



The FEX5 series monoblock submersible well pumps are suitable for use in tanks or shallow wells with an internal diameter of at least 130 mm.

The main feature is that the hydraulic section is positioned below the motor, allowing a lower suction level and ensuring proper motor cooling even in tanks. The hydraulics are of traditional design, with fixed technopolymer impellers on the shaft. The motor is asynchronous and cooled by the pumped liquid. It comes standard with a double mechanical seal with an intermediate oil chamber for excellent performance and long life in harsh conditions.

All structural components are made of stainless steel AISI 304, with no cast iron or other materials that degrade over time.

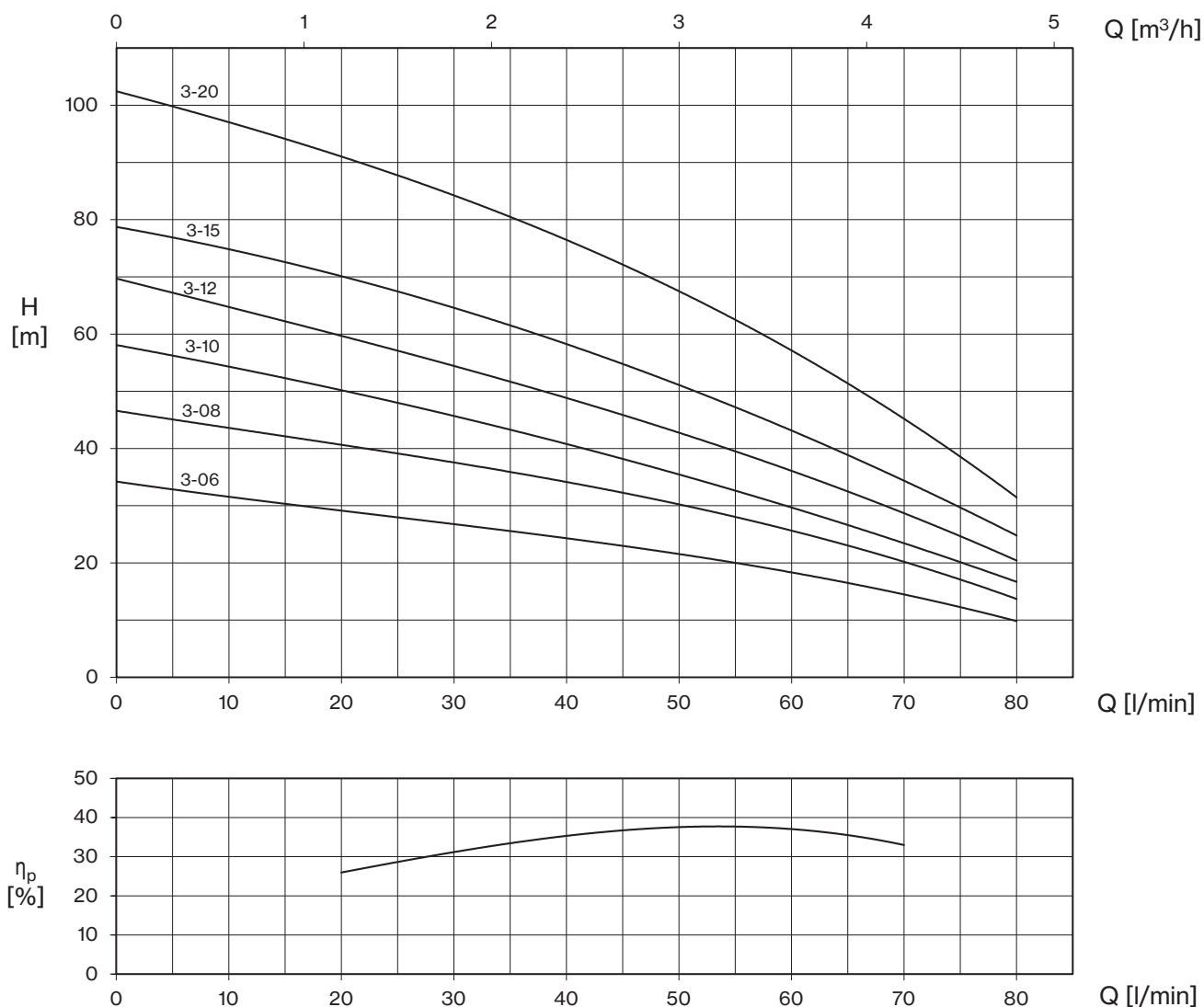
The power cable and float switch connect to the pump via removable connectors to minimize stock requirements. Power cables are available in 10-20-40 m lengths in H07RNF.

