



Monoblock Submersible Pumps

Made in China



Catalogue 50 / 60 Hz



Application Area

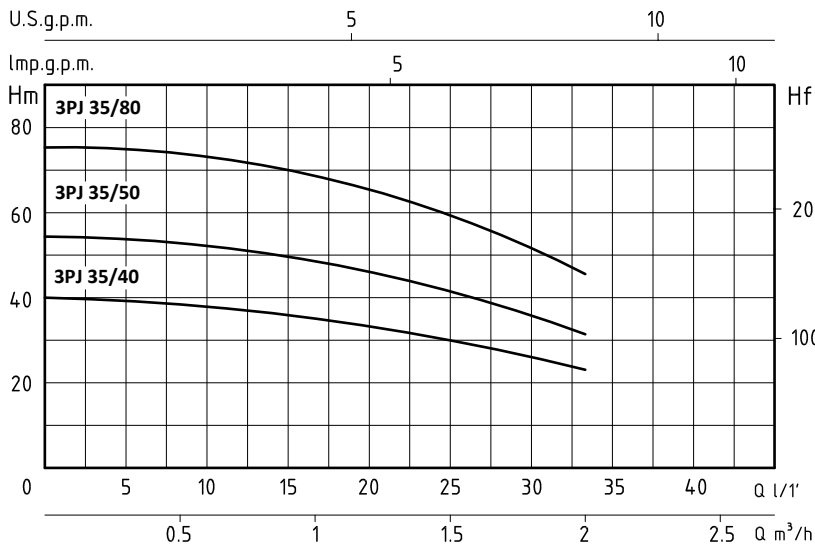
For water supply from wells or reservoirs.
 For domestic use, for civil and industrial applications.
 For garden use and irrigation.

Motor and Pump

Rewindable motor.
 Equipped with start control box
 Pumps are designed by casing stressed.
 NEMA dimension standard.

Operating Limits

Maximum fluid temperature up to +4 0°C.
 Maximum sand content: 0.15%.
 Maximum immersion: 50m.
 Minimum well diameter: 3".



Component	Material
Pump external case	AISI 201 SS
Pump outlet	Plastic PPO
Pump inlet	Plastic PPO
Diffuser	Plastic PC
Diffuser cover	Plastic PC
Impeller	Plastic POM
Motor external casing	1: AISI 304 SS 2: AISI 201 SS
Upper bearing seta	ZL 102
Bottom bearing seat	ZL 102
Mechanical seal	Ceramic-graphite
Shaft	AISI 304 SS
Cylinder cap	Plastic PPO
Support	Plastic PVC
Strainer	AISI 304 SS
Bearing	1: NSK 2:C&U
Seal lubricant oil	Oil for machinery

Technical Specification

Model	kW	HP	Impellers	Phase	Voltage [V]	Q (m³/h)				
						0	1	1,5	2	
3PJ 35/40	0,25	0,33	10	Single-Phase	220V/50Hz	L/min	0	17	25	33
						Head(m)	39	37	30	23
3PJ 35/50	0,37	0,5	14	Single-Phase	220V/50Hz	Head(m)	53	47	42	30
3PJ 35/80	0,55	0,75	20	Single-Phase	220V/50Hz	Head(m)	75	66	60	43



Application Area

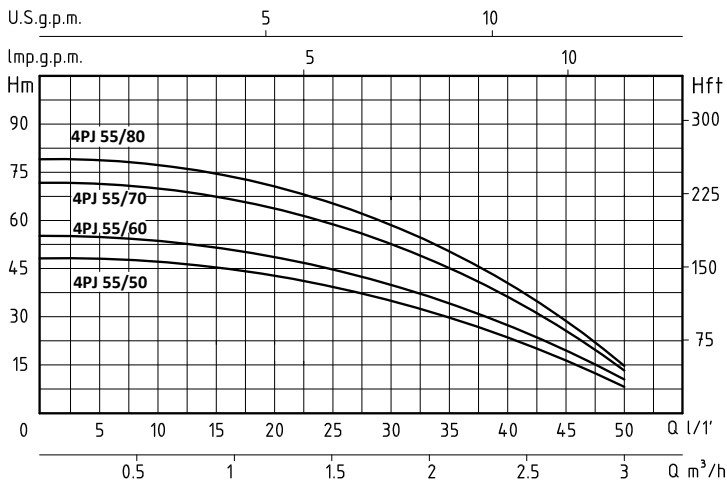
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 NEMA dimension standard.

