

Operating Limits

LIQUID HANDLED |

Clean water or non-aggressive liquid compatible to AISI 304/316.

WORKING PRESSURE |

Maximum working pressure up to **10 bar or 1000 kPa**.

CAPACITY |

Maximum capacity up to **1 200 litres/ min or 72 m3/hr**.

DISCHARGE PRESSURE |

Maximum discharge pressure up to **55 metres**.

OPERATING TEMPERATURE |

-15 to 80°C with standard fitted mechanical seal.
Higher temp up to **110°C**, optional material seals are available.

OPERATING SPEED |

Operating speed of **2 900 r.p.m.**

Material of Construction

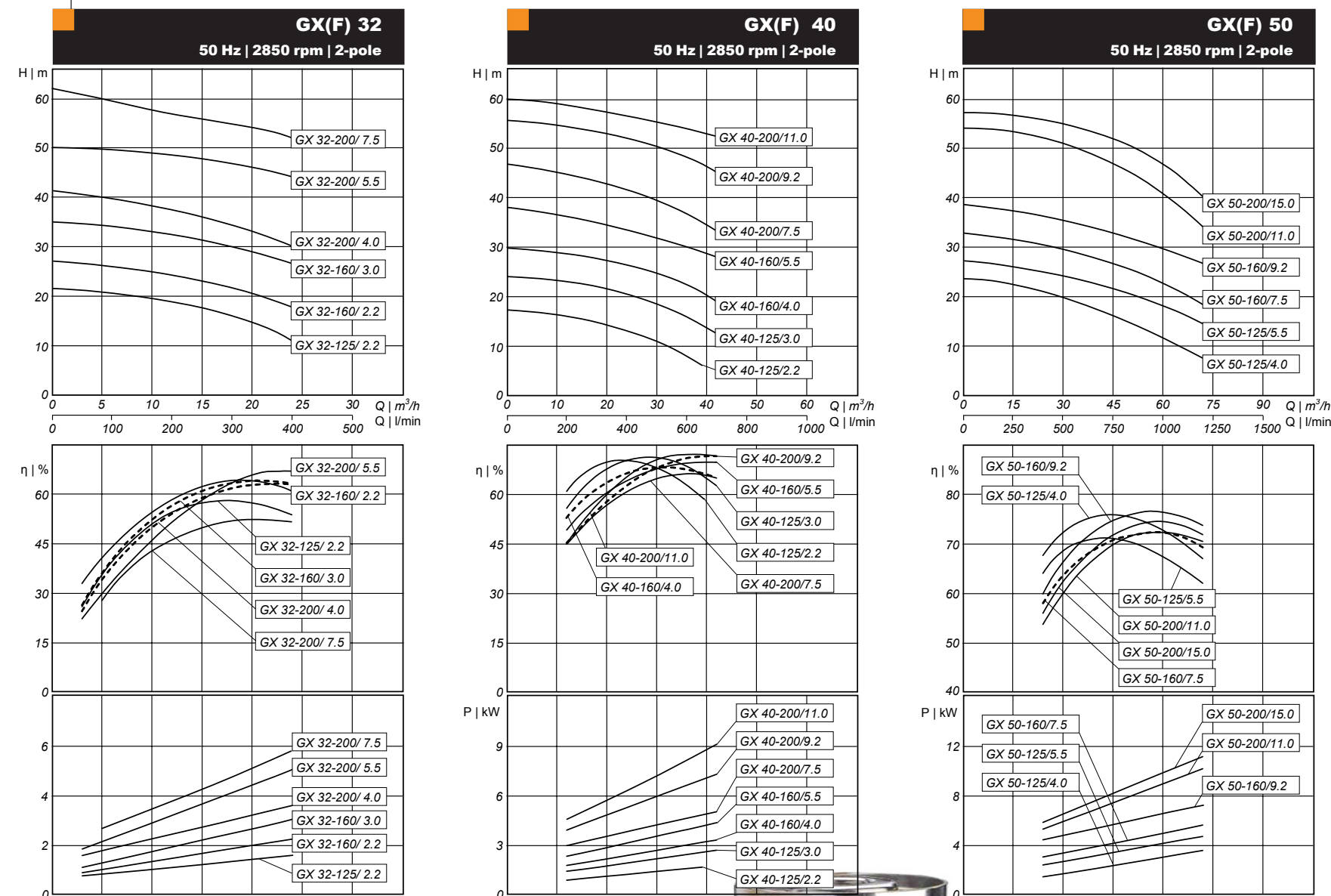
Material of construction	
Parts	
Casing Backplate	Stainless steel AISI 304 or AISI 316 as option
Impeller Impeller nut	Stainless steel AISI 304 or AISI 316 as option
Shaft	Stainless steel AISI 304
Bolts Nuts Washers	Stainless steel
Motor frame	Aluminium [Cast iron frame for 11kW & 15kW]
Shaft sealing Mechanical seal DIN24960	Standard Carbon/ Silicon carbide/ NBR -15 to 80°C Optional Carbon/ Ceramic/ Viton -20 to 110°C Stainless steel/ Ceramic/ Silicon rubber -20 to 110°C

