



PUMPS + MOTORS

NPO SERIES



OPEN-WELL

SUBMERSIBLE MONOSET PUMPS

50Hz.

SINGLE / THREE PHASE

NPO SERIES

Open-well Submersible Monoset Pumps



Salient Features:

- **No Foundation Required:** Compact design eliminates the need for a pump house.
- **Submersible Design:** Pump operates underwater, eliminating the need for a foot valve, priming, and reducing suction problems.
- **Long Life:** Sturdy construction and water-lubricated thrust bearings ensure durability.
- **Efficient Motor:** Dynamically balanced rotating parts, CRNO stamping for high efficiency, and non-overloading power characteristic.
- **Low Maintenance:** Replaceable wearing parts, maintenance-free LTB4 bushes, and CED-coated casting and stamping parts for rust prevention.
- **Reliable Operation:** Carbon vs SS trust bearing for less friction loss, high efficiency, and continuous operation.
- **Cooling System:** Water-cooled motor with increased water capacity for better cooling and longevity.
- **Safety Features:** Two oil seals for added motor safety.
- **Quiet Operation:** Noiseless operation for minimal disturbance.

These features highlight the pump's efficiency, durability, and low maintenance requirements, making it a reliable choice for various applications.

Spares :



Performance:

Model	Body	HP	Phase	Pipe Size Suc. x Dis.	Total Head in Mtrs.																			
					6	9	10.5	12	13.5	15	18	19.5	21	24	25.5	27	28.5	30	33	36	39	42	45	48
					Discharge in LPM																			
0.5 NPO 25 X 25 SP	SS	0.5	1	25X25	72	65	60	56	52	48	38	32	25	12										
1 NPO 25 X 25 SP	SS	1	1	25X25		85	80	78	75	70	62	55	50	42	38	32	25	20	10					
0.5 NPO 25 X 25 A SP	SS	0.5	1	25X25	180	170	150	130	110	95	20													
1 NPO 25 X 25 A SP	SS	1	1	25X25				200	180	165	140	120	100	70	50	30								
1 NPO 40 X 40 SP	SS	1	1	40X40	360	315	290	270	245	225	180	150	100											
1.5 NPO 40 X 32 SP	SS	1.5	1	40X32						270	245	230	220	185	165	130	85	35						
1.5 NPO 40 X 40 SP	SS	1.5	1	40X40							200	185	155	130	120	90	80							
1.5 NPO 50 X 50 SP	SS	1.5	1	50X50		450	425	380	330	300	220	160												
1.5 NPO 40 X 40 A SP	SS	1.5	1	40X40						170	155	150	145	135	130	125	120	110	95	70	20			
1.5 NPO 40 X 32	SS	1.5	3	40X32						270	245	230	220	185	165	130	85	35						
2 NPO 50 X 40 SP	SS	2	1	50X40			315	305	295	285	265	255	245	220	205	185	155	110						
2 NPO 50 X 50 SP	SS	2	1	50X50		475	450	430	405	375	310	250	130											
2 NPO 40 X 40 SP	SS	2	1	40X40							200	195	175	160	150	130	120	75						
2 NPO 40 X 40 A SP	SS	2	1	40X40							180	175	170	165	162	160	158	155	140	130	120	105	80	60
2 NPO 50 X 40	SS	2	3	50X40			315	305	295	285	265	255	245	220	205	185	155	110						
2 NPO 50 X 50	SS	2	3	50X50		475	450	430	405	375	310	250	130											
3 NPO 50 X 40 SP	CI	3	1	50X40										350	320	290	260	220	170	80				
3 NPO 65 X 50 SP	CI	3	1	65X50		740	700	660	630	590	500	450	400	210										
3 NPO 65 X 50 A SP	CI	3	1	65X50							590	550	500	390	320	250								
3 NPO 65 X 65 SP	CI	3	1	65X65			830	800	765	720	580	480	360											
3 NPO 100 X 100 SP	CI	3	1	100X100	1180	950	850	675	300															
5 NPO 65 X 50 SP	CI	5	1	65X50					890	850	810	750	730	600	580	520	490	475	375	200				
5 NPO 65 X 65 SP	CI	5	1	65X65				840	820	800	750	720	680	570	510	400	240							
5 NPO 75 X 75 SP	CI	5	1	75X75		1425	1350	1260	1170	1100	915	800	700											

DUTY POINT VALUES



IRRIGATION



COMMERCIAL



HOSPITALS



VILLAS

NeeramTM
PUMPS + MOTORS

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