



GLADIUS 22K / 1500BAR



DESCRIZIONE DEL DISPOSITIVO	DESCRIPTION OF THE DEVICE
<p>GLADIUS è un robusto accessorio rotante per il water jetting ad alta efficienza, sviluppato specialmente per la pulizia manuale delle tubazioni. L'accessorio rende facile la pulizia dei tubi con curve da 4 a 12 pollici (102 a 305 mm). Grazie al controllo di rotazione, fondamentale per la pulizia dei tubi di grandi dimensioni, l'operatore riesce a regolare la velocità (slow e fast) scegliendo tra due tipi di olio.</p>	<p><i>GLADIUS is a robust rotating tool for high efficiency water jetting, specially designed for manually cleaning services of pipes. This self-rotating tool makes it easy to clean pipes with 4 to 12 inches elbows (102 to 305 mm). Thanks to the built-in speed control system, fundamental for the biggest pipes cleaning, the operator can adjust the rotating speed (slow or fast) by choosing between two types of oil.</i></p>

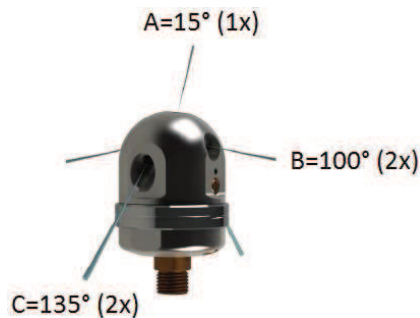


SPECIFICHE TECNICHE

Technical Specifications

CODICE CODE	PORTATA FLOW RATE	PRESSIONE PRESSURE	TEMP ACQUA MAX MAX WATER TEMP	ROTAZIONE ROTATION	INGRESSO INLET	DIAMETRO DIAMETER	LUNGHEZZA LENGTH	PESO WEIGHT
Q231000003250	45 - 110 lpm	830 - 1500 bar	45 °C	70 - 300 rpm	M 3/4" UNF	68 mm	108 mm	1,9 kg 4,2 lb
8.014.1004.0 (Body + Sealing Kit + Hard Case)	12 - 29 gpm	12 - 22 kpsi	113 °F			2,7 in	4,2 in	-

I dati riportati sono indicativi, il costruttore si riserva il diritto di effettuare varianti senza preavviso alcuno.
The specifications are indicative only, company reserves itself the right to make changes without any notice.