Technical Data | Motor

Technical data	
Motor type	Totally enclosed fan-cooled [TEFC]
Protection	IP55 protection [Weatherproof]
Insulation	Class 'F'
Rating	Continuous
Voltage	380-415Volts/ 3 phase/ 50Hz [Overload protection must be provided by end-users]
Input current [kW]	2.2 3.0 4.0 5.5 7.5 11.0 15.0
[380-415V/3-ph] [Amp]	4.62 5.89 7.39 9.25 13.2 19.8 28.5

Performance Curves

Performance tested to ISO2858, Class C, and Water test temperature at 20°C



Remarks: Refer to MONOFLO individual pump performance curves for accurate selections

Model Designation

Gen-X series model prefix — **GX F Z 32 - 125 / 2.2**

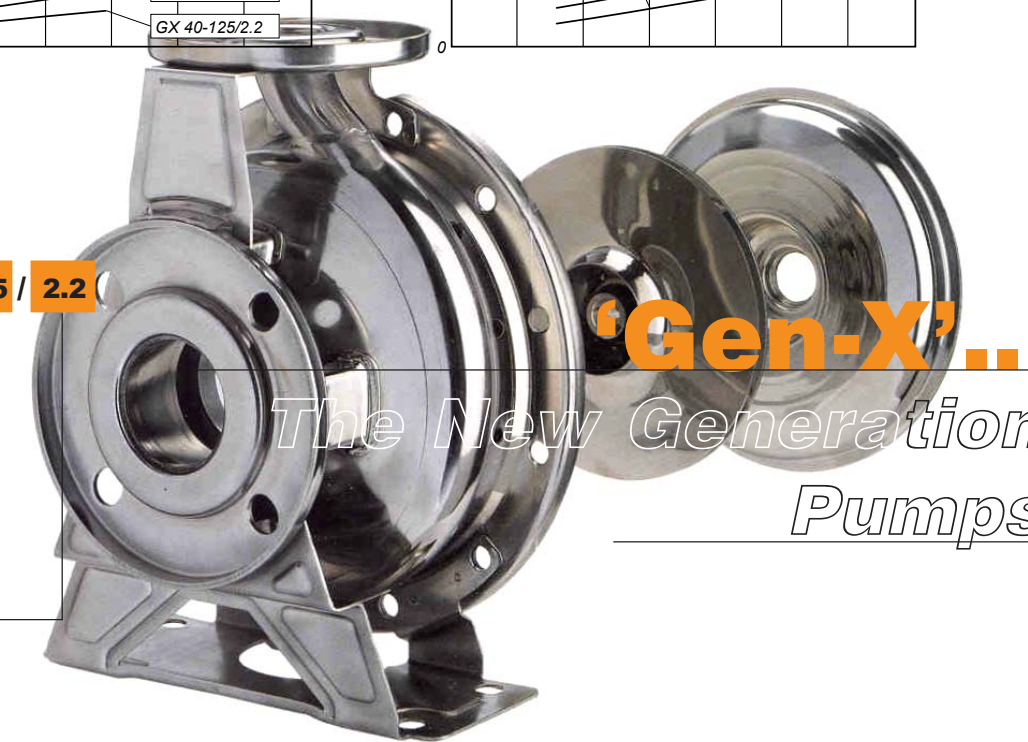
Close-coupled, extended shaft, 304 stainless steel version

