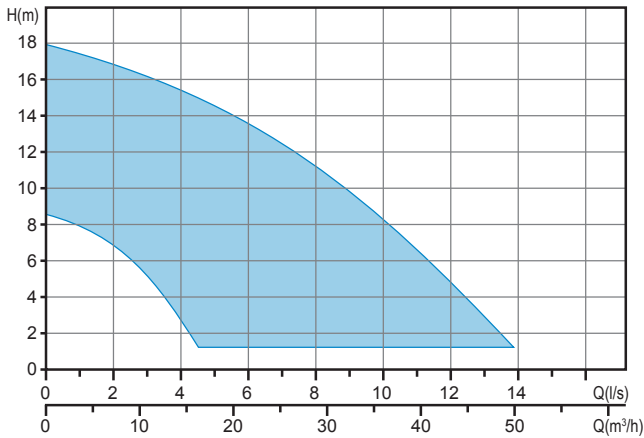


Pumps with multi-channel open impeller

Operating ranges



Range characteristics

Motor power	0.37 ÷ 1.5 kW
Poles	2
Insulation class	F
Degree of protection	IP68
Discharge	GAS 1 ¼ ÷ 2" vertical
Free passage	max 15 mm
Max flow rate	12.5 l/s (750 l/min)
Max head	17.8 m

Motor

Oil bath motor with thermal protections.

Cable

H07RN-F 4G1 - 5 m cable length. Optional 10 m cable length.

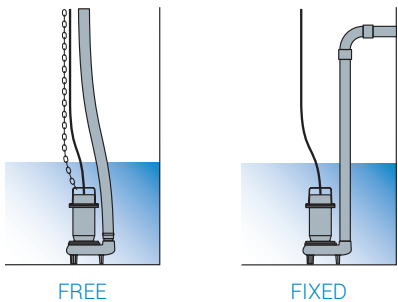
Mechanical seals

Two silicon carbide mechanical seals (2SiC)

Applications

Designed for the treatment of strongly corrosive or chemically aggressive liquids, especially in the chemical industry, this unit is for a specific industrial application.

Installations



Versions

Electrical variants	T, TCST, TCSGT (single-phase models) NAE (three-phase models)
Cooling system	N
Mechanical seals	SICAL

Operating specifications

Max operating temperature	40 °C
PH of treated fluid	3 ÷ 14
Viscosity of treated fluid	1 mm²/s
Maximum immersion depth	20 m
Density of treated fluid	1 Kg/dm³
Acoustic pressure max	<70dB
Max starts per hour	30

