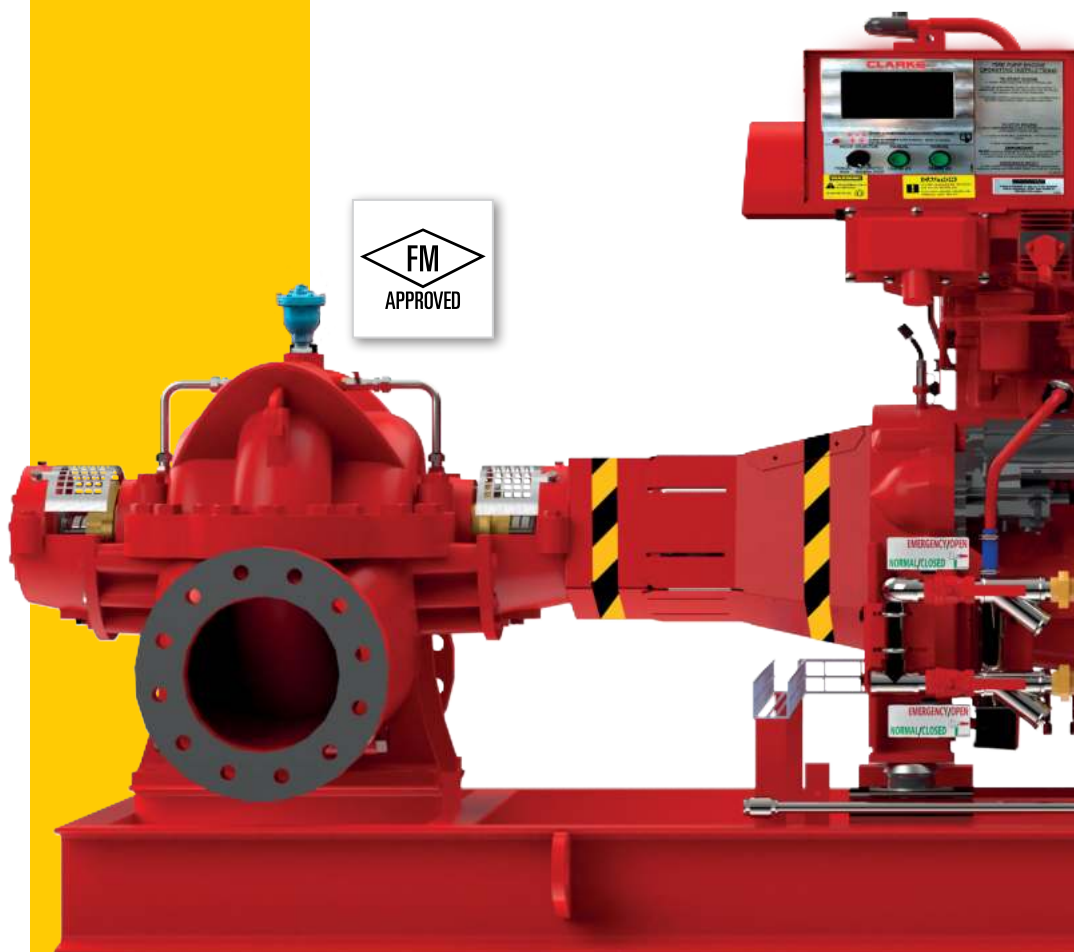


EXSTINGUO

NFPA-20 firefighting • pumpset



The starting point
for your Safety

Pump range

Horizontal Split Case IDSC - FM series



Materials	Pump Body	Cast Iron
	Impeller	Bronze
	Wear ring	Bronze
	Shaft	Stainless Steel
	Shaft Seal	Soft packing Fiber & PTFE

Flow	Model	Inlet	Outlet	rpm	Rotation speed												
gpm		Ø in	Ø in		3550	3300	3000	2950	2800	2600	2350	2100	1800	1770	1760	1480	1470
300	IDSC6-4H10	6	4	Net head at nominal flow rate (psi)	82-162	71-140	60-107	58-103	52-93								
	IDSC6-4H12L	6	4				120-187	116-180	104-162	88-139							
400	IDSC6-4H10	6	4		82-159	70-137	58-104	55-100	49-89								
	IDSC6-4H12L	6	4				115-183	111-177	99-158	85-135							
450	IDSC6-4H10	6	4		80-158	69-136	56-102	53-98	47-87								
	IDSC6-4H12L	6	4				113-181	109-174	97-155	82-133							
500	IDSC6-4H10	6	4		79-157	67-133	53-99	51-96	45-85								
	IDSC6-4H12L	6	4				110-177	106-171	94-152	78-129							
750	IDSC6-4H12	6	4				112-172	107-166	94-147	79-122							
	IDSC6-5H11	6	5				111-173	107-167	95-148	80-126							
1000	IDSC6-6H10	6	6		123-173	105-148	91-123	88-118	78-106								
	IDSC8-6H14	8	6				185-237	178-229	159-204	135-173							
1250	IDSC6-6H10	6	6		119-169	101-145	87-119	83-115	74-102								
	IDSC8-6H12	8	6				121-179	115-170	134-154	83-132							
1500	IDSC8-6H12	8	6				114-174	108-165									
	IDSC8-6H18	8	6										101-124				
	IDSC8-6H21	8	6													100-140	
2000	IDSC10-8H13	10	8				138-173	135-166	120-146								
	IDSC12-8H15	12	8								106-153	83-120					
	IDSC10-8H17	10	8											110-140			
	IDSC10-8H20	10	8										123-178		118-170		80-116
	IDSC10-8H21	10	8													98-126	
2500	IDSC12-8H15	12	8					162-187	144-167		100-146						
	IDSC10-8H17	10	8											106-136			
	IDSC10-8H20	10	8										118-173		112-165		73-110
3000	IDSC12-8H15	12	8					154-179	137-160								