'Stub-shaft' version —

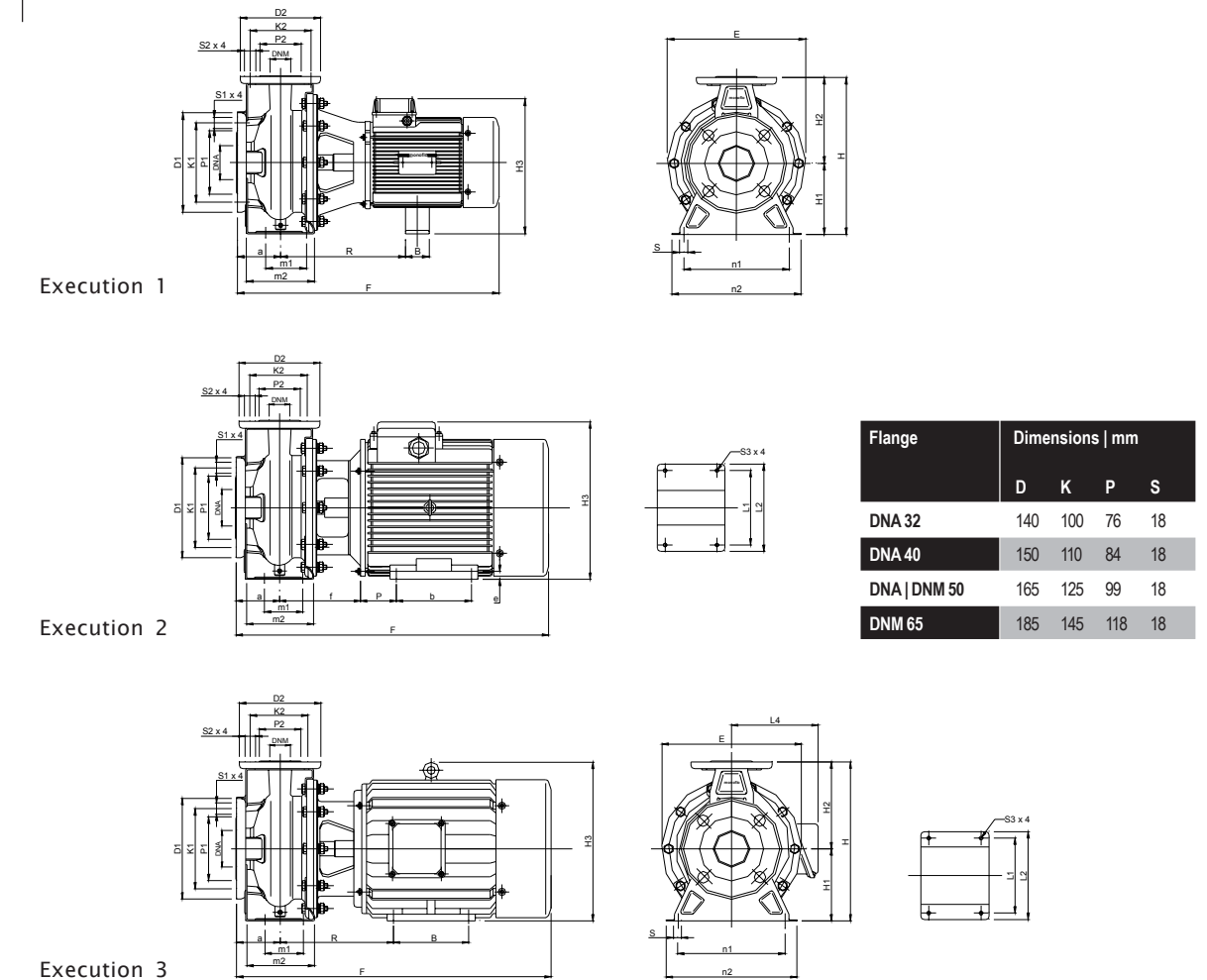
316 stainless steel version —

Dimensions
Pump DISCHARGE dia. in mm | DN32
Pump IMPELLER nominal diameter | mm

Motor power in kW | 2.2 kW



Dimensions | Version GX



Models	Execution	Dimensions mm																	Wt kg					
		E	E1	F	h	h1	h2	h3	a	Mounting				Flange										
		m1	m2	n1	n2	S	B	R	P	L1	L2	L3	S3	DNA	DNM	kg								
GX 32-125/2.2	1	244	-	490	292	132	160	272	80	70	118	190	240	15	42	225	-	-	-	-	50	32	29.5	
GX 32-160/2.2	1	244	-	490	292	132	160	272	80	70	118	190	240	15	42	225	-	-	-	-	50	32	29.5	
GX 32-160/3.0	1	244	-	519	292	132	160	282	80	70	118	190	240	15	38	241	-	-	-	-	50	32	35.5	
GX 32-200/4.0	1	295	-	516	340	160	180	310	80	70	118	190	240	15	48	238	-	-	-	-	50	32	43.0	
GX 32-200/5.5	2	295	344	572	340	160	180	317	80	70	118	190	240	15	-	-	202	216	248	140	14	50	32	63.0
GX 32-200/7.5	2	295	344	572	340	160	180	317	80	70	118	190	240	15	-	-	202	216	248	140	14	50	32	68.0
GX 40-125/2.2	1	244	-	487	292	132	160	272	80	70	118	190	240	15	42	222	-	-	-	-	65	40	30.0	
GX 40-125/3.0	1	244	-	516	292	132	160	282	80	70	118	190	240	15	38	238	-	-	-	-	65	40	36.0	