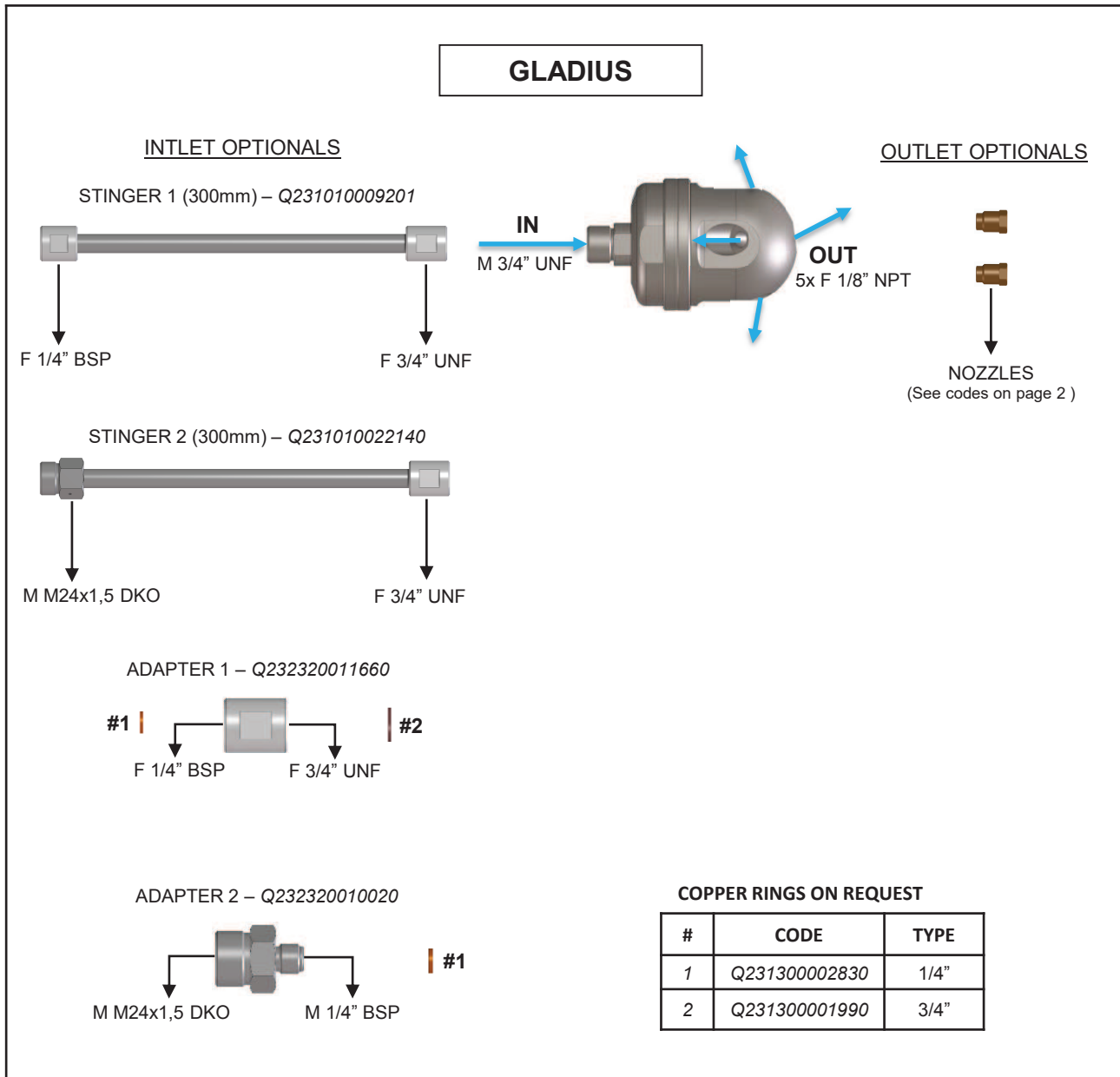
CONFIGURAZIONI CONSIGLIATE

Recommended Configurations

PRESSIONE MAX MAX PRESSURE		PORTATA MAX MAX FLOW RATE		UGELLI NOZZLES		
bar	kpsi	lpm	gpm	POS.	CODICE CODE	TIPOLOGIA TYPE
1400	20,3	57	15,06	A	Q232310018240	AP2 1/8" NPT
				B	Q232310018260	
				C	Q232310018320	
1470	22	75	19,81	A	Q232310018260	
				B	Q232310018320	
				C	Q232310018350	
1400	20,3	89	23,51	A	Q232310018290	
				B	Q232310018350	
				C	Q232310018380	
1500	22	109	28,8	A	Q232310018290	
				B	Q232310018380	
				C	Q232310018420	



CONNESSIONI Connections






CONNESSIONI Connections

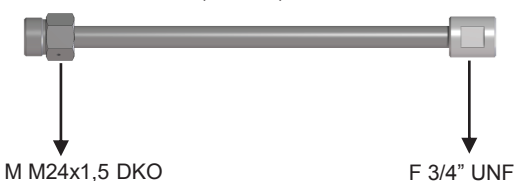
GLADIUS PACKAGE

INTLET OPTIONALS

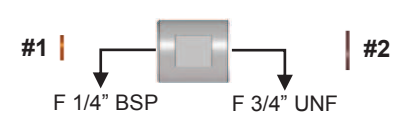
STINGER 1 (300mm) – Q231010009201



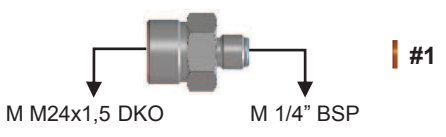
STINGER 2 (300mm) – Q231010022140



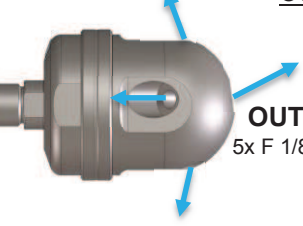
ADAPTER 1 – Q232320011660



ADAPTER 2 – Q232320010020




IN
M 3/4" UNF



OUT
5x F 1/8" NPT


OUTLET OPTIONALS



NOZZLES
(See codes on page 2)