Conversion formulas: gpm • 0,227 = m³/h | psi / 1,442 = m

Pump-set

according to NFPA-20



The fixed point
for your
SAFETY



The evolution of safety is named Exstinguo

Protection against fire is essential for people and property. When it comes to fire protection, safety is an important requirement and pumps are the most critical component. For these reasons, Idroelettrica SpA created EXSTINGUO, a new series of NFPA-20 fire pump-sets.

FM Approved Split Case Pumps

Idroelettrica IDSC Split Case pumps range has been certified FM Approval Class 1311. Fire pumps tested and certified by FM Approvals offer to the end user the confidence that all major components have been tested against a strict set of criteria to ensure the fire pump will deliver the required performance, even in the harshest conditions. Customers rely on FM APPROVED products to ensure that they perform as intended. FM APPROVED is a mark used for fire protection systems as a key element in the protection and safety of buildings, and its universal recognition is a guarantee for the project and often leads to financial benefits in terms of reduced insurance rates.

FIREBOX® EXSTINGUO

Not only Pump-set!

The EXSTINGUO fire protection system can also be integrated into a complete, self-contained fire pump house: FIREBOX®. The enclosure consists of a prefabricated fire-fighting outdoor module ready to be installed. Entirely manufactured in Idroelettrica SpA, and fully compliant with UNI EN 1090 standard, which is necessary to certify metal structures correctly and to issue CE certificate. The R60 supporting structure, easy to transport, allows total accessibility to people and components along the entire perimeter as it is surrounded by doors.



EXSTINGUO

NFPA-20 firefighting • pumpset

Pump-set
according to NFPA-20



FM
APPROVED

Certificate of Compliance
This certificate is issued for the following:
Centrifugal Fire Pumps, Horizontal Split Case Type
(see listing attached)

Prepared for:
Idroelettrica SpA
Via Bellini, 2
San Cesario sul Panaro
Modena 41018
Italy

FM Approvals Class: 1311 – “Centrifugal Fire Pumps Split-Case Type (Axial or Radial)”
December, 2020

Approval Identification: PR465359 Approval Granted: 30 May 2023

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

David B. Fuller
David B Fuller
VP - Manager of Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062

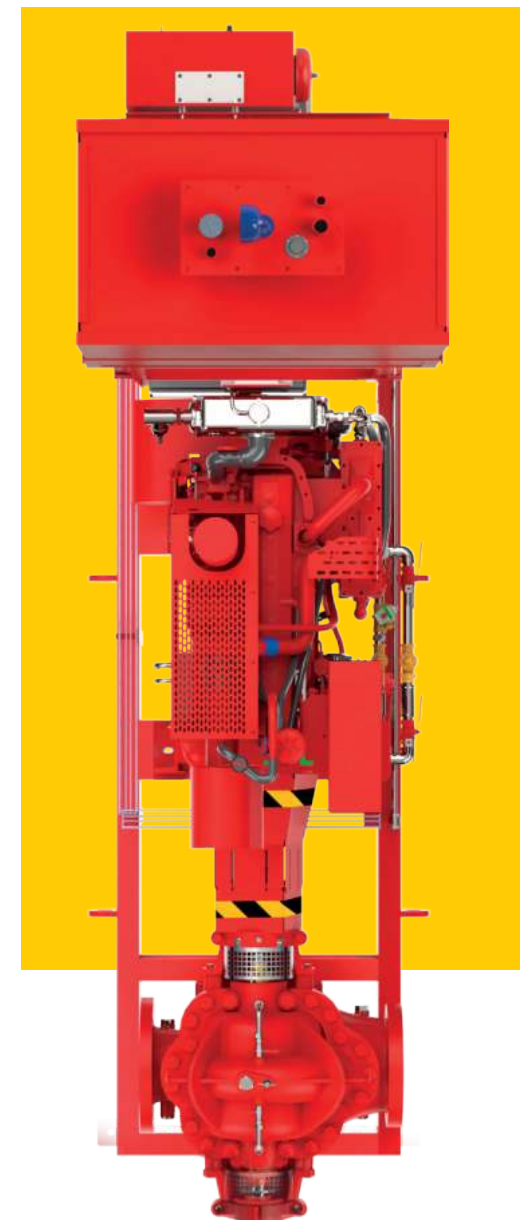
11 July 2023
Date

FM Approvals®
Member of the FM Global Group

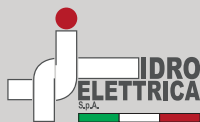
Page 1 of 6

FM APPROVED
CS-406
IDSC
Approval 1311

Split Case IDSC series



EXSTINGUO FIRE PUMP-SET



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Testing
LAB