

TECHNICAL SHEET

Model	PSD	
Capacity	0-1000	m ³ /h
Head	0-164	m
DN	32-150	mm
Speed	3000	rpm
T max	120	°C
Power	6.3-300	kW
Casing	Grey cast iron	
Impeller	AISI 304/Brass	
Shaft	AISI 304	
Shaft seal	Mechanical Seal	
Bearing	Grease lubrication rolling bearing	

Diesel

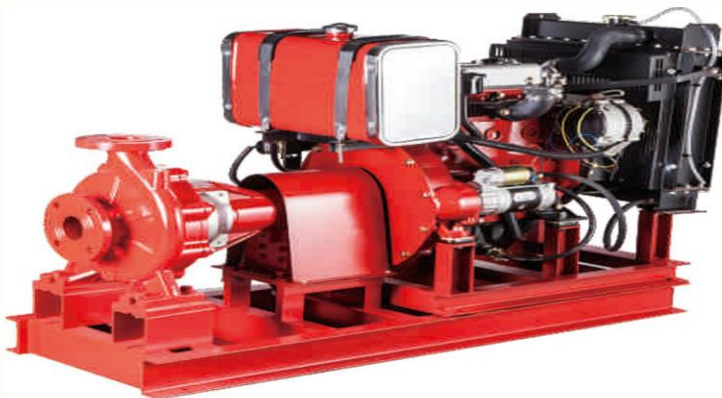
 Diesel pump as standby provider flow and pressure in the system



NEW

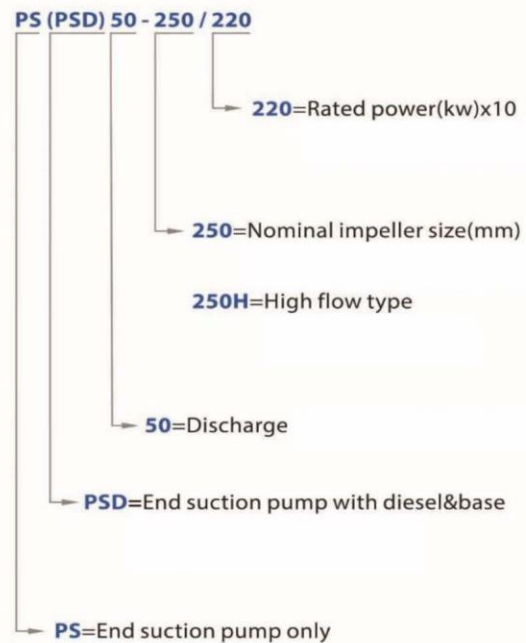
DESCRIPTION

-  Diesel engines have proven to be very reliable and effective for driving fire pumps
- Diesel engines are currently the only type of internal combustion engine permitted by NFPA 20
- Each engine shall be provided with two storage battery units according to NFPA20
- Diesel engines for fire pump is of the compression ignition type
- Advanced direct injection and combustion system.



MODEL CODE

For example



TECHNICAL DATA

50Hz n=2900 r/min

MODEL	DN	Implr dia.	Power		Q=DELIVERY															
					us	25	50	75	100	120	150	200	250	300	350	400	450	500	600	
					l/min	95	190	283	383	450	567	750	950	1133	1317	1517	1700	1900	2267	
					m³/h	5.7	11.4	17	23	27	34	45	57	68	79	91	102	114	136	
	mm	mm	kw	hp	H=Head								(m)							
PSD 32-250/55	50x32	208	6.3	8.6	60	60	58	52	39	-	-	-	-	-	-	-	-	-	-	
PSD 32-250/75	50x32	230	7.2	10	69.5	69.5	68	64	56	-	-	-	-	-	-	-	-	-	-	
PSD 32-250/92	50x32	237	8.2	12	75	75	73.5	70	61	-	-	-	-	-	-	-	-	-	-	
PSD 32-250/110	50x32	250	8.2	12	90	89	86	80	69	-	-	-	-	-	-	-	-	-	-	
PSD 32-250/150	50x32	258	20	27	97	96.8	94	88	76	-	-	-	-	-	-	-	-	-	-	
PSD 40-250/110	65x40	230	8.2	12	72	-	-	68	66	63.5	59	50	-	-	-	-	-	-	-	
PSD 40-250/150	65x40	250	20	27	84.5	-	-	79.5	77.5	75.2	71.5	63	-	-	-	-	-	-	-	
PSD 40-250/185	65x40	258	20	27	90	-	-	86	83.5	80.7	77	68	-	-	-	-	-	-	-	
PSD 50-250/150	65x50	228	20	27	68.5	-	-	-	-	-	65	62	58	53	45	-	-	-	-	
PSD 50-250/185	65x50	235	20	27	79	-	-	-	-	-	77	74	71	66	59	47	-	-	-	
PSD 50-250/220	65x50	250	24	32	89.5	-	-	-	-	-	88	85	81.5	76	68	57	-	-	-	
PSD 50-250/300	65x50	258	28	38	95.5	-	-	-	-	-	92	90	87	81	74	63	-	-	-	
PSD 65-250/220	80x65	225	24	32	64.8	-	-	-	-	-	-	-	63.5	62	61	58.5	56	52.5	-	
PSD 65-250/300	80x65	244	28	38	80	-	-	-	-	-	-	-	79	78	77	74.5	72	70	59	
PSD 65-250/370	80x65	258	42	58	92	-	-	-	-	-	-	-	89.5	88.5	87	85	83	80	69	