+

SEALING KIT




+

CASE

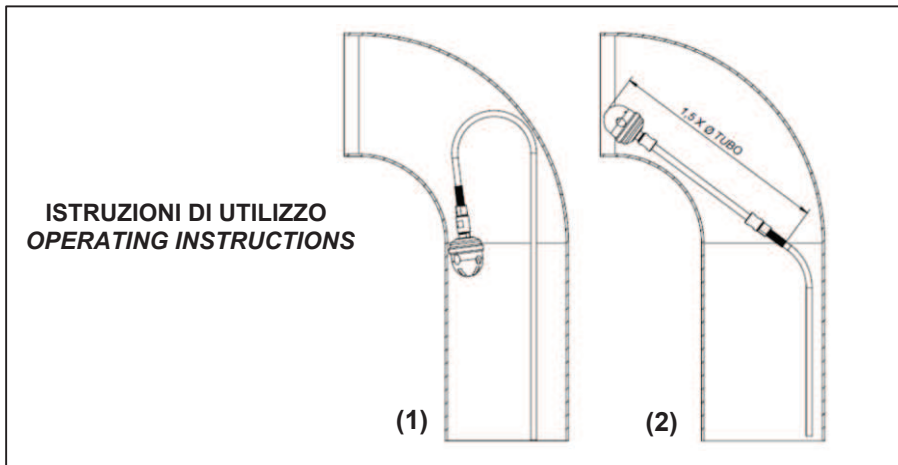


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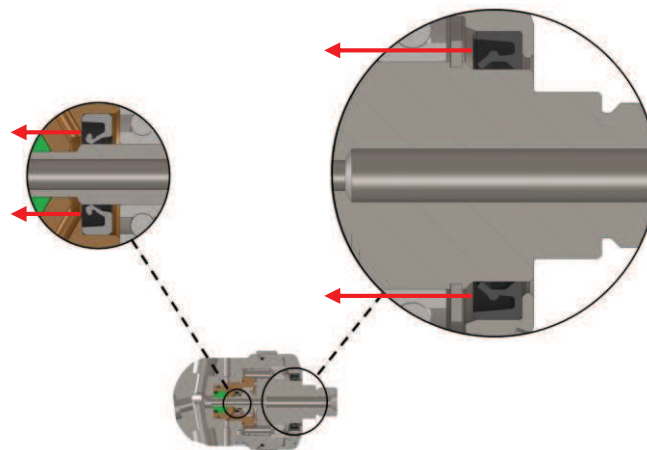


COPPER RINGS ON REQUEST

#	CODE	TYPE
1	Q231300002830	1/4"
2	Q231300001990	3/4"



ISTRUZIONI:	INSTRUCTIONS:
<p>(1) <u>Uso sbagliato</u>: se usato senza una lancia nei tubi con diametro più grande di 6 pollici, il Gladius può ritornare e presentare un pericolo all'operatore.</p> <p>(2) <u>Uso corretto</u>: la lunghezza della lancia deve essere almeno uguale al diametro del tubo.</p>	<p>(1) <i>Wrong usage</i>: if used without a lance in tubes with a diameter higher than 6 inches, the Gladius may go back and can present a danger to the operator.</p> <p>(2) <i>Proper usage</i>: the length of the lance must be at least equal to the tube diameter.</p>



MONTAGGIO PARAOLIO	OIL SEAL ASSEMBLY
<p>Fare attenzione alla posizione dei paraoli. Entrambi i paraoli devono essere assemblati con l'apertura verso l'uscita, come sopra indicato.</p>	<p><i>Pay close attention to the oil seals positioning. Both oil seals must be assembled with the opening towards the outlet, as indicated above.</i></p>



