



PUMPIRAN



راهنمای انتخاب پمپ‌های عمودی طبقاتی استیل

PCR

Vertical Multi Stage Steel Pumps

50 Hz

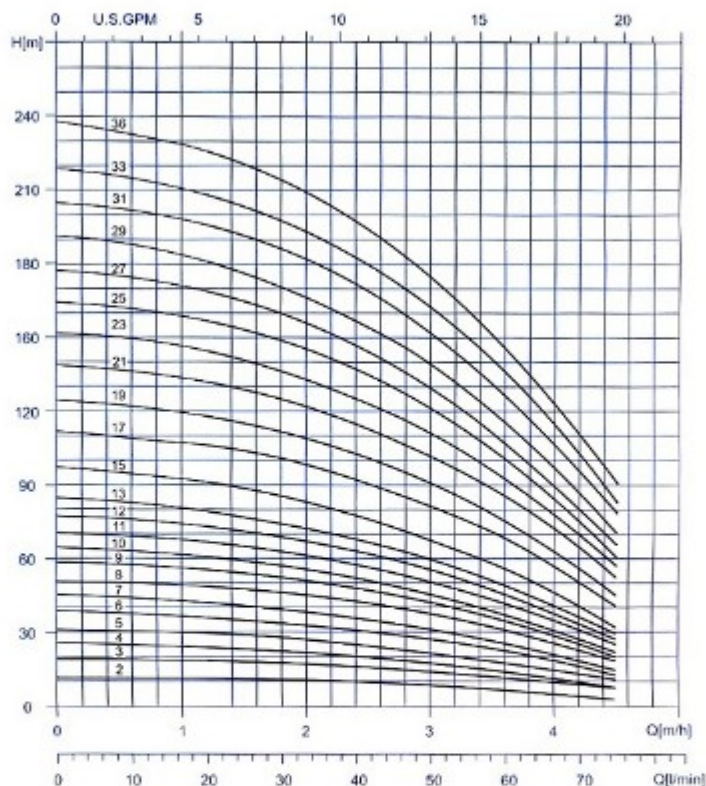


Vertical Multistage Centrifugal in - line Pump

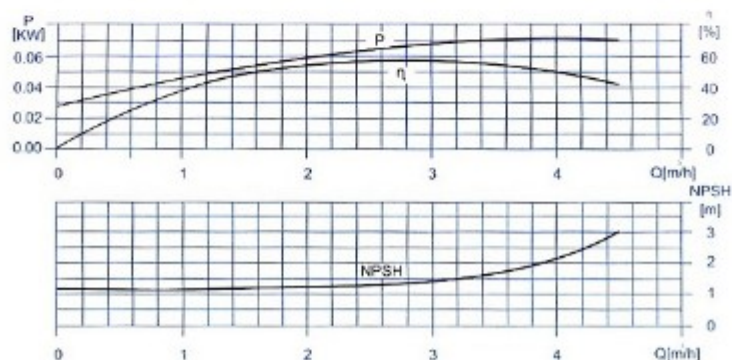
Maximum operating and inlet pressures

Pump size	Stages	Maximum Operating Pressure	Stage	Maximum Inlet Pressure
PCR 1	2-36	25bar	2-36	10bar
PCR 3	2-36	25bar	2-29	10bar
			31-36	15bar
PCR 5	2-36	25bar	2-16	10bar
			18-36	15bar
PCR 10	1-16	16bar	1-6	8bar
	17-22	25bar	7-22	10bar
PCR 15	1-10	16bar	1-3	8bar
	12-17	25bar	4-17	10bar
PCR 20	1-10	16bar	1-3	8bar
	12-17	25bar	4-17	10bar
PCR 32	(1-1)-7	16bar	(1-1)-4	4bar
	(8-2)-14	30bar	(5-2)-10	10bar
			(11-2)-14	15bar
PCR 45	(1-1)-5	16bar	(1-1)-2	4bar
	(6-2)-11	30bar	(3-2)-5	10bar
	(12-2)-(13-2)	33bar	(6-2)-(13-2)	15bar
PCR 64	(1-1)-5	16bar	(1-1)-(2-2)	4bar
	(6-2)-(8-1)	30bar	(2-1)-(4-2)	10bar
			(4-1)-(8-1)	15bar
PCR 90	(1-1)-4	16bar	(1-1)-1	4bar
	(5-2)-6	30bar	(2-2)-(3-2)	10bar
			3-6	15bar
PCR 120	1-7	30bar	1-(2-1)	10bar
			2-(5-1)	15bar
			(6-1)-7	20bar
PCR 150	(1-1)-6	30bar	(1-1)-1	10bar
			(2-1)-(4-1)	15bar
			(5-2)-6	20bar