The single-phase version includes an internal capacitor with automatic reset overload protection and a cable with Schuko plug. On request, it can be supplied without capacitor, with a three-wire cable and external control box.

Construction features

Suction and delivery outlet	stainless steel AISI 304
External jacket	stainless steel AISI 304L
Impellers	Noryl®
Diffusers	Noryl®
Support bush with sleeve	Noryl®
Shaft	stainless steel AISI 316L
Mechanical seal	double with intermediate oil chamber
Suction filter	stainless steel AISI 304
Connector cable	removable H07RN-F
Quantity of sand in the water	max 50 g/m ³
Max liquid temperature	max 35 °C
Non-return valve	not included





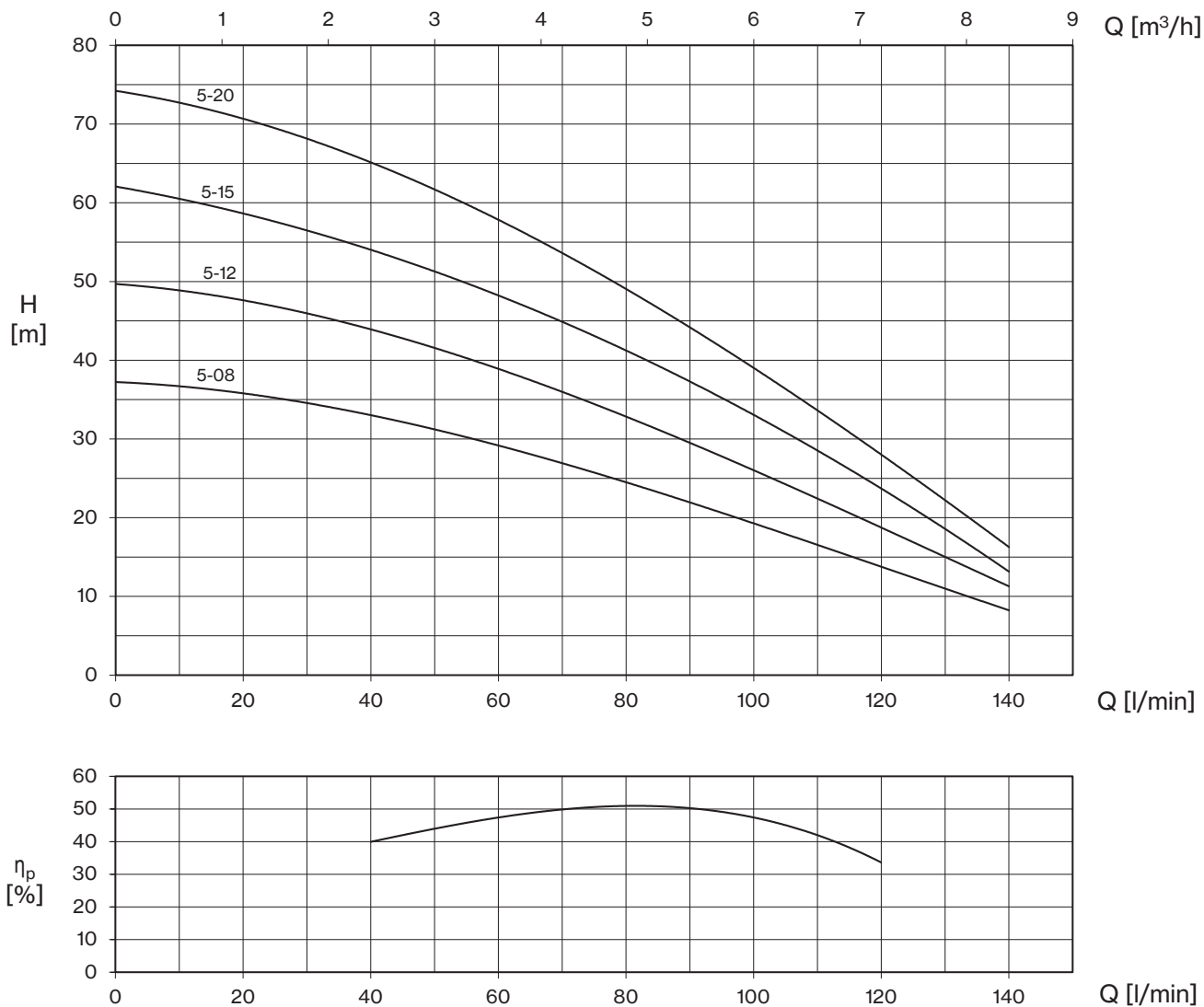
FEX5 3

50 Hz - 2850 rpm								Q									
TYPE	P2		P1	ELECTRICAL DATA				l/min	0	10	20	30	40	50	60	70	80
	HP	Kw		W	A	μf	A		l/sec	0	0,17	0,33	0,5	0,67	0,83	1,0	1,17
								m³/h	0	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8
FEX5 306	0,6	0,45	800	3,7	20	1,4	2,4	H (m)	35	33	30	27	24	21	18	14	10
FEX5 308	0,8	0,6	1000	5,1	25	1,9	2,9		47	44	40	36	32	28	24	19	14
FEX5 310	1	0,75	1250	5,7	25	2,2	4		59	55	50	45	40	35	30	24	17
FEX5 312	1,2	0,9	1400	6,5	35	2,6	4,5		70	66	60	54	48	42	36	28	20