Nozzle Diameter		Nozzle flow-rate [gpm - l/min]										
inches	mm	kpsi (bar)										
		2 (138)	4 (276)	6 (414)	8 (552)	10 (700)	12 (827)	14 (966)	16 (1103)	18 (1241)	20 (1400)	22 (1500)
0,018	0,46	0,39 1,47	0,55 2,08	0,68 2,57	0,78 2,95	0,87 3,29	0,96 3,63	1,00 3,78	1,10 4,16	1,20 4,52	1,20 4,54	1,30 4,92
0,020	0,51	0,48 1,81	0,68 2,57	0,83 3,14	0,96 3,63	1,10 4,16	1,20 4,52	1,30 4,92	1,40 5,29	1,45 5,48	1,50 5,67	1,60 6,00
0,022	0,56	0,58 2,19	0,82 3,10	1,00 3,78	1,20 4,20	1,30 4,92	1,40 5,29	1,50 5,67	1,60 6,05	1,70 6,43	1,80 6,81	1,90 7,19
0,024	0,61	0,69 2,61	0,98 3,70	1,20 4,54	1,40 5,29	1,60 6,00	1,70 6,43	1,80 6,80	2,00 7,50	2,10 7,94	2,20 8,32	2,30 8,70
0,026	0,66	0,81 3,06	1,20 4,54	1,40 5,29	1,60 6,00	1,80 6,81	2,00 7,57	2,10 7,94	2,30 8,70	2,40 9,08	2,60 9,84	2,70 10,21
0,029	0,74	1,00 3,78	1,40 5,29	1,70 6,43	2,00 7,57	2,30 8,70	2,50 9,46	2,70 10,21	2,90 10,97	3,00 11,35	3,20 12,11	3,40 12,86
0,032	0,81	1,20 4,54	1,70 6,43	2,10 7,94	2,50 9,46	2,80 10,59	3,00 11,35	3,30 12,49	3,50 13,24	3,70 14,00	3,90 14,76	4,10 15,51
0,035	0,89	1,50 5,67	2,10 7,94	2,60 9,84	3,00 11,35	3,30 12,49	3,60 13,62	3,90 14,76	4,20 15,89	4,40 16,65	4,70 17,78	4,90 18,54
0,038	0,97	1,70 6,43	2,50 9,46	3,00 11,35	3,50 13,24	3,90 14,76	4,30 16,27	4,60 17,41	4,90 18,54	5,20 19,68	5,50 20,81	5,70 21,57
0,042	1,07	2,10 7,94	3,00 11,35	3,70 14,00	4,20 15,89	4,70 17,78	5,20 19,68	5,60 21,19	6,00 22,71	6,40 24,22	6,70 25,35	7,00 26,49
0,047	1,19	2,70 10,21	3,80 14,38	4,60 17,41	5,30 20,06	5,90 22,30	6,50 24,60	7,00 26,49	7,50 28,38	8,00 30,28	8,40 31,79	8,80 33,30
0,052	1,32	3,30 12,49	4,60 17,41	5,60 21,19	6,50 24,60	7,30 27,63	8,00 30,28	8,60 32,55	9,20 34,82	9,80 37,09	10,0 37,78	11,0 41,63
0,057	1,45	3,90 14,76	5,50 20,81	6,80 25,75	7,80 29,52	8,70 32,92	9,60 36,33	10,0 37,85	11,0 41,63	12,0 45,42	12,5 47,31	13,0 49,20
0,063	1,60	4,80 18,16	6,80 25,73	8,30 31,41	9,60 36,33	11,0 41,63	12,0 45,42	13,0 49,20	14,0 52,99	14,5 54,88	15,0 56,77	16,0 60,56
0,069	1,78	5,70 21,57	8,10 30,65	9,90 37,47	12,0 45,42	13,0 49,20	14,0 52,99	15,0 56,77	16,0 60,56	17,0 64,34	18,0 68,13	19,0 71,91
0,075	1,91	6,80 25,73	9,60 36,33	12,0 45,42	13,0 49,20	15,0 56,77	17,0 64,34	18,0 68,13	19,0 71,91	20,0 75,70	21,0 79,48	23,0 87,05
0,082	2,08	7,20 27,25	10,0 37,85	13,0 49,20	14,0 52,99	16,0 60,56	18,0 68,13	19,0 71,91	20,0 75,70	22,0 83,27	23,0 87,05	24,0 90,84
0,090	2,23	8,70 32,92	12,0 45,42	15,0 60,56	17,0 64,34	19,0 71,91	21,0 79,48	23,0 87,05	25,0 94,62	26,0 98,41	27,0 102	29,0 109
0,098	2,49	10,0 37,85	15,0 56,77	18,0 68,13	21,0 79,48	23,0 87,05	25,0 94,62	27,0 103	29,0 109	31,0 117	33,0 125	34,0 128
0,106	2,69	12,0 45,42	17,0 64,34	21,0 79,48	24,0 9,84	27,0 102	29,0 109	32,0 121	34,0 128	36,0 136	38,0 143	40,0 151
0,115	2,92	14,0 53,00	20,0 75,70	25,0 94,62	28,0 106	32,0 121	35,0 132	37,0 140	40,0 151	42,0 158	45,0 170	47,0 177
0,125	3,18	20,0 75,70	24,0 90,84	29,0 109	33,0 125	37,0 140	41,0 155	44,0 166	47,0 178	50,0 190	53,0 200	55,0 208

Scegliere gli ugelli tra la gamma in giallo e secondo le prestazioni riportate sulla pagina 2.
Il fabbricante non è responsabile per danni causati dalla scelta sbagliata degli ugelli.

Choose the nozzles from the ones in the yellow range and according to the pressure and flow range on page 2.
The manufacturer is not responsible for damage caused by wrong nozzle selection.