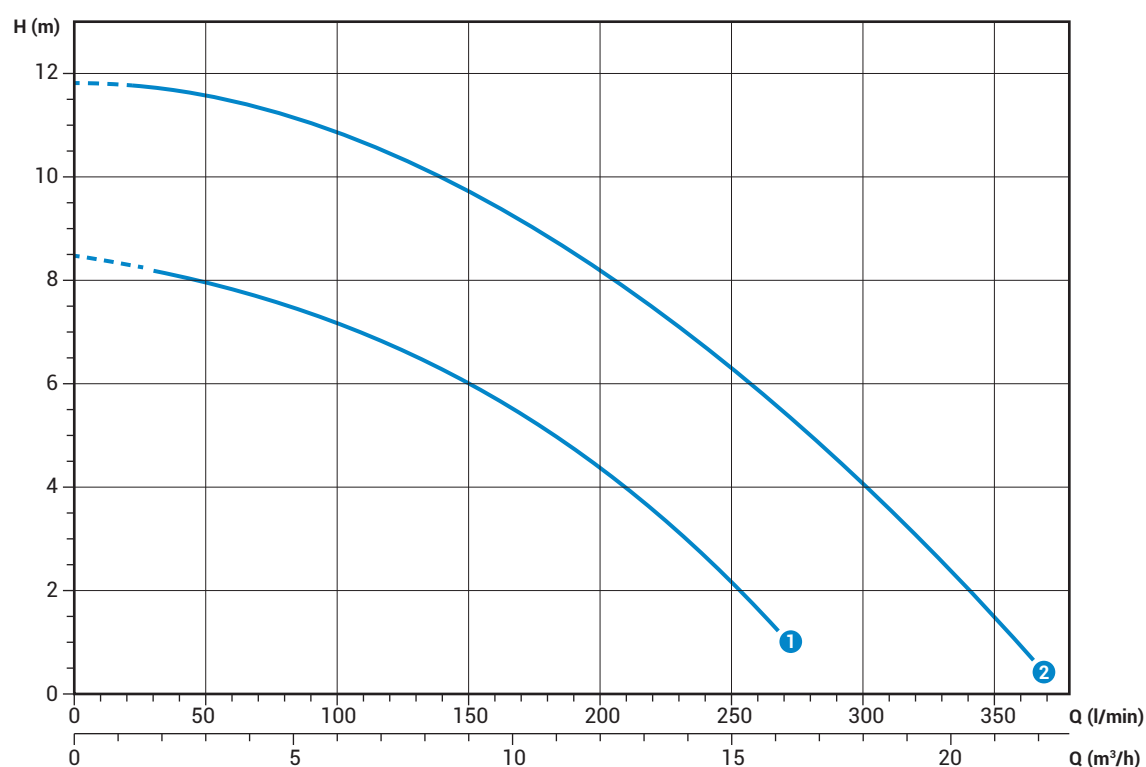
Construction materials

Case	Cast stainless steel - CF-8M (AISI 316)
Hydraulic parts	Cast stainless steel - CF-8M (AISI 316)
Impeller	Stainless steel
Nuts and bolts	Stainless steel - Class A2-70
Standard gasket	Rubber - VITON
Shaft	Stainless steel - AISI 316
Paint type	-

DRX 2/G32V

Performances

	l/s	0	1	2	3	4	5	6
	l/min	0	60	120	180	240	300	360
	m³/h	0	3.6	7.2	10.8	14.4	18.0	21.6
① DRX 50/2/G32V A0CM(T)5		8.5	7.8	6.7	5.1	2.6		
② DRX 75/2/G32V A0CM(T)5		11.8	11.5	10.5	8.9	6.7	4.1	1.0



Characteristic curves according to UNI EN ISO 9906

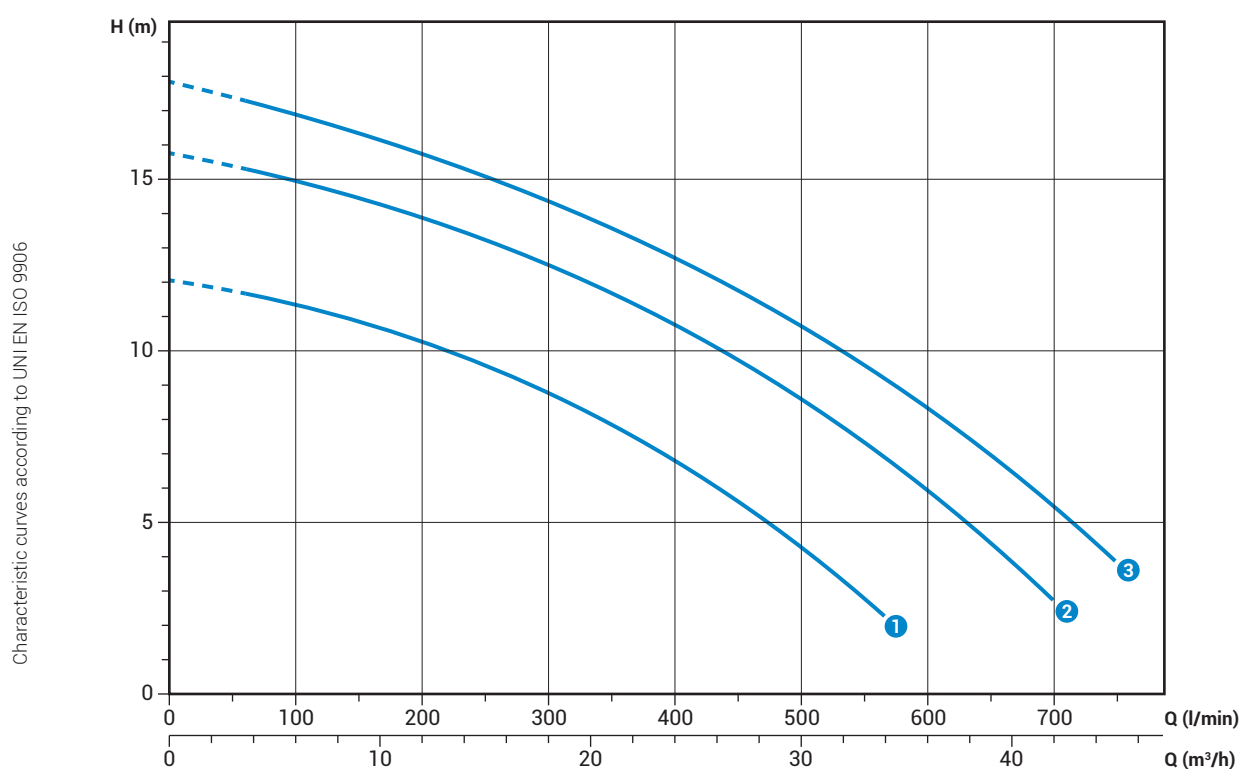
Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
① DRX 50/2/G32V A0CM5	230	1	-	0.37	2.9	2900	Dir	4G1	G 1 ¼"	15 mm
② DRX 75/2/G32V A0CM5	230	1	-	0.55	3.9	2900	Dir	4G1	G 1 ¼"	15 mm