MODEL	DN	Implr dia.	Power		Q=DELIVERY																	
					us	250	400	500	600	750	850	950	1000	1250	1350	1500	1750	2000	2500	3000	3500	4500
					l/min	950	1517	1900	2267	2833	3217	3600	3783	4733	5100	5683	6617	7567	9467	11350	13250	17033
					m³/h	57	91	114	136	170	193	216	227	284	306	341	397	454	568	681	795	1022
		mm	mm	kw	hp	H=Head								(m)								
PSD 65-315/450	80x65	262	45	61	102	98	94.5	90	83	-	-	-	-	-	-	-	-	-	-	-		
PSD 65-315/550	80x65	290	55	75	122	120	114.5	111	104	85	-	-	-	-	-	-	-	-	-	-		
PSD 65-315/750	80x65	317	75	100	141	141	134.5	132	123	105	86	64	-	-	-	-	-	-	-	-		
PSD 65-315/900	80x65	328	90	125	151	150	144.5	141	133	115	95	74	-	-	-	-	-	-	-	-		
PSD 80-250/450	100x80	240	45	61	88	86.7	86	84	80	72	62	49	-	-	-	-	-	-	-	-		
PSD 80-250/550	100x80	258	55	75	94.5	94.5	94.5	92	89	82	76	66	-	-	-	-	-	-	-	-		
PSD 80-250/750	100x80	276	75	100	108.5	108.5	108.5	106	103	96.5	90	80	-	-	-	-	-	-	-	-		
PSD 80-315/550	100x80	270	55	75	98	97	95.6	95	92	86	78	67	-	-	-	-	-	-	-	-		
PSD 80-315/750	100x80	295	75	100	124	123	121.6	119	116	110	103	94.5	89	-	-	-	-	-	-	-		
PSD 80-315/900	100x80	320	90	125	144	143	141.6	140	137	130	122	114	108	-	-	-	-	-	-	-		
PSD 80-315/1100	100x80	328	110	150	153	152	150.6	149	146	140	132	123	118	-	-	-	-	-	-	-		
PSD 100-250/550	125x100	240	55	75	77	76	75.5	76	75	73	72	70	70	62.3	59	-	-	-	-	-		
PSD 100-250/750	125x100	257	75	100	91	91	90.5	89.7	88	86	84	82	81	71.7	68.5	56	-	-	-	-		
PSD 100-250/900	125x100	270	90	125	100	100	99.5	98	97	95	93	91	90	80.7	77.5	65	-	-	-	-		
PSD 100-315/1100	125x100	300	110	150	118	-	-	116	115.5	114	112	111	110	104	102	95	-	-	-	-		
PSD 100-315/1320	125x100	315	125	170	129	-	-	127	126	124	123	122	121	115	112	105	-	-	-	-		
PSD 100-315/1600	125x100	328	165	225	148	-	-	146	145	144	142	141	140	134	132	125	-	-	-	-		
PSD 125-250/750	150x125	255	75	100	80	-	-	77	76	74.5	73	72	71	67	65	60	-	-	-	-		
PSD 125-250/900	150x125	265	90	125	87	-	-	84	83	81.5	80	78.5	78	73.5	71.5	67.5	60	-	-	-		
PSD 125-250/1100	150x125	274	110	150	97	-	-	94	93	92	90.5	89	88	84	83.5	78.5	71	-	-	-		
PSD 125-250H/1100	150x125	240	110	150	74	-	-	74.5	74	74	73	73	72.5	70.8	70.4	69	66	62.5	53	-		
PSD 125-250H/1320	150x125	260	125	170	84	-	-	84	84	83.5	83	82.5	82	80.8	80.4	78.5	76	72	63	-		
PSD 125-250H/1600	150x125	280	165	225	98	-	-	97.5	97.5	97.5	97	97	96.5	94.8	94.4	93	90	87	78	66		
PSD 125-315/1320	150x125	280	125	170	96	-	-	-	-	-	-	96	96	94	93.5	92	88.5	84	65	-		
PSD 125-315/1600	150x125	295	165	225	106	-	-	-	-	-	-	105.5	105	104	103.5	102	100	96	82	-		
PSD 125-315/1850	150x125	310	200	270	122	-	-	-	-	-	-	122	121.7	120	119.5	118.5	116	110	95	-		
PSD 125-315/2000	150x125	328	200	270	136	-	-	-	-	-	-	136	135.5	135	133.5	133	130	125	110	-		
PSD 150-250/1320	200x150	265	125	170	80.2	-	-	-	-	-	-	-	-	-	78	75	73.5	71	67	61		
PSD 150-250/1600	200x150	280	165	225	90	-	-	-	-	-	-	-	-	-	88	87	85	84	79	74		
PSD 150-250/2000	200x150	295	200	270	100	-	-	-	-	-	-	-	-	-	97	96	95	93	89	84		
PSD 150-315/1850	200x150	287	200	270	92	-	-	-	-	-	-	-	-	-	90	89	87.2	85	80	71		
PSD 150-315/2500	200x150	305	250	340	111	-	-	-	-	-	-	-	-	-	110	108	106	104	98	90		
PSD 150-315/2800	200x150	315	300	410	124	-	-	-	-	-	-	-	-	-	121	120	118	116	111	104		
PSD 150-315/3150	200x150	327	300	410	135	-	-	-	-	-	-	-	-	-	134	133	132	130	124	116		