FEX5 315	1,5	1,1	1600	7,7	35	2,9	4,8		82	77	70	63	56	49	42	33	24
FEX5 320	2	1,5	2100	10	40	3,5	5,7		105	99	90	81	72	63	54	42	30

MEI ≥ 0.7 (EU Regulation No. 547/2012)
Non-return valve: not included



FEX5

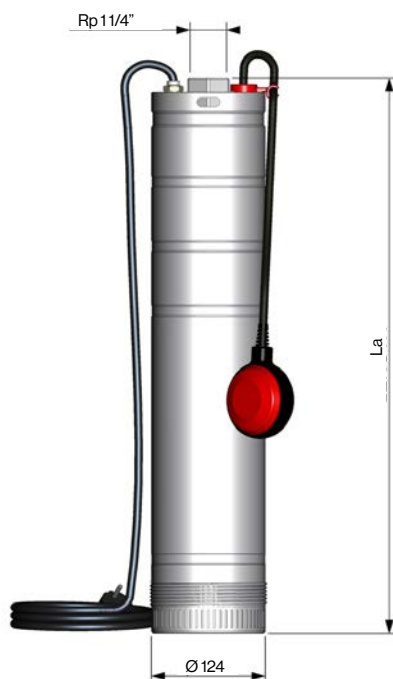


FEX5 5

50 Hz - 2850 rpm								Q									
TYPE	P2		P1	ELECTRICAL DATA				l/min	0	40	50	60	70	80	100	120	140
	HP	Kw		W	A	μf	A		l/sec	0	0,67	0,83	1,0	1,17	1,33	1,67	2,0
							m³/h	0	2,4	3	3,6	4,2	4,8	6	7,2	8,4	
FEX5 508	0,8	0,6	1100	5,2	25	2,1	4	H (m)	38	33	32	30	28	25	20	14	8
FEX5 512	1,2	0,9	1300	6,5	35	2,5	4,5		51	-	43	40	38	34	27	19	11
FEX5 515	1,5	1,1	1620	8	35	3	5		64	-	54	50	47	42	34	24	14
FEX5 520	2	1,5	2000	9,5	40	3,7	5,7		76	-	64	60	56	50	40	28	16

MEI ≥ 0.7 (EU Regulation No. 547/2012)
Non-return valve: not included





FEX5 3

TYPE		ST	DIMENSIONS (mm)	WEIGHT (kg)
1-	3-		La	
FEX5 306	FEX5 306	3	450	10
FEX5 308	FEX5 308	4	500	12
FEX5 310	FEX5 310	5	520	13
FEX5 312	FEX5 312	6	590	14
FEX5 315	FEX5 315	7	620	15
FEX5 320	FEX5 320	9	700	17

FEX5 5

TYPE		ST	DIMENSIONS (mm)	WEIGHT (kg)
1-	3-		La	
FEX5 508	FEX5 508	3	480	12
FEX5 512	FEX5 512	4	520	13
FEX5 515	FEX5 515	5	540	14
FEX5 520	FEX5 520	6	620	16