Operating Limits

Maximum fluid temperature up to +4 0°C.
 Maximum sand content: 0.15%.
 Maximum immersion: 50m.
 Minimum well diameter: 4".



Component	Material
Pump external case	AISI 201 SS
Pump outlet	Plastic PPO
Pump inlet	Plastic PPO
Diffuser	Plastic PC
Diffuser cover	Plastic PC
Impeller	Plastic POM
Motor external case	1: AISI 304 SS 2: AISI 201 SS
Upper bearing seta	ZL 102
Bottom bearing seat	ZL 102
Mechanical seal	Ceramic-graphite
Shaft	AISI 304 SS
Cylinder cap	Plastic PPO
Support	Plastic PVC
Strainer	AISI 304 SS
Bearing	1: NSK 2:C&U
Seal lubricant oil	Oil for machinery

Tecnical Specification

Model	kW	HP	Impellers	Phase	Voltage [V]	Q L/min	Head(m)			
							0	1	2	3
4PJ 55/50	0,37	0,5	6	Single-Phase	220V/50Hz	0	17	33	50	
						47	42	31	8	
4PJ 55/60	0,45	0,6	7	Single-Phase	220V/50Hz	55	49	36	10	
						70	63	47	12	
4PJ 55/70	0,6	0,8	9	Single-Phase	220V/50Hz	78	70	52	14	
						80	70	52	14	



Application Area

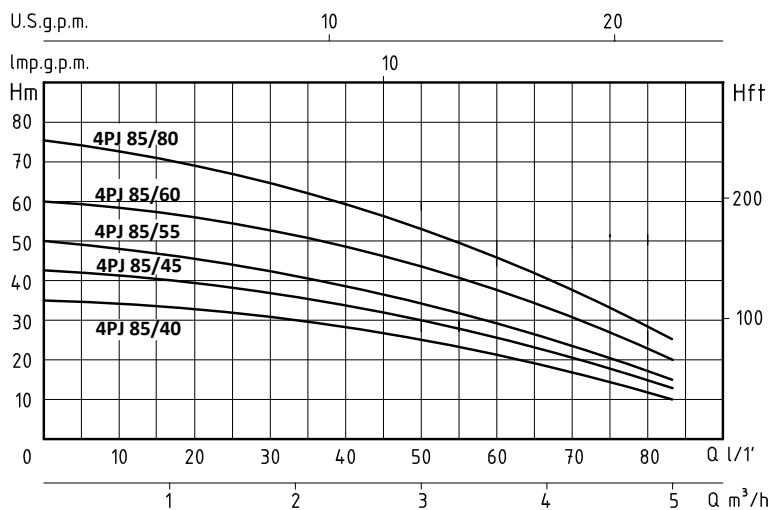
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Motor and Pump

Rewindable motor.
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Operating Limits

Maximum fluid temperature up to +40°C.
 Maximum sand content: 0.15%.
 Maximum immersion: 50m.
 Minimum well diameter: 4".



Component	Material
Pump external case	AISI 201 SS
Pump outlet	Plastic PPO
Pump inlet	Plastic PPO
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Support	Plastic PVC
Strainer	AISI 304 SS
Bearing	1: NSK 2:C&U
Seal lubricant oil	Oil for machinery

Technical Specification													
Model	kW	HP	Impellers	Phase	Voltage [V]	Q L/min	Head(m)						
							0	1	2	3	4	5	
4PJ 85/40	0,37	0,5	5	Single-Phase	220V/50Hz	35	33	30	24	17	10		
4PJ 85/45	0,6	0,8	6	Single-Phase	220V/50Hz	42	40	36	29	21	12		
4PJ 85/55	0,8	1,1	7	Single-Phase	220V/50Hz	50	47	42	34	25	15		
4PJ 85/60	1,1	1,5	8	Single-Phase	220V/50Hz	60	54	49	42	32	19		
4PJ 85/80	1,1	1,5	10	Single-Phase	220V/50Hz	75	69	61	52	38	25		