*Rule to follow: The inlet pressure + the pressure against a closed valve < Max. Operating pressure

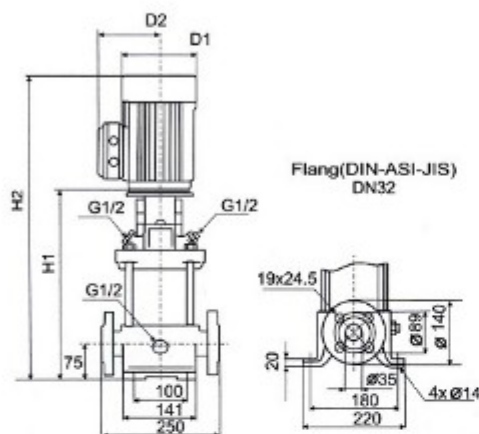


ISO 9906:2012 Grade 3B



Vertical Multistage Centrifugal in - line Pump

Dimensions and weights - PCR 3



General Specification

Output size:	25 to 125 mm
Capacity:	0.7-180 m ³ /hr
Head:	275 m
Operation Temperature:	-15 to +120
Main Connection (1-[v/Hz]):	220-240 V, 50 Hz
Main Connection (3-[v/Hz]):	380-415 V, 50 Hz
Insulation Class:	F
Enclosure Class:	IP 55
Ambient Temperature:	50°C

Pump type	Motor		Pump Flanges (mm)	PCR				
	P [kW]	rpm		Dimension(mm)				Net weight (kg)
				DIN flange		D1	D2	
				H1	H2			DIN flange
PCR 3 - 2	0.37	2900	32	279	474	141	115	23.4
PCR 3 - 3	0.37			279	474	141	115	23.4
PCR 3 - 4	0.37			297	492	141	115	23.8
PCR 3 - 5	0.37			315	510	141	115	24.2
PCR 3 - 6	0.55			333	528	141	115	25.0
PCR 3 - 7	0.55			351	546	141	115	25.4
PCR 3 - 8	0.75			375	610	141	115	27.9
PCR 3 - 9	0.75			393	628	141	115	28.3
PCR 3 - 10	0.75			411	646	141	115	28.7
PCR 3 - 11	1.1			429	664	141	115	30.2
PCR 3 - 12	1.1			447	682	141	115	3.5
PCR 3 - 13	1.1			465	700	141	115	30.9
PCR 3 - 15	1.1			501	736	141	141	31.6
PCR 3 - 17	1.5			553	844	177	141	41.0
PCR 3 - 19	1.5			589	880	177	141	41.8
PCR 3 - 21	2.2			625	916	177	141	45.3
PCR 3 - 23	2.2			661	952	177	141	46.1
PCR 3 - 25	2.2			697	988	177	141	46.8
PCR 3 - 27	2.2			733	1024	177	141	47.6
PCR 3 - 29	2.2			769	1060	177	141	48.3
PCR 3 - 31	3			809	1125	197	147	56.6
PCR 3 - 33	3			845	1161	197	147	57.4
PCR 3 - 36	3			899	1215	197	147	58.5