

CERTIFICATE OF CONFORMITY

N° 24/1209P_IND

Manufacturer: DAFRAM S.p.A.

C. da Montedoro, 13 (ex Strada Prov. le 78, Km 06) 62010 Urbisaglia (MC)

Product: Ball valves

Type: Fully welded valves; Bolted body valves.

Approved series: serie 1, serie 3, serie 6



23.24372

("fully-welded" full bore valves; elastomeric seal): WF1WP (WF1WS; WF1WD); WF1 FP (WF1 FS; WF1FD); WF1JP (WF1JS; WF1JD); WF1HP (WF1HS; WF1HD); WF3WP (WF3WS; WF3WD); WF3FP (WF3FS; WF3FD); WF3JP (WF3JS; WF3JD); WF3HP (WF3HS; WF3HD); WF6WP (WF6WS; WF6WD); WF6FP (WF6FS; WF6FD); WF6JP (WF6JS; WF6JD); WF6HP (WF6HS; WF6HD)

("fully-welded" reduced bore valves; elastomeric seal): WR1WP (WR1WS; WR1WD); WR1 FP (WR1FS; WR1FD); WR1JP (WR1JS; WR1JD); WR1HP (WR1HS; WR1HD); WR3WP (WR3WS; WR3WD); WR3FP (WR3FS; WR3FD); WR3JP (WR3JS; WR3JD); WR3HP (WR3HS; WR3HD); WR6WP (WR6WS; WR6WD); WR6FP (WR6FS; WR6FD); WR6JP (WR6JS; WR6JD); WR6HP (WR6HS; WR6HD)

("bolted body" full bore valves; elastomeric seal, thermoplastic seal, metal seal): F1WP (F1WS; F1WD); F1FP (F1FS; F1FD); F1JP (F1JS; F1JD); F1HP (F1HS; F1HD); F3WP (F3WS; F3WD); F3FP (F3FS; F3FD); F3JP (F3JS; F3JD); F3HP (F3HS; F3HD); F6WP (F6WS; F6WO); F6FP (F6FS; F6FD); F6JP (F6JS; F6JD); F6HP (F6HS; F6HD)

("bolted body" reduced bore valves; elastomeric seal, thermoplastic seal, metal seal): R1WP (R1WS; R1WD); R1FP (R1FS; R1FD); R1JP (R1JS; R1JD); R1HP (R1HS; R1HD); R3WP (R3WS; R3WD); R3FP (R3FS; R3FD); R3JP (R3JS; R3JD); R3HP (R3HS; R3HD); R6WP (R6WS; R6WD); R6FP (R6FS; R6FD); R6JP (R6JS; R6JD); R6HP (R6HS; R6HD)

SGS Italia S.p.A.
On behalf of Business Manager
Rosalba Fanale

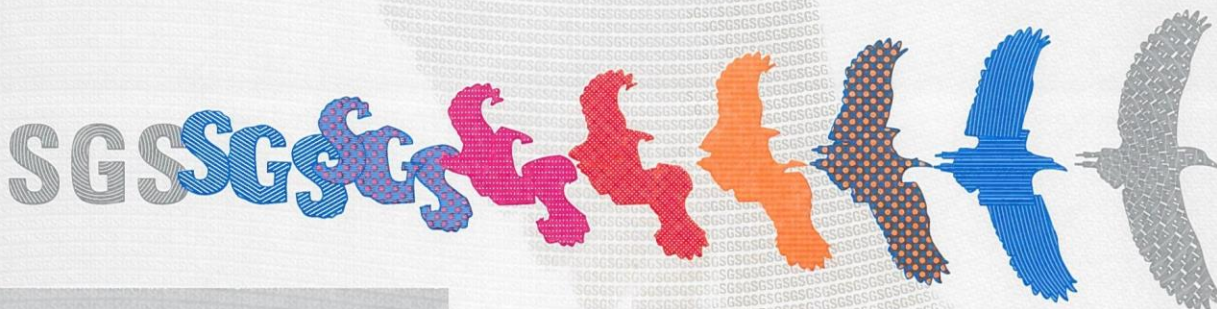


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Total number of pages: 2

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Nominal Diameter: 15, 20,25,40,50,80,100,150,200,250,300,350,400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 1000, 1050, 1100, 1150, 1200, 1250, 1300, 1350,1400, 1450, 1500

Nominal Pressure: serie 1: class 150; serie 3: class 300; serie 6: class 600.

Use: Transportation of gaseous fluids in pipelines.

Applicable Standard: EC 1-20 1S EN 14141: 2013 (valves for transportation of natural gas in pipelines Performance requirements and tests)

Results on the base of tests performed: The above mentioned ball valves are suitable for the use of natural gas, hydrogen and other non aggressive gas.

The validity of certificate is subjected to manufacturer request SGS to check continuous manufacture and testing of valves, for which type mark is granted, in accordance to EC 1-2016 EN 14141: 2013 point A5.

Nominal ranges for qualification according table A 1, attachment A of EC 1-2016 EN 14141: 2013:

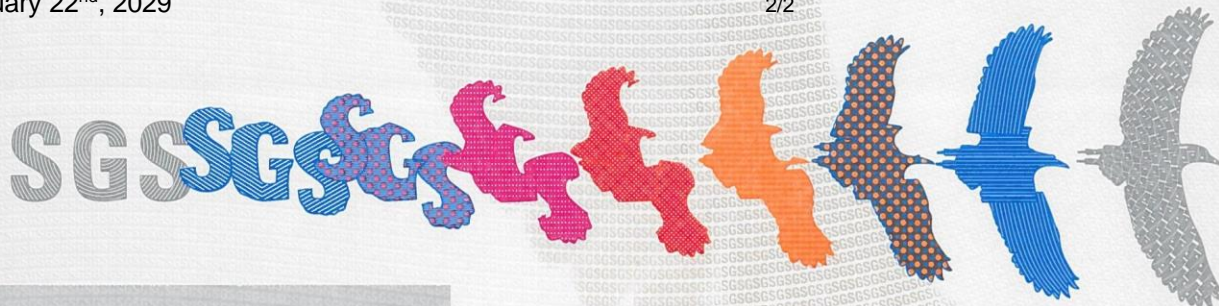
Tested Type (nominal pressure 100bar)	Type I DN	Type I DN	Type I DN	Type I DN
Fully welded valves	WR6WSI 150X100	WF6WP /250	WF6WP /600	WF6WP I 900
Bolted body valves	F6FS 1100- F6WS 1100	F6WP 1200	F6WP 1600	-
Qualified Type	Nominal Range (mm)			
Nominal pressure	15 < DN < 150	200 < DN < 450	500 < DN < 700	DN >750
	Class 600 - PN100			

Above mentioned reports refer to the last edition of the current certificate

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