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
① DRX 50/2/G32V A0CT5	400	3	-	0.37	1.1	2900	Dir	4G1	G 1 ¼"	15 mm
② DRX 75/2/G32V A0CT5	400	3	-	0.55	1.4	2900	Dir	4G1	G 1 ¼"	15 mm

DRX 2/G50V**Performances**

	l/s	0	2	4	6	8	10	12
	l/min	0	120	240	360	480	600	720
	m ³ /h	0	7.2	14.4	21.6	28.8	36	43.2
① DRX 100/2/G50V A0CM(T)5		12.0	11.1	9.7	7.6	4.8		
② DRX 150/2/G50V A0CM(T)5		15.8	14.8	13.4	11.5	9.0	5.9	
③ DRX 200/2/G50V A0CM(T)5		17.8	16.7	15.2	13.4	11.1	8.3	4.8

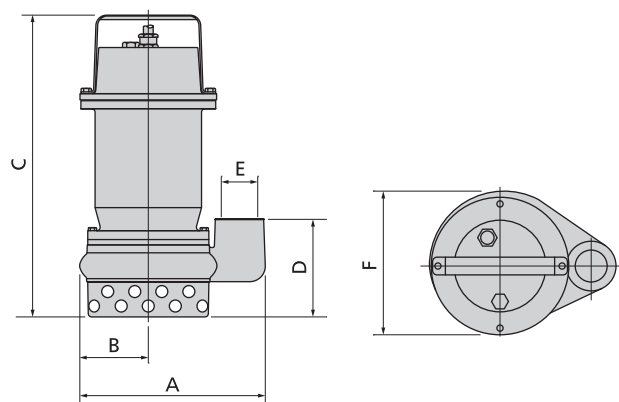
**Technical data**

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
① DRX 100/2/G50V A0CM5	230	1	-	0.88	6.5	2900	Dir	4G1	G 2"	15 mm
② DRX 150/2/G50V A0CM5	230	1	-	1.1	8.2	2900	Dir	4G1	G 2"	15 mm
③ DRX 200/2/G50V A0CM5	230	1	-	1.5	9.3	2900	Dir	4G1	G 2"	15 mm

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
① DRX 100/2/G50V A0CT5	400	3	-	0.88	2.3	2900	Dir	4G1	G 2"	15 mm
② DRX 150/2/G50V A0CT5	400	3	-	1.1	2.7	2900	Dir	4G1	G 2"	15 mm
③ DRX 200/2/G50V A0CT5	400	3	-	1.5	3.5	2900	Dir	4G1	G 2"	15 mm

DRX

Overall dimensions and weights



	A	B	C	D	E	F	
DRX 50/2/G32V A0CM(T)5	210	75	340	110	G 1 1/4"	160	17
DRX 75/2/G32V A0CM(T)5	210	75	340	110	G 1 1/4"	160	17
DRX 100/2/G50V A0CM(T)5	265	100	390	125	G 2"	190	21
DRX 150/2/G50V A0CM(T)5	265	100	390	125	G 2"	190	23
DRX 200/2/G50V A0CM(T)5	265	100	390	125	G 2"	190	23

Dimensions in mm

Packaging dimension



	X	Y	Z
DRX 50/2/G32V A0CM5	225	385	245
DRX 75/2/G32V A0CM5	225	385	245
DRX 100/2/G50V A0CM5	285	475	235
DRX 150/2/G50V A0CM5	285	475	235
DRX 200/2/G50V A0CM5	285	475	235
DRX 50/2/G32V A0CT5	225	385	245
DRX 75/2/G32V A0CT5	225	385	245
DRX 100/2/G50V A0CT5	285	475	235
DRX 150/2/G50V A0CT5	285	475	235
DRX 200/2/G50V A0CT5	285	475	235

Dimensions in mm