - NPT - SAE - METRICHE
- Guarnizioni standard: NBR e PU
- Temperatura d'esercizio: -25 °C +100 °C
- Guarnizioni opzionali: FKM, EPDM o altro.
- Pressioni di esercizio: 350-500 bar
- Connessione in pressione residua: non consentita

**Technical data E**

- Standard: ISO 16028 (DN06→DN30)
- Occlusion: flat face
- Locking: radial balls
- Material: steel
- Finishing: Zn-Fe (Cr III) and Zn-Ni
- Threads: BSP - NPT - SAE - METRIC
- Standard seals: NBR and PU
- Working temperature: -25 °C +100 °C
- Optional seals: FKM, EPDM or more.
- Working pressure: 350-500 bar
- Connection under residual pressure: not allowed

**Technische Merkmale D**

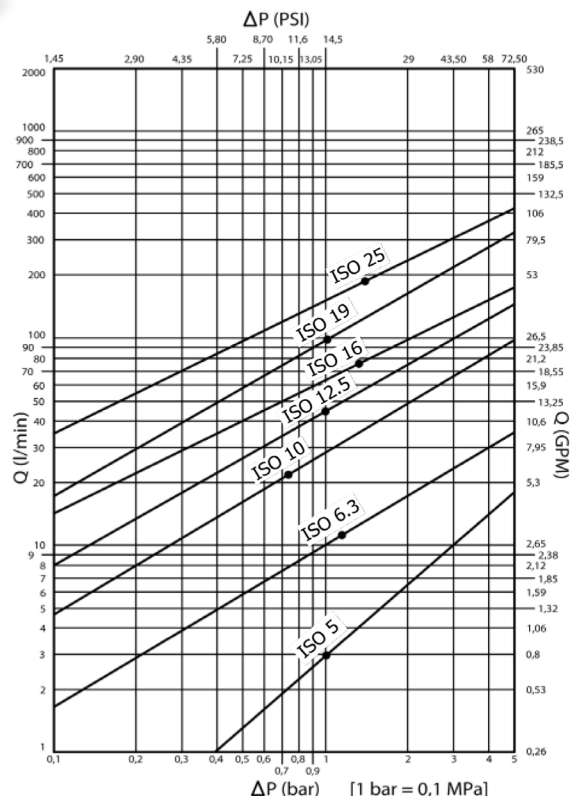
- Norm: ISO 16028 (DN06→DN30)
- Verschluss: flachdichtend
- Kupplung: Radial Kugeln
- Werkstoff: Stahl
- Ausführung: Zn-Fe (Cr III) und Zn-Ni
- Gewinde: BSP - NPT - SAE - METRISCHE
- Standard-Dichtungen: NBR und PU
- Betriebstemperatur: -25 °C +100 °C
- Dichtungen nach Wahl: FKM, EPDM, usw.
- Betriebsdruck: 350-500 bar
- Kuppeln unter Restdruck: nicht möglich

**Caracteristiques techniques F**

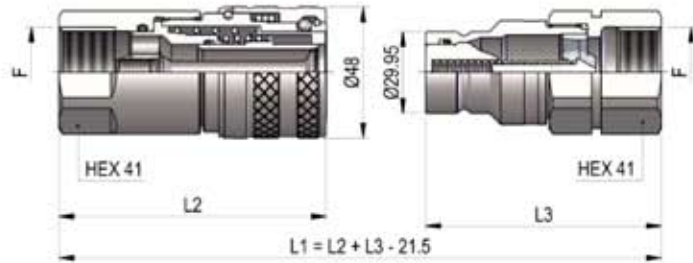
- Norme: ISO 16028 (DN06→DN30)
- Obturation: clapet plat
- Accrochage: billes radiales
- Matériel: acier
- Traitement: Zn-Fe (Cr III) et Zn-Ni
- Taraudage: BSP - NPT - SAE - METRIQUES
- Joints standard: NBR et PU
- Température de service: -25 °C +100 °C
- Joints facultatifs: FKM, EPDM, ect.
- Pression de service: 350-500 bar
- Connexion sous pression résiduelle: pas possible

Nominal size	Max working pressure	Rated flow	Max flow rate	Min burst pressure			Fluid spillage			
				Male	Female	Coupled				
DNP	BG	ISO	mm	MPa	l/min	l/min	MPa	MPa	MPa	cc
04	0	5	4	50	3	9	250	210	250	0.006
06	1	6.3	6	40	12	24	190	190	190	0.008
13	2	10	8.6	35	23	46	150	170	160	0.010
20	3	12.5	10.7	35	45	90	170	150	170	0.012
22	4A	16	12.8	35	74	150	160	140	150	0.015
25	4	19	14.8	35	100	200	160	140	180	0.020
30	5	25	17.6	35	189	280	140	140	150	0.030