GX 40-160/4.0	1	244	-	516	292	132	160	282	80	70	118	190	240	15	48	238	-	-	-	-	65	40	40.0	
GX 40-160/5.5	2	244	344	572	292	132	160	289	80	70	118	190	240	15	-	-	202	216	248	140	14	65	40	62.0
GX 40-200/7.5	2	295	344	592	340	160	180	317	100	70	136	212	265	15	-	-	202	216	248	140	14	65	40	68.0
GX 40-200/9.2	2	295	344	630	340	160	180	317	100	70	136	212	265	15	-	-	202	216	248	140	14	65	40	78.0
GX 40-200/11.0	3	295	265	696	340	160	180	385	100	70	136	212	265	15	-	-	215.5	254	330	210	15	65	40	84.0
GX 50-125/4.0	1	244	-	546	340	160	180	310	100	70	142	212	265	15	48	243	-	-	-	-	65	50	41.0	
GX 50-125/5.5	2	244	344	602	340	160	180	317	100	70	142	212	265	15	-	-	212	216	248	140	14	65	50	62.0
GX 50-160/7.5	2	244	344	602	340	160	180	317	100	70	142	212	265	15	-	-	212	216	248	140	14	65	50	67.0
GX 50-160/9.2	2	244	344	640	340	160	180	317	100	70	142	212	265	15	-	-	212	216	248	140	14	65	50	77.0
GX 50-200/11	3	295	265	696	360	160	200	385	100	70	140	212	265	15	-	-	215.5	254	330	210	15	65	50	84.0
GX 50-200/15	3	295	265	696	360	160	200	385	100	70	140	212	265	15	-	-	215.5	254	330	210	15	65	50	158.0

[All dimensions & weights are for reference only, and are subjected to changes without prior notice.]