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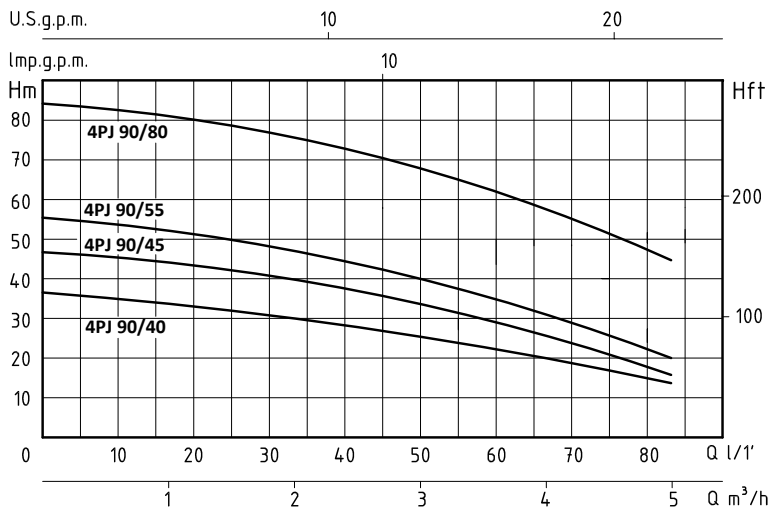
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Support	Plastic PVC
Strainer	AISI 304 SS
Bearing	1: NSK 2:C&U
Seal lubricant oil	Oil for machinery

Tecnical Specification

Model	kW	HP	Impellers	Phase	Voltage [V]	Q L/min	Head(m)					
							0	1	2	3	4	5
							0	16,7	33,4	50,1	66,8	83,5
4PJ 90/40	0,37	0,5	4	Single-Phase	110V/60Hz or 220V/60Hz		37	35	32	26	20	13
4PJ 90/45	0,6	0,8	5	Single-Phase	110V/60Hz or 220V/60Hz		46	44	40	33	25	16
4PJ 90/55	0,8	1,1	6	Single-Phase	110V/60Hz or 220V/60Hz		56	53	48	40	30	20
4PJ 90/80	1,3	1,8	8	Single-Phase	110V/60Hz or 220V/60Hz		82	80	75	68	57	44



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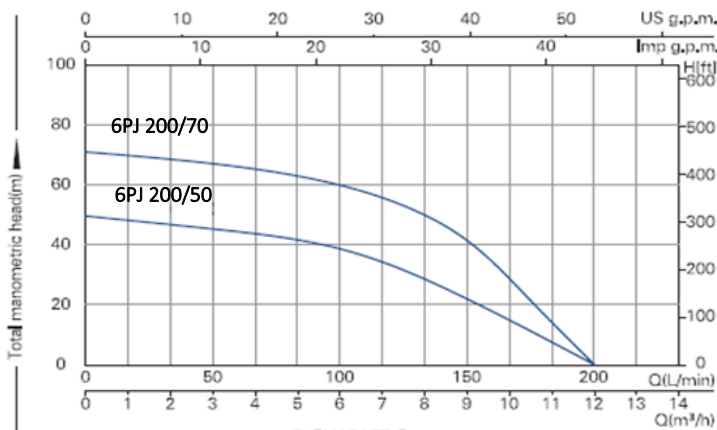
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Operating Limits

Maximum fluid temperature up to +40°C.
 Maximum sand content: 0.15%.
 Maximum immersion: 50m.
 Minimum well diameter: 6".



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Support	Plastic PVC
Strainer	AISI 304 SS
Bearing	1: NSK 2:C&U
Seal lubricant oil	Oil for machinery

Technical Specification

Model	kW	HP	Phase	Voltage [V]	Q L/min	0	3	6	9	12			
						0	50	100	150	200			
6PJ	200/50	1,1	1,5	Single-Phase	220V/50Hz	Head(m)	50	45	40	23	0		
6PJ	200/70	2,2	3	Single-Phase	220V/50Hz		70	69	60	35	0		