1 MPa = 145.04 psi • 1 l = 0.264 gal

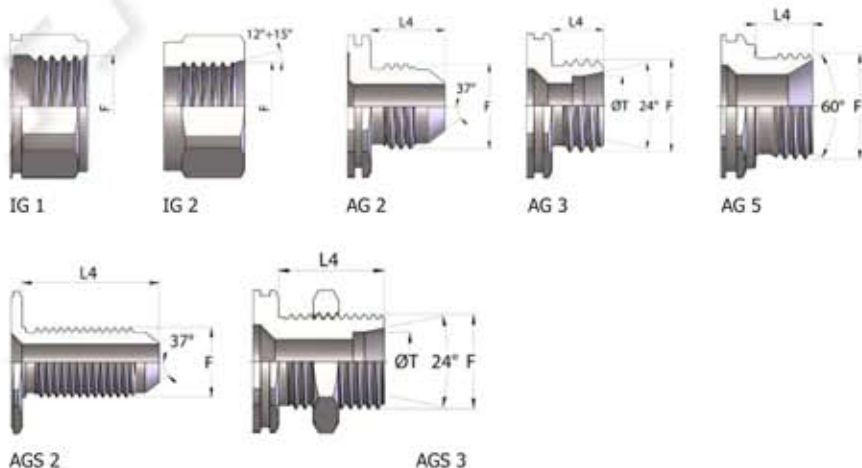


PLT4 DN25 - BG 4 - ISO 19



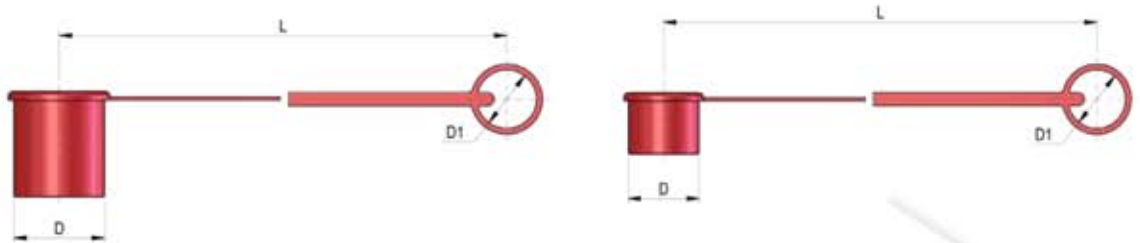
THREADS	L2	L3	L4	ØT	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
							COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
IG 1	94.5	86			BSP 3/4"	DIN 3852-2-X	PLT4.2519.112	808	23	PLT4.2519.113	478	30
	94.5	86			NPT 3/4"	ANSI B1.20.3	PLT4.2519.012	814	23	PLT4.2519.013	485	30
	94.5	86			RC 3/4"	EN 10226	PLT4.2519.042	816	23	PLT4.2519.043	485	30
	97.5	86			BSP 1"	DIN 3852-2-X	PLT4.2525.112	780	23	PLT4.2525.113	414	30
	97.5	86			NPT 1"	ANSI B1.20.3	PLT4.2525.012	786	23	PLT4.2525.013	427	30
	97.5	86			M30x1.5	ISO 6149-1	PLT4.2530.102	810	23	PLT4.2530.103	450	30
IG 2	95	86			1"1/16-12 UN 2B	SAE J 1926-1	PLT4.2527.032	817	23	PLT4.2527.033	471	30
	95	86			1"5/16-12 UN 2B	SAE J 1926-1	PLT4.2533.032	758	23	PLT4.2533.033	413	30
AG 2	99.1	90.1	23.1		1"5/16-12 UN 2A	SAE J 514	PLT4.2533.302	822	23	PLT4.2533.303	412	30
AGS 2	121.4	112.4	45.4		1"5/16-12 UN 2A	SAE J 514	PLT4.2533.502	881	23	PLT4.2533.503	510	30
AG 5	97	88	18		BSP 1"	DIN 3852-2-B	PLT4.2525.212	818	23	PLT4.2525.213	420	30
	95	84	17		BSP 1"	BS B5200	PLT4.2525.702	751	23	PLT4.2525.703	398	30
	95	86	16		BSP 3/4"	DIN 3852-2-A	PLT4.2519.712	797	23	PLT4.2519.713	396	30
	97	88	18		BSP 1"	DIN 3852-2-A	PLT4.2525.712	775	23	PLT4.2525.713	422	30
AG 3	97	79	12	18L	M26x1.5	ISO 8434-1-L	PLT4.2526.302	773	23	PLT4.2526.303	373	30
	99	81	14	22L	M30x2	ISO 8434-1-L	PLT4.2530.302	777	23	PLT4.2530.303	378	30
	99	81	14	28L	M36x2	ISO 8434-1-L	PLT4.2536.302	776	23	PLT4.2536.303	383	30
	101	83	16	20S	M30x2	ISO 8434-1-S	PLT4.2530.402	790	23	PLT4.2530.403	389	30
	103	85	18	25S	M36x2	ISO 8434-1-S	PLT4.2536.402	807	23	PLT4.2536.403	412	30
AGS 3	119	101	34	18L	M26x1.5	ISO 8434-1-L	PLT4.2526.502	864	23	PLT4.2526.503	461	30
	119	101	34	22L	M30x2	ISO 8434-1-L	PLT4.2530.502	882	23	PLT4.2530.503	486	30
	119	101	34	28L	M36x2	ISO 8434-1-L	PLT4.2536.502	910	23	PLT4.2536.503	524	30
	121	103	36	20S	M30x2	ISO 8434-1-S	PLT4.2530.602	902	23	PLT4.2530.603	503	30
	123	105	38	25S	M36x2	ISO 8434-1-S	PLT4.2536.602	960	23	PLT4.2536.603	565	30