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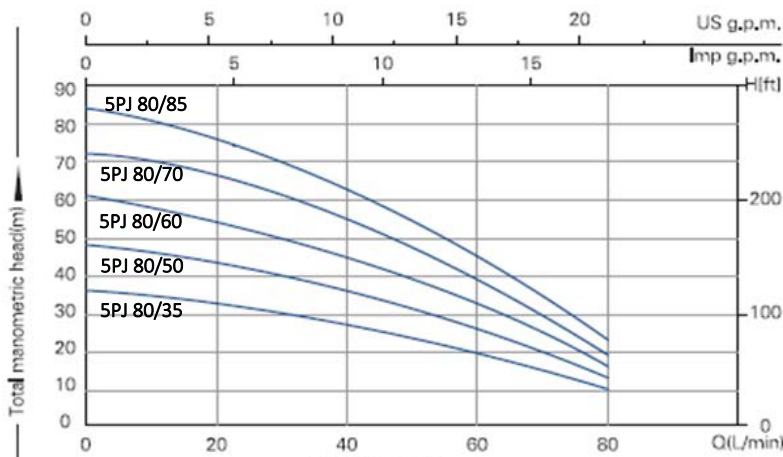
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Component	Material
Pump external case	AISI 304 SS
Support	AISI 304 SS
Diffuser	Plastic PPO
Baffle	Plastic PPO
Impeller	Plastic PPO
Strainer plate	AISI 304 SS
Compress plate	AISI 304 SS
Compress bottom plant	AISI 304 SS
Terminal box cover	AISI 304 SS
Upper bearing seat	Cast-Cu
Bottom bearing seat	Cast-Cu
Baffle base	Plastic PPO
Shaft	2Cr13
Mechanical seal seat	AISI 304 SS
Strainer plate	AISI 304 SS
Bearing	1: NSK 2 C&U
Seal lubricant oil	Oil for machinery

Technical Specification

Model	kW	HP	Phase	Voltage [V]	Q L/min	Head (m)					
						0	1,2	1,8	2,4	3,6	4,8
5PJ 80/35	0,45	0,6	Single-Phase	220V/50Hz	36	32	30	27	19	10	
5PJ 80/50	0,6	0,8	Single-Phase	220V/50Hz	48	43	40	36	26	13	
5PJ 80/60	0,75	1	Single-Phase	220V/50Hz	61	54	50	45	32	16	
5PJ 80/70	0,9	1,2	Single-Phase	220V/50Hz	72	67	60	54	39	19	
5PJ 80/85	1,1	1,5	Single-Phase	220V/50Hz	84	75	70	63	45	23	



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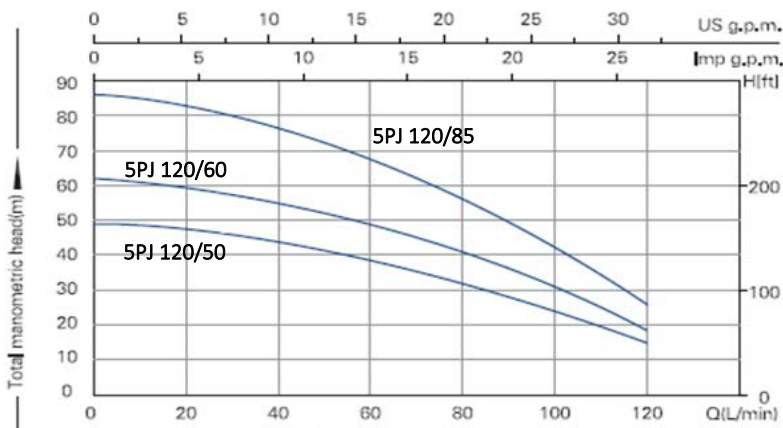
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Mechanical seal seat	AISI 304 SS
Strainer plate	AISI 304 SS
Bearing	1: NSK 2 C&U
Seal lubricant oil	Oil for machinery

Tecnical Specification							0	1,8	2,4	3,6	4,8	6	7,2
Model	kW	HP	Phase	Voltage [V]	Q L/min	Head (m)	0	30	40	60	80	100	120
5PJ 120/50	0,9	1,2	Single-Phase	220V/50Hz			49	45	44	38	32	22	15
5PJ 120/60	1,1	1,5	Single-Phase	220V/50Hz			62	57	55	48	4	28	19
5PJ 120/85	1,5	2	Single-Phase	220V/50Hz			86	79	77	67	56	39	26