THREADS



## PLASTIC CAPS

NOMINAL SIZE		FEMALE DUST PLUG				MALE DUST CAP				COLOR	MATERIAL			
DNP	BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight		
				D	L	D1	(g)		D	L	D1	(g)		
06	1	6.3	SPLT.06002	32.5	200	20	16	SPLT.06003	26	200	20	13	●	PVC
13	2	10	SPLT.13002	37	200	26	21	SPLT.13003	27.5	200	26	15	●	PVC
20	3	12.5	SPLT.20002	43	200	31.5	29	SPLT.20003	35	200	31.5	26	●	PVC
25	4	19	SPLT.25002	53.5	265	35	51	SPLT.25003	43	265	35	41	●	PVC



NOMINAL SIZE		FEMALE DUST PLUG				MALE DUST CAP				COLOR	MATERIAL			
DNP	BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight		
				D	L	D1	(g)		D	L	D1	(g)		
22	4A	16	SPLT.22002	47	200	32.5	34	SPLT.22003	38	200	32.5	30	●	PVC
30	5	25	SPLT.30002	62	280	48	75	SPLT.30003	51	270	48	60	●	PVC



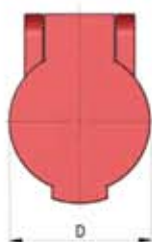
## METAL CAPS

NOMINAL SIZE		FEMALE DUST PLUG				MALE DUST CAP				MATERIAL			
DNP	BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight	
				D	L	D1	(g)		D	L	D1	(g)	
06	1	6.3	SPLT.06202	35	200	32	41	SPLT.06203	25	200	32	28	Aluminum
13	2	10	SPLT.13202	40	200	32	48	SPLT.13203	30	200	32	39	Aluminum
20	3	12.5	SPLT.20202	45	200	32	53	SPLT.20203	32	200	32	40	Aluminum
22	4A	16	SPLT.22202	50	200	32	63	SPLT.22203	35	200	32	43	Aluminum
25	4	19	SPLT.25202	55	275	47.5	74	SPLT.25203	40	275	47.5	66	Aluminum
30	5	25	SPLT.30202	65	275	47.5	126	SPLT.30203	45	275	47.5	71	Aluminum

\*REALIZZATI SU RICHIESTA DEL CLIENTE  
 \*AVAILABLE ON REQUEST  
 \*AUF ANFRAGE LIEFERBAR  
 \*DISPONIBLES SUR DEMANDE

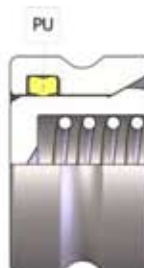
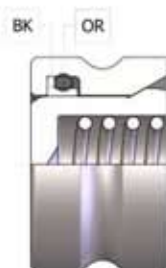


**AUTOMATIC CAPS**



NOMINAL SIZE		AUTOMATIC FEMALE CAP			Dimensions		Weight	COLOR	MATERIAL
DNP	BG	ISO	COD. F	D	S	(g)			
13	2	10	SPLT.13302	38	16.8	17	●	Nylon	
13	2	10	SPLT.13342	38	16.8	17	●	Nylon	
20	3	12.5	SPPV.13302	46	18.4	24	●	Nylon	
20	3	12.5	SPPV.13312	46	18.4	24	●	Nylon	
20	3	12.5	SPPV.13322	46	18.4	24	●	Nylon	
20	3	12.5	SPPV.13332	46	18.4	24	●	Nylon	
20	3	12.5	SPPV.13342	46	18.4	24	●	Nylon	

**SPARE PARTS**



NOMINAL SIZE			MALE GASKET	MALE GASKET	MALE GASKET
DNP	BG	ISO	OR (NBR*)	BK (PTFE)	PU (POLYURETHANE)
04	0	5	PLT.004.120	PLT.004.130	-
06	1	6.3	PLT.006.120	PLT.006.130	-
13	2	10	PLT.013.120	PLT.013.130	PLK.013.210
20	3	12.5	PLT.019.120	PLT.019.130	PVT.019.210
22	4A	16	PLT.022.120	PLT.022.130	PVT.022.210
25	4	19	PLT.025.120	PLT.025.130	PVT.025.210
30	5	25	PLT.031.120	PLT.031.130	PVT.030.210

\* AL CODICE DELLA GUARNIZIONE IN NBR AGGIUNGERE 'E' PER EPDM O 'V' PER VITON

\* TO THE NBR GASKET CODE ADD 'E' FOR EPDM OR 'V' FOR VITON

\* ZU DER ARTIKELNR. DER NBR DICHTUNG GEBEN SIE 'E' FUER EPDM ODER 'V' FUER VITON AN

\* AU CODE DU JOINT EN NBR JOINDRE 'E' POUR EPDM OU 'V' POUR VITON